

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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	1/6/2016 10:01:11	10.00	43.78	28.08	8.92	7.93	5.3	3.928	94.6	2.1	0.5
1	1/6/2016 10:16:11	9.89	43.53	27.90	8.93	7.92	5.6	3.841	94.4	1.7	0.4
2	1/6/2016 10:31:12	9.78	42.84	27.41	8.93	7.91	6.5	3.755	93.8	1.6	0.4
3	1/6/2016 10:46:11	9.73	42.37	27.07	8.92	7.91	6.2	3.685	93.4	2.0	0.5
4	1/6/2016 11:01:11	9.70	42.42	27.11	8.92	7.91	6.8	3.597	93.3	2.1	0.5
5	1/6/2016 11:16:11	9.70	42.38	27.08	8.93	7.90	8.0	3.485	93.4	2.2	0.5
6	1/6/2016 11:31:11	9.73	42.24	26.98	8.94	7.91	6.9	3.376	93.5	2.3	0.5
7	1/6/2016 11:46:11	9.73	42.63	27.26	8.93	7.91	7.5	3.265	93.6	2.1	0.5
8	1/6/2016 12:01:11	9.74	42.35	27.06	8.93	7.91	6.8	3.162	93.5	2.1	0.5
9	1/6/2016 12:16:11	9.76	42.45	27.13	8.94	7.91	6.8	3.055	93.7	2.1	0.5
10	1/6/2016 12:31:11	9.76	42.36	27.07	8.97	7.91	6.2	2.948	94.0	1.9	0.4
11	1/6/2016 12:46:11	9.83	42.55	27.21	9.00	7.91	6.3	2.831	94.5	1.6	0.4
12	1/6/2016 13:01:11	9.87	42.65	27.28	9.01	7.92	7.0	2.729	94.7	2.0	0.5
13	1/6/2016 13:16:11	9.82	42.46	27.14	9.01	7.91	7.7	2.630	94.5	2.2	0.5
14	1/6/2016 13:31:11	9.78	42.17	26.94	9.04	7.91	7.9	2.529	94.7	1.9	0.5
15	1/6/2016 13:46:11	9.79	42.26	27.00	9.03	7.91	8.2	2.427	94.7	1.5	0.4
16	1/6/2016 14:01:11	9.78	42.19	26.95	9.06	7.91	8.7	2.327	94.9	2.4	0.6
17	1/6/2016 14:16:11	9.79	41.86	26.71	9.10	7.91	9.1	2.234	95.2	2.4	0.6
18	1/6/2016 14:31:11	9.77	41.86	26.71	9.12	7.91	10.1	2.124	95.4	2.5	0.6
19	1/6/2016 14:46:11	9.80	41.68	26.59	9.11	7.92	9.6	2.073	95.3	2.1	0.5
20	1/6/2016 15:01:11	9.80	41.82	26.69	9.16	7.92	9.5	1.969	95.8	2.4	0.6
21	1/6/2016 15:16:11	9.80	41.82	26.69	9.18	7.92	9.5	1.897	96.0	2.3	0.5
22	1/6/2016 15:31:11	9.79	41.65	26.57	9.15	7.92	9.8	1.880	95.7	2.1	0.5
23	1/6/2016 15:46:11	9.71	41.65	26.56	9.13	7.92	7.9	1.826	95.2	2.2	0.5
24	1/6/2016 16:01:11	9.69	41.62	26.54	9.12	7.91	7.2	1.863	95.0	1.7	0.4
25	1/6/2016 16:16:11	9.68	41.47	26.44	9.15	7.91	6.8	1.849	95.3	2.7	0.6
26	1/6/2016 16:31:11	9.68	41.60	26.53	9.13	7.91	7.1	1.897	95.1	2.6	0.6
27	1/6/2016 16:46:11	9.67	41.64	26.56	9.12	7.91	7.3	1.947	95.1	2.8	0.7
28	1/6/2016 17:01:12	9.69	41.11	26.19	9.11	7.91	7.9	2.004	94.7	2.5	0.6
29	1/6/2016 17:16:12	9.69	40.81	25.98	9.07	7.90	8.5	2.086	94.2	2.8	0.7
30	1/6/2016 17:31:12	9.72	41.14	26.21	9.03	7.91	8.6	2.198	94.0	2.6	0.6
31	1/6/2016 17:46:11	9.72	40.89	26.03	9.03	7.90	8.0	2.268	93.9	2.3	0.5
32	1/6/2016 18:01:12	9.73	41.33	26.34	8.99	7.91	9.0	2.341	93.7	2.6	0.6
33	1/6/2016 18:16:12	9.76	41.71	26.61	8.95	7.91	8.4	2.422	93.5	2.6	0.6
34	1/6/2016 18:31:12	9.78	41.97	26.79	8.91	7.91	8.2	2.482	93.3	2.3	0.5
35	1/6/2016 18:46:11	9.76	41.86	26.72	8.92	7.91	8.6	2.575	93.3	2.2	0.5
36	1/6/2016 19:01:11	9.74	41.85	26.71	8.94	7.91	8.3	2.628	93.4	2.4	0.6

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	1/6/2016 19:16:11	9.70	41.99	26.81	8.95	7.91	7.9	2.716	93.4	2.2	0.5
38	1/6/2016 19:31:11	9.69	42.01	26.82	8.97	7.91	9.5	2.762	93.7	2.1	0.5
39	1/6/2016 19:46:11	9.71	41.99	26.81	8.98	7.91	9.1	2.838	93.8	2.5	0.6
40	1/6/2016 20:01:11	9.72	42.05	26.85	8.97	7.92	8.4	2.911	93.8	2.1	0.5
41	1/6/2016 20:16:11	9.74	42.42	27.11	8.96	7.92	8.4	2.982	93.9	2.1	0.5
42	1/6/2016 20:31:11	9.76	42.32	27.04	8.96	7.92	8.9	3.044	93.9	2.3	0.5
43	1/6/2016 20:46:11	9.80	42.55	27.21	8.95	7.92	9.6	3.142	94.0	2.3	0.5
44	1/6/2016 21:01:11	9.82	42.69	27.31	8.95	7.93	10.0	3.193	94.0	2.1	0.5
45	1/6/2016 21:16:12	9.83	42.87	27.43	8.94	7.93	9.6	3.265	94.0	2.2	0.5
46	1/6/2016 21:31:11	9.86	42.87	27.44	8.92	7.93	9.4	3.334	93.9	2.1	0.5
47	1/6/2016 21:46:11	9.94	42.98	27.52	8.97	7.94	9.1	3.380	94.6	1.8	0.4
48	1/6/2016 22:01:11	10.07	43.68	28.02	8.97	7.95	10.3	3.396	95.2	2.1	0.5
49	1/6/2016 22:16:11	10.14	43.86	28.15	8.99	7.96	10.0	3.442	95.6	2.1	0.5
50	1/6/2016 22:31:11	10.16	43.88	28.16	8.96	7.96	8.1	3.452	95.4	2.4	0.6
51	1/6/2016 22:46:12	10.02	43.57	27.94	8.96	7.96	9.1	3.436	94.9	2.4	0.6
52	1/6/2016 23:01:12	10.14	43.88	28.16	8.89	7.96	8.6	3.437	94.6	2.2	0.5
53	1/6/2016 23:16:12	9.87	43.22	27.69	8.88	7.94	7.9	3.407	93.7	2.1	0.5
54	1/6/2016 23:31:11	9.61	42.23	26.97	8.90	7.92	7.3	3.344	92.9	2.5	0.6
55	1/6/2016 23:46:11	9.58	42.29	27.01	8.92	7.92	6.6	3.321	93.0	2.5	0.6
56	1/7/2016 00:01:11	9.54	42.22	26.95	8.90	7.91	8.0	3.255	92.7	2.2	0.5
57	1/7/2016 00:16:11	9.53	42.23	26.96	8.89	7.91	7.0	3.186	92.6	2.5	0.6
58	1/7/2016 00:31:11	9.56	42.05	26.84	8.93	7.92	8.4	3.130	93.0	2.4	0.6
59	1/7/2016 00:46:11	9.57	41.91	26.74	8.95	7.92	8.2	3.074	93.2	2.5	0.6
60	1/7/2016 01:01:11	9.60	42.03	26.83	8.93	7.92	7.0	3.005	93.1	2.4	0.6
61	1/7/2016 01:16:11	9.48	41.79	26.66	8.95	7.91	6.4	2.955	92.9	2.2	0.5
62	1/7/2016 01:31:11	9.45	41.85	26.69	8.94	7.91	6.4	2.902	92.8	1.8	0.4
63	1/7/2016 01:46:11	9.49	41.72	26.60	8.92	7.91	6.0	2.848	92.6	2.6	0.6
64	1/7/2016 02:01:11	9.47	41.88	26.72	8.91	7.91	5.9	2.832	92.5	2.5	0.6
65	1/7/2016 02:16:11	9.49	41.92	26.74	8.89	7.91	6.1	2.794	92.4	2.1	0.5
66	1/7/2016 02:31:11	9.45	41.75	26.62	8.83	7.90	6.2	2.789	91.6	2.5	0.6
67	1/7/2016 02:46:11	9.44	41.82	26.67	8.81	7.90	5.8	2.778	91.4	2.6	0.6
68	1/7/2016 03:01:11	9.46	41.66	26.56	8.81	7.90	5.8	2.735	91.4	2.5	0.6
69	1/7/2016 03:16:11	9.59	42.00	26.81	8.84	7.91	5.4	2.737	92.2	2.1	0.5
70	1/7/2016 03:31:11	9.54	42.00	26.81	8.88	7.91	5.2	2.727	92.4	2.3	0.5
71	1/7/2016 03:46:11	9.58	42.11	26.88	8.85	7.91	5.8	2.751	92.2	2.1	0.5
72	1/7/2016 04:01:11	9.55	42.03	26.82	8.89	7.91	5.5	2.732	92.5	2.2	0.5
73	1/7/2016 04:16:11	9.49	41.78	26.65	8.87	7.90	5.7	2.807	92.2	2.3	0.5

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	1/7/2016 04:31:11	9.53	41.92	26.75	8.90	7.91	6.1	2.856	92.6	1.7	0.4
75	1/7/2016 04:46:11	9.52	41.95	26.77	8.91	7.91	5.9	2.892	92.7	2.0	0.5
76	1/7/2016 05:01:11	9.57	41.96	26.77	8.91	7.91	6.4	2.927	92.8	1.8	0.4
77	1/7/2016 05:16:11	9.61	42.05	26.84	8.91	7.91	6.0	2.984	92.9	2.4	0.6
78	1/7/2016 05:31:11	9.66	42.27	27.00	8.92	7.92	5.8	3.051	93.2	2.3	0.5
79	1/7/2016 05:46:11	9.66	41.91	26.75	8.95	7.92	6.3	3.097	93.3	1.7	0.4
80	1/7/2016 06:01:11	9.70	42.20	26.95	8.97	7.93	6.7	3.196	93.8	2.1	0.5
81	1/7/2016 06:16:11	9.89	42.88	27.44	8.98	7.95	8.4	3.238	94.5	2.2	0.5
82	1/7/2016 06:31:11	9.96	43.20	27.67	8.98	7.95	8.4	3.383	94.9	2.2	0.5
83	1/7/2016 06:46:11	10.03	43.67	28.01	8.98	7.96	9.8	3.474	95.3	1.9	0.4
84	1/7/2016 07:01:12	10.18	44.10	28.32	8.99	7.98	14.5	3.594	95.9	2.1	0.5
85	1/7/2016 07:16:11	10.21	44.16	28.36	9.00	7.98	20.4	3.649	96.1	2.5	0.6
86	1/7/2016 07:31:11	10.25	43.95	28.22	9.04	7.99	15.3	3.707	96.4	2.3	0.5
87	1/7/2016 07:46:11	10.29	44.13	28.35	9.05	7.99	15.7	3.765	96.7	2.0	0.5
88	1/7/2016 08:01:11	10.37	44.32	28.49	9.06	8.00	14.4	3.849	97.1	1.5	0.4
89	1/7/2016 08:16:11	10.46	44.62	28.71	9.08	8.01	12.9	3.907	97.6	2.4	0.6
90	1/7/2016 08:31:11	10.55	44.82	28.86	9.09	8.02	14.4	3.959	98.0	2.1	0.5
91	1/7/2016 08:46:11	10.62	44.98	28.97	9.09	8.03	14.6	3.993	98.2	2.0	0.5
92	1/7/2016 09:01:11	10.67	44.95	28.95	9.09	8.03	11.9	4.086	98.3	1.9	0.4
93	1/7/2016 09:16:11	10.71	45.26	29.18	9.10	8.04	12.0	4.098	98.6	2.1	0.5
94	1/7/2016 09:31:11	10.73	45.28	29.19	9.07	8.04	11.2	4.098	98.4	1.6	0.4
95	1/7/2016 09:46:11	10.70	45.27	29.18	9.04	8.04	8.9	4.079	98.0	1.4	0.3
96	1/7/2016 10:01:11	10.73	45.32	29.22	8.98	8.04	10.6	4.105	97.5	1.7	0.4
97	1/7/2016 10:16:11	10.55	44.70	28.77	9.12	8.03	10.8	4.067	98.3	1.5	0.3
98	1/7/2016 10:31:11	10.29	43.88	28.18	9.03	7.99	8.3	3.987	96.4	2.1	0.5
99	1/7/2016 10:46:11	10.03	43.02	27.55	9.04	7.96	6.8	3.952	95.6	2.0	0.5
100	1/7/2016 11:01:11	9.88	42.45	27.14	9.04	7.94	5.9	3.822	94.9	1.9	0.4
101	1/7/2016 11:16:11	10.03	42.97	27.52	9.02	7.96	8.5	3.725	95.3	1.8	0.4
102	1/7/2016 11:31:11	9.92	42.55	27.21	8.99	7.94	9.5	3.616	94.6	2.1	0.5
103	1/7/2016 11:46:11	9.96	42.63	27.27	8.99	7.94	8.9	3.542	94.7	2.3	0.5
104	1/7/2016 12:01:11	9.93	42.41	27.11	9.00	7.94	10.1	3.438	94.7	1.7	0.4
105	1/7/2016 12:16:12	9.96	42.49	27.17	8.99	7.94	9.4	3.304	94.7	2.3	0.5
106	1/7/2016 12:31:11	10.00	42.51	27.19	8.99	7.94	8.0	3.215	94.8	1.8	0.4
107	1/7/2016 12:46:11	9.97	42.59	27.24	9.01	7.94	8.9	3.061	95.0	2.1	0.5
108	1/7/2016 13:01:11	10.02	42.54	27.21	9.03	7.94	7.3	2.939	95.2	1.2	0.3
109	1/7/2016 13:16:11	10.11	42.79	27.39	9.03	7.95	7.5	2.845	95.6	2.0	0.5
110	1/7/2016 13:31:11	10.02	42.44	27.14	9.10	7.95	7.2	2.752	96.0	2.2	0.5

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	1/7/2016 13:46:11	9.97	42.34	27.07	9.07	7.94	8.0	2.630	95.4	1.9	0.4
112	1/7/2016 14:01:12	9.86	42.02	26.83	9.06	7.93	7.9	2.474	95.0	2.0	0.5
113	1/7/2016 14:16:11	9.80	42.00	26.81	9.03	7.92	8.6	2.413	94.5	2.2	0.5
114	1/7/2016 14:31:11	9.83	41.71	26.61	9.11	7.93	8.5	2.231	95.3	2.1	0.5
115	1/7/2016 14:46:11	9.74	41.58	26.52	9.10	7.92	9.0	2.144	95.0	2.5	0.6
116	1/7/2016 15:01:11	9.75	41.53	26.49	9.14	7.92	9.1	2.013	95.4	2.5	0.6
117	1/7/2016 15:16:11	9.76	41.44	26.42	9.12	7.92	9.1	1.899	95.1	2.2	0.5
118	1/7/2016 15:31:11	9.75	41.41	26.40	9.12	7.92	13.1	1.813	95.1	2.7	0.6
119	1/7/2016 15:46:11	9.76	41.42	26.41	9.08	7.92	14.8	1.752	94.7	2.7	0.6
120	1/7/2016 16:01:11	9.74	41.51	26.47	9.05	7.91	18.1	1.711	94.4	2.9	0.7
121	1/7/2016 16:16:11	9.74	41.44	26.42	9.06	7.91	18.2	1.658	94.5	2.8	0.7
122	1/7/2016 16:31:11	9.75	41.44	26.42	9.09	7.92	16.5	1.658	94.8	3.1	0.7
123	1/7/2016 16:46:11	9.68	41.36	26.36	9.12	7.91	7.9	1.627	94.9	2.6	0.6
124	1/7/2016 17:01:12	9.69	41.48	26.44	9.10	7.91	8.6	1.711	94.9	2.6	0.6
125	1/7/2016 17:16:12	9.68	41.40	26.39	9.08	7.91	8.4	1.733	94.5	2.2	0.5
126	1/7/2016 17:31:11	9.68	41.08	26.16	9.09	7.91	11.2	1.769	94.5	2.7	0.6
127	1/7/2016 17:46:12	9.70	40.54	25.78	9.09	7.90	9.6	1.884	94.3	2.7	0.6
128	1/7/2016 18:01:11	9.70	40.30	25.61	9.09	7.90	9.4	2.008	94.3	2.7	0.6
129	1/7/2016 18:16:11	9.70	40.33	25.64	9.09	7.90	8.9	2.063	94.2	3.2	0.8
130	1/7/2016 18:31:11	9.70	40.74	25.92	9.06	7.90	9.4	2.116	94.1	3.3	0.8
131	1/7/2016 18:46:12	9.72	40.95	26.07	9.02	7.90	9.8	2.237	93.8	2.9	0.7
132	1/7/2016 19:01:11	9.76	41.30	26.32	8.99	7.91	9.5	2.342	93.7	2.6	0.6
133	1/7/2016 19:16:11	9.80	41.47	26.44	8.96	7.91	9.4	2.388	93.5	2.5	0.6
134	1/7/2016 19:31:11	9.82	41.54	26.50	8.94	7.91	9.6	2.485	93.5	2.4	0.6
135	1/7/2016 19:46:12	9.83	41.81	26.69	8.90	7.91	9.4	2.572	93.2	2.5	0.6
136	1/7/2016 20:01:11	9.81	41.52	26.48	8.91	7.90	9.4	2.663	93.1	2.8	0.7
137	1/7/2016 20:16:12	9.82	41.74	26.64	8.92	7.91	10.0	2.736	93.3	2.6	0.6
138	1/7/2016 20:31:11	9.86	41.80	26.68	8.93	7.91	9.7	2.826	93.6	2.1	0.5
139	1/7/2016 20:46:12	9.88	41.93	26.77	8.92	7.91	10.4	2.914	93.6	2.8	0.7
140	1/7/2016 21:01:11	9.91	41.95	26.79	8.93	7.92	10.8	3.020	93.7	2.3	0.5
141	1/7/2016 21:16:12	9.98	42.20	26.97	8.95	7.93	15.9	3.081	94.2	2.9	0.7
142	1/7/2016 21:31:12	10.02	42.31	27.05	8.97	7.94	16.5	3.153	94.5	2.8	0.7
143	1/7/2016 21:46:11	10.06	42.25	27.01	9.00	7.94	15.5	3.251	94.8	2.6	0.6
144	1/7/2016 22:01:12	10.18	43.07	27.59	9.07	7.96	17.6	3.272	96.2	2.4	0.6
145	1/7/2016 22:16:11	10.32	43.31	27.77	9.19	7.98	20.0	3.354	97.9	2.6	0.6
146	1/7/2016 22:31:11	10.41	43.56	27.95	9.30	7.99	17.1	3.426	99.4	2.1	0.5
147	1/7/2016 22:46:12	10.48	43.80	28.12	9.32	8.00	17.0	3.453	99.8	2.5	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
148	1/7/2016 23:01:11	10.51	43.92	28.21	9.33	8.00	14.2	3.503	100.1	2.2	0.5
149	1/7/2016 23:16:11	10.52	43.94	28.22	9.30	8.00	12.2	3.531	99.8	2.0	0.5
150	1/7/2016 23:31:11	10.52	43.91	28.21	9.28	8.00	9.6	3.511	99.6	2.3	0.5
151	1/7/2016 23:46:11	10.52	43.85	28.16	9.34	8.00	13.0	3.497	100.2	2.1	0.5
152	1/8/2016 00:01:12	9.98	42.47	27.16	9.20	7.96	9.3	3.484	96.9	2.1	0.5
153	1/8/2016 00:16:12	9.97	42.60	27.25	9.07	7.94	10.1	3.415	95.6	2.3	0.5
154	1/8/2016 00:31:11	9.96	42.36	27.08	8.99	7.94	10.3	3.377	94.6	2.5	0.6
155	1/8/2016 00:46:11	9.89	42.15	26.93	9.02	7.93	8.6	3.306	94.7	2.6	0.6
156	1/8/2016 01:01:11	9.95	42.45	27.14	9.04	7.94	8.6	3.243	95.1	2.2	0.5
157	1/8/2016 01:16:12	9.87	42.17	26.94	8.96	7.92	8.4	3.148	94.0	2.3	0.5
158	1/8/2016 01:31:11	9.77	41.66	26.58	8.94	7.91	9.6	3.094	93.4	2.4	0.6
159	1/8/2016 01:46:12	9.73	41.72	26.62	8.92	7.91	8.4	2.995	93.1	2.4	0.6
160	1/8/2016 02:01:12	9.75	41.66	26.58	8.91	7.91	8.2	2.944	93.0	2.1	0.5
161	1/8/2016 02:16:11	9.70	41.50	26.46	8.89	7.90	7.2	2.918	92.6	2.7	0.6
162	1/8/2016 02:31:11	9.68	41.59	26.52	8.90	7.90	7.3	2.858	92.7	2.1	0.5
163	1/8/2016 02:46:11	9.65	41.37	26.36	8.90	7.90	7.0	2.818	92.6	2.1	0.5
164	1/8/2016 03:01:12	9.61	41.53	26.48	8.87	7.90	6.7	2.755	92.3	2.5	0.6
165	1/8/2016 03:16:11	9.60	41.32	26.33	8.85	7.89	6.4	2.767	91.9	2.2	0.5
166	1/8/2016 03:31:11	9.61	41.39	26.38	8.85	7.89	6.0	2.735	92.0	2.3	0.5
167	1/8/2016 03:46:11	9.61	41.23	26.26	8.85	7.89	5.3	2.695	92.0	1.9	0.4
168	1/8/2016 04:01:12	9.76	41.63	26.56	8.82	7.90	5.5	2.698	92.1	2.0	0.5
169	1/8/2016 04:16:11	9.68	41.46	26.43	8.87	7.90	5.4	2.694	92.4	2.3	0.6
170	1/8/2016 04:31:12	9.76	41.67	26.58	8.84	7.90	6.1	2.710	92.3	2.4	0.6
171	1/8/2016 04:46:11	9.74	41.58	26.52	8.86	7.90	5.8	2.734	92.4	2.4	0.6
172	1/8/2016 05:01:12	9.71	41.67	26.58	8.87	7.90	6.5	2.767	92.5	2.9	0.7
173	1/8/2016 05:16:12	9.74	41.62	26.55	8.88	7.90	6.7	2.822	92.6	2.5	0.6
174	1/8/2016 05:31:12	9.76	41.75	26.64	8.87	7.90	7.0	2.883	92.7	2.2	0.5
175	1/8/2016 05:46:11	9.85	41.83	26.70	8.90	7.91	9.0	2.916	93.2	2.4	0.6
176	1/8/2016 06:01:11	9.95	42.17	26.95	8.96	7.93	7.9	2.988	94.2	2.0	0.5
177	1/8/2016 06:16:11	10.02	42.46	27.15	9.05	7.94	10.0	3.087	95.4	2.2	0.5
178	1/8/2016 06:31:11	10.09	42.48	27.17	9.13	7.95	11.9	3.146	96.4	2.2	0.5
179	1/8/2016 06:46:11	10.11	42.63	27.28	9.14	7.95	13.6	3.241	96.7	2.0	0.5
180	1/8/2016 07:01:11	10.18	42.93	27.49	9.19	7.96	11.7	3.338	97.5	2.4	0.6
181	1/8/2016 07:16:11	10.26	43.12	27.63	9.24	7.97	11.7	3.426	98.2	2.0	0.5
182	1/8/2016 07:31:12	10.30	43.21	27.70	9.23	7.98	12.1	3.518	98.3	2.1	0.5
183	1/8/2016 07:46:11	10.39	43.30	27.77	9.26	7.99	15.9	3.599	98.8	2.2	0.5
184	1/8/2016 08:01:11	10.60	43.53	27.94	9.40	8.01	20.4	3.692	100.9	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	1/8/2016 08:16:11	10.72	43.87	28.19	9.44	8.02	20.6	3.780	101.8	2.4	0.6
186	1/8/2016 08:31:11	10.82	44.15	28.39	9.47	8.04	19.5	3.864	102.4	1.9	0.5
187	1/8/2016 08:46:11	10.85	44.16	28.40	9.47	8.04	20.6	3.947	102.5	1.7	0.4
188	1/8/2016 09:01:11	10.93	44.46	28.62	9.49	8.05	22.3	4.010	103.1	2.3	0.5
189	1/8/2016 09:16:12	11.03	44.71	28.80	9.47	8.05	26.0	4.077	103.2	2.0	0.5
190	1/8/2016 09:31:11	11.09	44.93	28.96	9.43	8.06	27.9	4.141	103.0	2.1	0.5
191	1/8/2016 09:46:11	11.15	45.24	29.18	9.42	8.06	20.3	4.177	103.1	1.6	0.4
192	1/8/2016 10:01:11	11.16	45.22	29.17	9.41	8.06	19.6	4.213	103.0	2.0	0.5
193	1/8/2016 10:16:11	11.16	44.98	29.00	9.37	8.06	12.7	4.227	102.5	1.7	0.4
194	1/8/2016 10:31:11	11.15	45.11	29.09	9.34	8.06	15.3	4.215	102.1	1.7	0.4
195	1/8/2016 10:46:11	11.15	45.26	29.20	9.37	8.06	19.9	4.179	102.6	1.8	0.4
196	1/8/2016 11:01:11	10.62	43.69	28.05	9.35	8.01	10.0	4.118	100.5	2.4	0.6
197	1/8/2016 11:16:11	10.56	43.58	27.97	9.40	8.01	9.0	4.026	100.8	1.3	0.3
198	1/8/2016 11:31:11	10.32	42.87	27.46	9.27	7.98	8.3	3.952	98.5	1.7	0.4
199	1/8/2016 11:46:12	10.19	42.30	27.05	9.20	7.97	8.0	3.837	97.3	1.8	0.4
200	1/8/2016 12:01:11	10.21	42.55	27.22	9.17	7.96	8.9	3.730	97.2	1.8	0.4
201	1/8/2016 12:16:11	10.10	42.19	26.97	9.18	7.95	8.9	3.612	96.8	1.7	0.4
202	1/8/2016 12:31:11	10.06	42.21	26.98	9.17	7.95	9.0	3.499	96.6	2.0	0.5
203	1/8/2016 12:46:11	10.12	42.38	27.10	9.18	7.95	12.2	3.367	96.9	2.2	0.5
204	1/8/2016 13:01:11	10.10	42.42	27.13	9.17	7.95	12.9	3.241	96.8	2.5	0.6
205	1/8/2016 13:16:11	10.06	42.31	27.05	9.14	7.94	11.7	3.117	96.4	2.4	0.6
206	1/8/2016 13:31:12	10.04	42.27	27.02	9.11	7.94	9.1	3.000	96.0	2.3	0.5
207	1/8/2016 13:46:12	10.13	42.39	27.11	9.12	7.95	8.4	2.873	96.4	2.7	0.6
208	1/8/2016 14:01:11	10.11	42.13	26.93	9.12	7.95	9.4	2.730	96.2	2.1	0.5
209	1/8/2016 14:16:12	10.18	42.45	27.15	9.02	7.94	9.0	2.602	95.4	2.4	0.6
210	1/8/2016 14:31:11	10.06	42.13	26.92	9.11	7.93	8.6	2.475	96.0	2.3	0.5
211	1/8/2016 14:46:12	9.90	41.87	26.73	9.03	7.92	10.3	2.331	94.6	2.5	0.6
212	1/8/2016 15:01:11	9.86	41.67	26.59	9.02	7.91	10.4	2.190	94.4	2.4	0.6
213	1/8/2016 15:16:12	9.76	41.60	26.53	9.04	7.91	12.3	2.050	94.3	3.0	0.7
214	1/8/2016 15:31:12	9.77	41.68	26.59	9.04	7.91	13.4	1.921	94.4	2.8	0.7
215	1/8/2016 15:46:12	9.78	41.61	26.54	9.03	7.91	13.5	1.791	94.3	2.5	0.6
216	1/8/2016 16:01:11	9.75	41.49	26.45	9.00	7.90	11.9	1.684	93.9	2.5	0.6
217	1/8/2016 16:16:12	9.74	41.53	26.48	8.98	7.90	12.5	1.587	93.7	3.1	0.7
218	1/8/2016 16:31:12	9.70	41.34	26.35	8.96	7.89	11.4	1.532	93.3	3.2	0.8
219	1/8/2016 16:46:11	9.69	41.29	26.31	8.95	7.89	9.2	1.482	93.2	2.8	0.7
220	1/8/2016 17:01:11	9.67	41.36	26.36	8.95	7.89	7.3	1.451	93.2	3.2	0.8
221	1/8/2016 17:16:11	9.65	41.18	26.24	9.02	7.89	8.2	1.491	93.7	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
222	1/8/2016 17:31:11	9.66	41.32	26.33	9.02	7.89	7.9	1.537	93.9	2.5	0.6
223	1/8/2016 17:46:12	9.63	41.20	26.24	8.98	7.88	7.9	1.601	93.3	2.7	0.6
224	1/8/2016 18:01:12	9.62	40.87	26.01	8.97	7.88	7.9	1.686	93.1	3.0	0.7
225	1/8/2016 18:16:12	9.62	40.32	25.63	8.99	7.87	8.6	1.761	93.0	3.4	0.8
226	1/8/2016 18:31:12	9.62	39.87	25.31	9.00	7.87	9.0	1.844	93.0	3.4	0.8
227	1/8/2016 18:46:11	9.65	40.25	25.58	9.00	7.87	9.3	1.951	93.1	3.4	0.8
228	1/8/2016 19:01:12	9.66	40.39	25.68	8.98	7.87	8.9	2.016	93.0	3.6	0.8
229	1/8/2016 19:16:11	9.66	40.36	25.66	8.99	7.88	8.6	2.111	93.1	3.4	0.8
230	1/8/2016 19:31:12	9.72	40.98	26.10	8.97	7.89	8.9	2.204	93.3	3.1	0.7
231	1/8/2016 19:46:12	9.79	41.14	26.21	8.97	7.89	8.6	2.293	93.5	2.9	0.7
232	1/8/2016 20:01:12	9.87	41.56	26.51	8.95	7.90	10.3	2.381	93.7	2.9	0.7
233	1/8/2016 20:16:11	9.87	41.46	26.44	8.98	7.90	9.3	2.480	93.9	2.6	0.6
234	1/8/2016 20:31:12	9.85	41.56	26.51	8.99	7.90	9.8	2.577	94.0	2.4	0.6
235	1/8/2016 20:46:12	9.88	41.67	26.59	9.00	7.91	10.4	2.667	94.3	2.7	0.6
236	1/8/2016 21:01:11	9.92	41.64	26.57	9.02	7.91	9.6	2.757	94.5	2.7	0.6
237	1/8/2016 21:16:12	9.97	41.80	26.69	9.04	7.92	10.6	2.852	94.9	2.8	0.7
238	1/8/2016 21:31:12	9.99	41.90	26.76	9.05	7.92	12.8	2.947	95.1	3.0	0.7
239	1/8/2016 21:46:12	10.09	42.08	26.89	9.08	7.94	18.0	3.039	95.7	2.7	0.6
240	1/8/2016 22:01:12	10.16	42.33	27.07	9.11	7.95	17.4	3.121	96.3	2.8	0.7
241	1/8/2016 22:16:12	10.32	42.87	27.46	9.13	7.97	18.2	3.211	97.1	2.6	0.6
242	1/8/2016 22:31:12	10.49	43.32	27.79	9.18	7.99	19.4	3.297	98.2	2.0	0.5
243	1/8/2016 22:46:11	10.57	43.65	28.02	9.21	8.00	18.6	3.375	98.8	2.1	0.5
244	1/8/2016 23:01:12	10.63	43.85	28.17	9.21	8.01	18.6	3.439	99.0	2.4	0.6
245	1/8/2016 23:16:12	10.68	44.05	28.32	9.18	8.01	17.7	3.497	98.9	2.3	0.5
246	1/8/2016 23:31:12	10.74	44.13	28.37	9.18	8.02	18.0	3.558	99.1	2.4	0.6
247	1/8/2016 23:46:11	10.79	44.30	28.50	9.18	8.02	15.9	3.590	99.3	2.4	0.6
248	1/9/2016 00:01:11	10.84	44.37	28.55	9.16	8.03	14.5	3.608	99.2	2.0	0.5
249	1/9/2016 00:16:12	10.74	44.35	28.53	9.11	8.02	9.7	3.596	98.5	2.1	0.5
250	1/9/2016 00:31:11	10.47	43.40	27.84	9.14	8.00	10.3	3.583	97.7	2.3	0.5
251	1/9/2016 00:46:11	10.55	43.59	27.98	9.17	8.00	11.1	3.524	98.4	2.3	0.5
252	1/9/2016 01:01:11	10.52	43.57	27.96	9.16	8.00	12.9	3.452	98.2	1.6	0.4
253	1/9/2016 01:16:11	10.29	42.95	27.51	9.18	7.98	12.0	3.393	97.5	2.3	0.5
254	1/9/2016 01:31:12	10.23	42.85	27.44	9.11	7.97	11.9	3.311	96.7	1.8	0.4
255	1/9/2016 01:46:12	10.24	42.66	27.30	9.11	7.97	13.5	3.222	96.6	2.5	0.6
256	1/9/2016 02:01:11	10.12	42.37	27.09	9.08	7.95	10.6	3.145	95.9	2.9	0.7
257	1/9/2016 02:16:12	10.06	42.13	26.93	9.06	7.94	9.2	3.071	95.5	2.3	0.6
258	1/9/2016 02:31:11	9.96	42.01	26.83	9.02	7.93	7.9	3.019	94.8	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	1/9/2016 02:46:12	9.82	41.65	26.57	9.04	7.91	7.0	2.942	94.5	2.5	0.6
260	1/9/2016 03:01:12	9.83	41.58	26.53	9.04	7.92	6.6	2.883	94.5	2.1	0.5
261	1/9/2016 03:16:11	9.83	41.76	26.65	9.03	7.92	6.4	2.829	94.5	2.3	0.5
262	1/9/2016 03:31:11	9.79	41.57	26.51	9.04	7.91	6.2	2.791	94.5	2.5	0.6
263	1/9/2016 03:46:12	9.77	41.52	26.48	9.00	7.91	6.1	2.731	93.9	2.4	0.6
264	1/9/2016 04:01:12	9.76	41.39	26.39	8.98	7.90	5.9	2.701	93.7	2.2	0.5
265	1/9/2016 04:16:12	9.74	41.37	26.37	8.96	7.90	6.1	2.687	93.4	2.2	0.5
266	1/9/2016 04:31:11	9.71	41.32	26.33	8.94	7.90	5.7	2.660	93.1	2.2	0.5
267	1/9/2016 04:46:12	9.87	41.74	26.64	8.96	7.91	5.7	2.657	93.9	2.3	0.5
268	1/9/2016 05:01:12	9.76	41.45	26.43	8.98	7.91	5.9	2.667	93.7	2.8	0.7
269	1/9/2016 05:16:12	9.87	41.74	26.64	8.97	7.91	6.1	2.691	93.9	2.0	0.5
270	1/9/2016 05:31:12	9.91	41.72	26.63	8.96	7.91	6.5	2.727	93.9	2.5	0.6
271	1/9/2016 05:46:11	9.93	41.95	26.79	9.00	7.92	6.9	2.776	94.4	2.4	0.6
272	1/9/2016 06:01:12	9.91	41.89	26.75	9.01	7.91	7.0	2.826	94.5	2.1	0.5
273	1/9/2016 06:16:12	9.99	42.05	26.86	9.01	7.92	10.4	2.893	94.7	2.9	0.7
274	1/9/2016 06:31:12	10.06	42.24	27.00	9.02	7.93	10.1	2.960	95.1	2.3	0.5
275	1/9/2016 06:46:12	10.10	42.27	27.03	9.06	7.94	8.8	3.042	95.6	2.7	0.6
276	1/9/2016 07:01:12	10.20	42.69	27.33	9.08	7.96	9.5	3.125	96.2	2.1	0.5
277	1/9/2016 07:16:11	10.21	42.72	27.35	9.11	7.96	10.4	3.205	96.6	2.3	0.5
278	1/9/2016 07:31:12	10.27	42.97	27.53	9.11	7.97	9.6	3.286	96.8	2.4	0.6
279	1/9/2016 07:46:11	10.34	43.07	27.60	9.12	7.97	10.1	3.383	97.1	2.2	0.5
280	1/9/2016 08:01:12	10.44	43.45	27.88	9.13	7.98	11.4	3.466	97.6	1.8	0.4
281	1/9/2016 08:16:12	10.50	43.44	27.87	9.14	7.99	12.6	3.563	97.9	2.0	0.5
282	1/9/2016 08:31:12	10.65	43.82	28.15	9.16	8.01	14.1	3.663	98.5	1.9	0.5
283	1/9/2016 08:46:11	10.77	44.17	28.40	9.18	8.03	14.2	3.762	99.2	1.7	0.4
284	1/9/2016 09:01:12	10.89	44.46	28.62	9.19	8.04	12.8	3.850	99.7	2.5	0.6
285	1/9/2016 09:16:11	11.03	44.82	28.88	9.17	8.05	15.1	3.936	99.9	1.8	0.4
286	1/9/2016 09:31:12	11.08	44.87	28.92	9.18	8.06	13.0	4.034	100.1	1.3	0.3
287	1/9/2016 09:46:11	11.14	45.05	29.05	9.16	8.06	14.3	4.101	100.2	1.6	0.4
288	1/9/2016 10:01:11	11.18	44.97	28.99	9.17	8.07	14.8	4.156	100.3	1.3	0.3
289	1/9/2016 10:16:11	11.23	45.14	29.11	9.13	8.07	14.3	4.215	100.1	1.9	0.4
290	1/9/2016 10:31:11	11.26	45.37	29.28	9.10	8.08	11.3	4.250	100.0	1.5	0.4
291	1/9/2016 10:46:11	11.28	45.34	29.26	9.09	8.08	10.4	4.278	99.8	1.4	0.3
292	1/9/2016 11:01:11	11.22	45.26	29.20	9.08	8.07	11.0	4.268	99.5	1.9	0.4
293	1/9/2016 11:16:11	11.24	45.42	29.32	9.05	8.07	11.2	4.251	99.3	1.6	0.4
294	1/9/2016 11:31:11	11.21	45.24	29.19	9.08	8.07	10.7	4.208	99.6	1.4	0.3
295	1/9/2016 11:46:12	11.10	44.92	28.96	9.10	8.06	11.0	4.132	99.4	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	1/9/2016 12:01:11	11.10	44.83	28.89	9.15	8.06	8.9	4.046	99.8	1.7	0.4
297	1/9/2016 12:16:11	10.82	44.07	28.33	9.20	8.03	7.5	3.941	99.5	1.6	0.4
298	1/9/2016 12:31:11	10.77	43.96	28.25	9.14	8.02	7.1	3.830	98.7	1.6	0.4
299	1/9/2016 12:46:11	10.62	43.47	27.90	9.18	8.00	9.0	3.712	98.5	1.9	0.4
300	1/9/2016 13:01:11	10.48	43.08	27.62	9.17	7.99	12.0	3.608	97.9	2.3	0.5
301	1/9/2016 13:16:11	10.33	42.65	27.30	9.17	7.97	11.4	3.479	97.5	2.1	0.5
302	1/9/2016 13:31:12	10.45	43.06	27.60	9.15	7.98	7.4	3.349	97.6	2.2	0.5
303	1/9/2016 13:46:12	10.44	42.81	27.42	9.14	7.98	7.6	3.223	97.4	2.0	0.5
304	1/9/2016 14:01:12	10.36	42.52	27.22	9.14	7.97	7.3	3.096	97.1	2.1	0.5
305	1/9/2016 14:16:11	10.28	41.89	26.76	9.19	7.96	7.5	2.954	97.2	2.1	0.5
306	1/9/2016 14:31:11	10.23	41.80	26.70	9.22	7.96	9.4	2.818	97.4	2.3	0.5
307	1/9/2016 14:46:12	10.20	41.71	26.63	9.19	7.95	9.2	2.683	96.9	2.3	0.5
308	1/9/2016 15:01:12	10.14	41.60	26.55	9.15	7.94	8.9	2.542	96.4	2.5	0.6
309	1/9/2016 15:16:12	10.06	41.41	26.41	9.09	7.93	10.1	2.395	95.4	2.6	0.6
310	1/9/2016 15:31:12	10.05	41.35	26.38	9.07	7.92	10.6	2.251	95.2	2.6	0.6
311	1/9/2016 15:46:12	9.92	41.20	26.26	9.04	7.90	13.0	2.102	94.6	2.7	0.6
312	1/9/2016 16:01:11	9.91	41.17	26.24	9.04	7.90	12.5	1.952	94.5	2.7	0.6
313	1/9/2016 16:16:11	9.90	41.17	26.24	9.04	7.90	12.0	1.822	94.5	2.9	0.7
314	1/9/2016 16:31:12	9.88	41.10	26.19	9.01	7.89	11.9	1.685	94.1	2.4	0.6
315	1/9/2016 16:46:12	9.85	41.08	26.17	8.99	7.89	12.5	1.573	93.8	2.5	0.6
316	1/9/2016 17:01:12	9.86	40.97	26.09	8.99	7.89	11.7	1.475	93.8	3.1	0.7
317	1/9/2016 17:16:12	9.83	41.02	26.13	8.99	7.89	10.4	1.413	93.8	3.0	0.7
318	1/9/2016 17:31:12	9.79	40.88	26.03	8.99	7.88	9.2	1.366	93.7	3.2	0.7
319	1/9/2016 17:46:12	9.82	40.81	25.98	9.02	7.88	8.7	1.373	93.9	2.9	0.7
320	1/9/2016 18:01:12	9.82	40.91	26.05	9.02	7.88	8.4	1.433	94.1	2.9	0.7
321	1/9/2016 18:16:12	9.78	40.90	26.05	9.00	7.88	8.3	1.484	93.7	2.9	0.7
322	1/9/2016 18:31:12	9.75	40.84	26.00	8.98	7.87	8.5	1.558	93.5	3.0	0.7
323	1/9/2016 18:46:12	9.75	39.69	25.19	9.06	7.86	8.7	1.655	93.7	2.9	0.7
324	1/9/2016 19:01:11	9.75	39.35	24.96	9.08	7.86	9.4	1.749	93.8	3.1	0.7
325	1/9/2016 19:16:11	9.78	39.28	24.91	9.10	7.86	9.0	1.829	94.1	3.3	0.8
326	1/9/2016 19:31:12	9.81	39.89	25.33	9.07	7.87	8.4	1.922	94.0	3.1	0.7
327	1/9/2016 19:46:11	9.81	39.90	25.35	9.07	7.87	8.4	2.004	94.1	3.0	0.7
328	1/9/2016 20:01:12	9.82	40.32	25.64	9.05	7.87	9.3	2.111	94.0	2.9	0.7
329	1/9/2016 20:16:12	9.88	40.13	25.51	9.05	7.88	9.3	2.199	94.1	3.3	0.8
330	1/9/2016 20:31:12	9.96	40.88	26.04	9.03	7.90	9.4	2.295	94.4	3.2	0.8
331	1/9/2016 20:46:12	10.00	41.27	26.31	9.03	7.91	10.6	2.417	94.7	2.9	0.7
332	1/9/2016 21:01:12	10.02	41.28	26.32	9.03	7.91	9.4	2.502	94.7	2.7	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	Fluorescence %FS
333	1/9/2016 21:16:11	9.99	41.12	26.21	9.07	7.91	10.3	2.619	95.0	2.4	0.6
334	1/9/2016 21:31:11	10.02	41.12	26.21	9.11	7.92	11.2	2.712	95.5	2.7	0.6
335	1/9/2016 21:46:11	10.08	41.57	26.53	9.11	7.92	12.4	2.816	95.8	2.4	0.6
336	1/9/2016 22:01:12	10.11	41.70	26.62	9.09	7.93	12.7	2.929	95.7	2.7	0.6
337	1/9/2016 22:16:12	10.16	41.81	26.71	9.10	7.94	18.4	2.999	95.9	3.0	0.7
338	1/9/2016 22:31:12	10.22	42.01	26.84	9.10	7.95	15.5	3.111	96.1	2.3	0.5
339	1/9/2016 22:46:11	10.40	42.36	27.11	9.10	7.97	16.1	3.198	96.7	2.6	0.6
340	1/9/2016 23:01:11	10.57	43.43	27.87	9.10	7.99	17.2	3.286	97.6	2.8	0.6
341	1/9/2016 23:16:11	10.67	43.82	28.15	9.10	8.01	16.9	3.385	97.9	1.8	0.4
342	1/9/2016 23:31:11	10.73	43.83	28.16	9.09	8.01	17.2	3.472	98.0	2.3	0.5
343	1/9/2016 23:46:12	10.76	44.23	28.45	9.05	8.02	18.1	3.518	97.8	1.9	0.4
344	1/10/2016 00:01:12	10.87	44.65	28.75	9.03	8.03	19.0	3.578	98.0	2.2	0.5
345	1/10/2016 00:16:11	10.98	45.00	29.01	9.04	8.04	13.9	3.648	98.5	1.9	0.4
346	1/10/2016 00:31:12	11.03	45.17	29.13	9.03	8.04	13.3	3.651	98.5	2.4	0.6
347	1/10/2016 00:46:12	11.01	45.14	29.11	8.94	8.04	8.7	3.655	97.6	1.8	0.4
348	1/10/2016 01:01:12	11.02	45.18	29.13	8.98	8.04	11.4	3.650	98.0	2.5	0.6
349	1/10/2016 01:16:11	10.43	43.33	27.79	9.04	7.99	11.3	3.628	96.6	2.1	0.5
350	1/10/2016 01:31:12	10.43	43.49	27.91	9.04	7.99	11.6	3.543	96.6	1.9	0.5
351	1/10/2016 01:46:12	10.19	42.74	27.36	9.04	7.97	11.0	3.476	95.8	2.2	0.5
352	1/10/2016 02:01:12	10.26	42.89	27.47	9.00	7.97	13.9	3.398	95.6	2.4	0.6
353	1/10/2016 02:16:12	10.23	42.80	27.40	9.00	7.97	14.3	3.309	95.4	2.7	0.6
354	1/10/2016 02:31:12	10.13	42.36	27.09	9.03	7.96	12.6	3.242	95.4	2.5	0.6
355	1/10/2016 02:46:11	9.94	41.95	26.79	9.05	7.94	10.1	3.136	95.0	2.5	0.6
356	1/10/2016 03:01:12	9.95	42.11	26.90	9.04	7.94	8.0	3.044	95.0	2.3	0.5
357	1/10/2016 03:16:12	9.90	42.01	26.83	9.00	7.94	7.6	3.010	94.5	2.2	0.5
358	1/10/2016 03:31:12	9.87	41.91	26.76	9.01	7.93	7.2	2.921	94.4	2.4	0.6
359	1/10/2016 03:46:12	9.82	41.79	26.67	9.01	7.93	7.2	2.852	94.3	2.7	0.6
360	1/10/2016 04:01:12	9.83	41.82	26.69	8.99	7.93	7.0	2.794	94.1	2.5	0.6
361	1/10/2016 04:16:12	9.75	41.44	26.42	8.99	7.92	6.6	2.780	93.8	2.4	0.6
362	1/10/2016 04:31:12	9.70	41.51	26.47	8.98	7.91	6.5	2.745	93.6	2.1	0.5
363	1/10/2016 04:46:11	9.64	41.29	26.31	8.98	7.91	6.2	2.692	93.4	2.5	0.6
364	1/10/2016 05:01:12	9.55	41.16	26.21	8.98	7.90	5.8	2.653	93.1	2.1	0.5
365	1/10/2016 05:16:12	9.54	41.15	26.20	8.94	7.90	5.6	2.648	92.7	2.4	0.6
366	1/10/2016 05:31:12	9.61	41.12	26.19	8.92	7.90	5.9	2.647	92.6	2.6	0.6
367	1/10/2016 05:46:11	9.60	41.08	26.16	8.99	7.90	5.4	2.624	93.3	2.1	0.5
368	1/10/2016 06:01:12	9.55	41.03	26.12	8.95	7.89	6.0	2.648	92.7	2.1	0.5
369	1/10/2016 06:16:11	9.73	41.36	26.37	8.99	7.91	5.9	2.669	93.6	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
370	1/10/2016 06:31:11	9.79	41.58	26.52	9.00	7.91	6.9	2.697	94.0	2.4	0.6
371	1/10/2016 06:46:12	9.45	40.80	25.95	9.05	7.89	6.5	2.769	93.5	1.9	0.4
372	1/10/2016 07:01:12	9.84	41.58	26.52	8.99	7.92	7.3	2.825	94.0	2.1	0.5
373	1/10/2016 07:16:12	9.93	41.77	26.66	8.99	7.93	9.0	2.896	94.3	2.3	0.5
374	1/10/2016 07:31:12	9.93	42.00	26.83	8.98	7.93	8.3	2.959	94.3	2.3	0.5
375	1/10/2016 07:46:12	9.93	42.00	26.83	9.03	7.94	8.9	3.074	94.9	2.3	0.5
376	1/10/2016 08:01:12	10.27	43.11	27.63	9.01	7.97	11.7	3.150	95.8	1.8	0.4
377	1/10/2016 08:16:12	10.48	43.67	28.04	9.01	7.99	12.0	3.246	96.5	1.8	0.4
378	1/10/2016 08:31:12	10.58	44.03	28.29	9.01	8.00	13.1	3.347	96.9	1.9	0.4
379	1/10/2016 08:46:12	10.66	44.21	28.43	9.02	8.01	15.3	3.449	97.2	2.0	0.5
380	1/10/2016 09:01:12	10.69	44.38	28.55	9.03	8.01	14.0	3.573	97.4	2.1	0.5
381	1/10/2016 09:16:11	10.74	44.62	28.72	9.03	8.02	14.1	3.674	97.7	2.2	0.5
382	1/10/2016 09:31:12	10.76	44.70	28.78	9.03	8.02	14.0	3.772	97.8	1.7	0.4
383	1/10/2016 09:46:12	10.86	45.09	29.06	9.04	8.04	13.8	3.873	98.3	1.6	0.4
384	1/10/2016 10:01:11	10.91	45.39	29.28	9.05	8.04	13.7	3.955	98.6	2.1	0.5
385	1/10/2016 10:16:12	11.10	46.07	29.78	9.05	8.05	16.6	4.042	99.3	1.8	0.4
386	1/10/2016 10:31:11	11.18	46.24	29.90	9.04	8.06	14.5	4.124	99.5	1.6	0.4
387	1/10/2016 10:46:11	11.23	46.46	30.06	9.05	8.06	14.5	4.206	99.7	1.4	0.3
388	1/10/2016 11:01:11	11.27	46.78	30.30	9.06	8.07	12.0	4.251	100.1	1.7	0.4
389	1/10/2016 11:16:12	11.30	47.02	30.47	9.03	8.07	10.0	4.268	100.0	1.2	0.3
390	1/10/2016 11:31:12	11.30	46.99	30.44	9.00	8.07	8.6	4.299	99.6	1.2	0.3
391	1/10/2016 11:46:11	11.32	46.81	30.32	8.93	8.07	6.5	4.296	98.8	1.2	0.3
392	1/10/2016 12:01:11	11.30	46.92	30.40	8.98	8.06	10.3	4.262	99.4	1.5	0.3
393	1/10/2016 12:16:12	11.12	45.84	29.61	9.03	8.05	11.1	4.208	99.0	1.9	0.5
394	1/10/2016 12:31:11	11.16	45.50	29.37	9.06	8.04	8.4	4.121	99.3	1.8	0.4
395	1/10/2016 12:46:11	11.03	44.40	28.58	9.12	8.02	7.2	4.032	99.1	1.2	0.3
396	1/10/2016 13:01:12	10.93	44.21	28.44	9.08	8.01	6.8	3.904	98.4	1.6	0.4
397	1/10/2016 13:16:12	10.89	44.17	28.41	9.06	8.00	7.9	3.810	98.1	1.6	0.4
398	1/10/2016 13:31:12	10.82	43.73	28.09	9.07	8.00	8.3	3.688	97.9	2.0	0.5
399	1/10/2016 13:46:11	10.80	43.52	27.94	9.07	7.99	9.7	3.555	97.8	1.9	0.4
400	1/10/2016 14:01:11	10.62	43.27	27.75	9.08	7.98	11.5	3.440	97.3	1.9	0.5
401	1/10/2016 14:16:12	10.55	42.59	27.27	9.10	7.96	10.1	3.309	97.1	2.1	0.5
402	1/10/2016 14:31:12	10.48	42.43	27.15	9.10	7.96	11.1	3.172	96.9	2.3	0.5
403	1/10/2016 14:46:12	10.43	42.32	27.08	9.12	7.95	8.9	3.024	97.0	2.0	0.5
404	1/10/2016 15:01:12	10.51	41.96	26.83	9.15	7.94	8.2	2.879	97.3	2.2	0.5
405	1/10/2016 15:16:11	10.60	42.31	27.08	9.15	7.96	8.8	2.758	97.6	1.7	0.4
406	1/10/2016 15:31:12	10.42	42.25	27.03	9.21	7.96	10.8	2.610	97.9	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
407	1/10/2016 15:46:12	10.34	41.88	26.76	9.19	7.94	13.3	2.458	97.4	2.1	0.5
408	1/10/2016 16:01:12	10.21	41.64	26.58	9.20	7.93	12.6	2.316	97.1	2.5	0.6
409	1/10/2016 16:16:12	10.13	41.46	26.46	9.15	7.92	13.7	2.170	96.3	2.8	0.7
410	1/10/2016 16:31:12	10.11	41.39	26.40	9.17	7.92	14.1	2.013	96.3	2.4	0.6
411	1/10/2016 16:46:12	10.07	41.26	26.31	9.14	7.91	12.9	1.856	96.0	2.5	0.6
412	1/10/2016 17:01:12	10.05	41.07	26.18	9.12	7.91	13.2	1.723	95.6	2.4	0.6
413	1/10/2016 17:16:12	10.01	41.07	26.17	9.11	7.90	12.4	1.596	95.5	2.5	0.6
414	1/10/2016 17:31:12	9.93	40.92	26.07	9.11	7.89	12.9	1.480	95.2	2.9	0.7
415	1/10/2016 17:46:12	9.90	40.73	25.93	9.11	7.89	12.2	1.376	95.0	3.2	0.8
416	1/10/2016 18:01:11	9.83	40.71	25.91	9.14	7.88	11.2	1.316	95.2	2.8	0.7
417	1/10/2016 18:16:12	9.83	40.73	25.92	9.15	7.88	10.9	1.311	95.3	3.0	0.7
418	1/10/2016 18:31:12	9.89	40.88	26.03	9.15	7.89	10.1	1.314	95.5	3.2	0.8
419	1/10/2016 18:46:12	9.91	40.89	26.04	9.12	7.89	9.4	1.383	95.2	2.9	0.7
420	1/10/2016 19:01:12	9.92	40.87	26.03	9.12	7.88	9.0	1.470	95.2	3.0	0.7
421	1/10/2016 19:16:12	9.89	39.84	25.31	9.19	7.88	8.3	1.552	95.5	2.9	0.7
422	1/10/2016 19:31:12	9.88	39.47	25.04	9.22	7.88	9.7	1.632	95.6	3.3	0.8
423	1/10/2016 19:46:12	9.90	39.54	25.09	9.21	7.87	9.3	1.743	95.5	3.4	0.8
424	1/10/2016 20:01:12	9.93	39.87	25.33	9.18	7.88	9.0	1.833	95.4	3.3	0.8
425	1/10/2016 20:16:12	9.94	39.83	25.30	9.19	7.88	8.6	1.941	95.5	3.0	0.7
426	1/10/2016 20:31:12	9.96	40.04	25.45	9.16	7.88	9.0	2.036	95.4	2.9	0.7
427	1/10/2016 20:46:12	10.05	40.63	25.87	9.13	7.90	9.2	2.137	95.5	2.9	0.7
428	1/10/2016 21:01:12	10.17	41.26	26.31	9.10	7.92	9.5	2.248	95.7	2.7	0.6
429	1/10/2016 21:16:12	10.23	41.51	26.50	9.08	7.92	10.6	2.353	95.8	2.9	0.7
430	1/10/2016 21:31:12	10.27	41.61	26.56	9.07	7.92	10.4	2.464	95.8	2.5	0.6
431	1/10/2016 21:46:12	10.26	41.66	26.60	9.09	7.93	10.7	2.575	96.0	2.5	0.6
432	1/10/2016 22:01:12	10.33	41.81	26.71	9.07	7.93	12.4	2.683	96.0	2.8	0.7
433	1/10/2016 22:16:12	10.37	42.13	26.94	9.05	7.94	12.7	2.792	96.1	2.9	0.7
434	1/10/2016 22:31:12	10.39	42.17	26.96	9.05	7.94	15.1	2.891	96.1	2.6	0.6
435	1/10/2016 22:46:12	10.48	42.49	27.20	9.07	7.95	18.4	2.990	96.6	2.8	0.7
436	1/10/2016 23:01:12	10.56	42.74	27.38	9.09	7.96	15.7	3.103	97.1	2.6	0.6
437	1/10/2016 23:16:12	10.79	43.84	28.17	9.11	7.99	16.9	3.201	98.3	2.0	0.5
438	1/10/2016 23:31:12	10.91	44.38	28.56	9.12	8.01	15.9	3.296	98.9	2.4	0.6
439	1/10/2016 23:46:12	10.99	44.77	28.84	9.13	8.02	15.9	3.386	99.4	1.8	0.4
440	1/11/2016 00:01:11	11.04	44.86	28.91	9.17	8.02	15.5	3.484	100.0	2.2	0.5
441	1/11/2016 00:16:12	11.12	45.23	29.18	9.18	8.03	15.7	3.578	100.4	1.8	0.4
442	1/11/2016 00:31:12	11.25	45.49	29.37	9.20	8.04	15.3	3.632	101.1	2.1	0.5
443	1/11/2016 00:46:12	11.36	45.85	29.63	9.23	8.06	13.7	3.699	101.8	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
444	1/11/2016 01:01:12	11.42	45.92	29.68	9.22	8.06	12.2	3.742	101.8	1.7	0.4
445	1/11/2016 01:16:11	11.47	45.96	29.71	9.24	8.06	9.6	3.767	102.2	2.0	0.5
446	1/11/2016 01:31:12	11.45	45.98	29.73	9.15	8.06	8.2	3.742	101.1	1.5	0.4
447	1/11/2016 01:46:11	10.85	44.32	28.52	9.17	8.01	9.3	3.741	99.3	2.1	0.5
448	1/11/2016 02:01:12	10.84	44.11	28.37	9.17	8.01	8.9	3.679	99.2	2.3	0.5
449	1/11/2016 02:16:12	11.00	44.65	28.75	9.16	8.02	10.0	3.600	99.7	1.6	0.4
450	1/11/2016 02:31:12	10.83	44.11	28.36	9.15	8.00	10.1	3.521	98.9	2.3	0.5
451	1/11/2016 02:46:12	10.65	43.39	27.85	9.09	7.98	14.7	3.428	97.6	1.7	0.4
452	1/11/2016 03:01:12	10.64	43.18	27.70	9.10	7.98	15.1	3.311	97.5	2.4	0.6
453	1/11/2016 03:16:12	10.61	43.09	27.63	9.09	7.98	11.4	3.262	97.4	2.1	0.5
454	1/11/2016 03:31:12	10.53	42.78	27.40	9.11	7.97	10.1	3.132	97.3	2.2	0.5
455	1/11/2016 03:46:12	10.50	42.70	27.35	9.10	7.96	9.5	3.061	97.0	2.0	0.5
456	1/11/2016 04:01:12	10.41	42.29	27.05	9.13	7.95	10.9	3.006	97.0	2.1	0.5
457	1/11/2016 04:16:12	10.40	42.35	27.10	9.12	7.95	9.7	2.945	96.9	2.0	0.5
458	1/11/2016 04:31:12	10.32	42.04	26.87	9.14	7.94	11.0	2.877	96.8	2.4	0.6
459	1/11/2016 04:46:12	10.29	41.67	26.61	9.15	7.93	11.4	2.807	96.7	2.2	0.5
460	1/11/2016 05:01:12	10.26	41.72	26.64	9.15	7.93	11.5	2.753	96.6	2.4	0.6
461	1/11/2016 05:16:12	10.22	41.47	26.47	9.19	7.92	13.4	2.676	96.8	2.5	0.6
462	1/11/2016 05:31:11	10.22	41.51	26.49	9.19	7.92	14.9	2.649	96.9	2.6	0.6
463	1/11/2016 05:46:12	10.15	41.11	26.21	9.18	7.91	12.5	2.598	96.5	2.6	0.6
464	1/11/2016 06:01:12	10.15	41.13	26.23	9.19	7.91	13.1	2.551	96.6	2.6	0.6
465	1/11/2016 06:16:12	10.24	41.43	26.44	9.07	7.91	11.5	2.580	95.6	2.4	0.6
466	1/11/2016 06:31:11	10.19	41.10	26.20	9.13	7.91	9.0	2.603	96.0	2.3	0.5
467	1/11/2016 06:46:12	10.07	40.69	25.91	9.22	7.90	8.7	2.592	96.6	2.8	0.7
468	1/11/2016 07:01:12	10.27	41.63	26.58	9.08	7.92	9.8	2.630	95.9	2.3	0.5
469	1/11/2016 07:16:12	10.29	41.66	26.60	9.07	7.92	10.2	2.671	95.9	2.3	0.5
470	1/11/2016 07:31:12	10.19	40.93	26.09	9.17	7.91	9.2	2.723	96.3	2.3	0.5
471	1/11/2016 07:46:12	10.36	41.97	26.82	9.05	7.93	9.4	2.789	96.0	2.6	0.6
472	1/11/2016 08:01:12	10.40	42.25	27.03	9.05	7.94	10.5	2.859	96.1	2.4	0.6
473	1/11/2016 08:16:12	10.43	42.06	26.89	9.10	7.94	9.7	2.922	96.6	2.1	0.5
474	1/11/2016 08:31:12	10.56	42.90	27.49	9.08	7.96	12.4	3.039	97.1	1.5	0.4
475	1/11/2016 08:46:12	10.61	43.19	27.70	9.09	7.97	12.3	3.133	97.5	1.9	0.4
476	1/11/2016 09:01:12	10.68	43.38	27.83	9.11	7.98	10.8	3.206	97.9	2.1	0.5
477	1/11/2016 09:16:12	10.72	43.63	28.02	9.12	7.98	11.5	3.290	98.2	2.1	0.5
478	1/11/2016 09:31:12	10.81	43.83	28.17	9.15	7.99	12.3	3.419	98.8	2.1	0.5
479	1/11/2016 09:46:12	10.89	44.19	28.42	9.14	8.00	13.2	3.495	99.0	2.0	0.5
480	1/11/2016 10:01:12	10.99	44.31	28.51	9.15	8.01	12.4	3.588	99.4	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
481	1/11/2016 10:16:11	11.14	44.73	28.82	9.18	8.03	11.5	3.715	100.3	1.5	0.4
482	1/11/2016 10:31:11	11.29	45.26	29.21	9.22	8.05	11.8	3.774	101.3	1.8	0.4
483	1/11/2016 10:46:11	11.37	45.48	29.37	9.23	8.05	12.8	3.944	101.6	1.7	0.4
484	1/11/2016 11:01:12	11.46	45.81	29.61	9.19	8.06	13.3	3.976	101.5	1.6	0.4
485	1/11/2016 11:16:12	11.51	46.04	29.77	9.18	8.07	12.8	4.070	101.6	1.7	0.4
486	1/11/2016 11:31:12	11.54	46.03	29.77	9.17	8.07	12.6	4.123	101.6	1.7	0.4
487	1/11/2016 11:46:12	11.57	46.22	29.91	9.15	8.07	11.9	4.178	101.5	0.9	0.2
488	1/11/2016 12:01:11	11.62	46.20	29.89	9.17	8.07	9.2	4.209	101.9	1.3	0.3
489	1/11/2016 12:16:12	11.65	46.23	29.91	9.19	8.07	8.6	4.216	102.2	1.3	0.3
490	1/11/2016 12:31:12	11.63	46.12	29.84	9.13	8.07	8.2	4.226	101.4	1.4	0.3
491	1/11/2016 12:46:12	11.65	46.22	29.91	9.16	8.07	9.5	4.213	101.8	1.3	0.3
492	1/11/2016 13:01:12	11.59	46.20	29.89	9.13	8.07	12.5	4.152	101.4	1.3	0.3
493	1/11/2016 13:16:12	11.61	44.96	29.00	9.19	8.04	6.9	4.093	101.5	1.4	0.3
494	1/11/2016 13:31:11	11.56	44.72	28.83	9.20	8.03	7.5	3.986	101.4	1.3	0.3
495	1/11/2016 13:46:12	11.54	44.56	28.71	9.21	8.03	7.8	3.904	101.4	1.6	0.4
496	1/11/2016 14:01:12	11.49	43.87	28.22	9.23	8.01	8.3	3.771	101.1	1.9	0.4
497	1/11/2016 14:16:12	11.34	43.45	27.92	9.23	8.00	11.7	3.664	100.6	1.8	0.4
498	1/11/2016 14:31:11	11.35	43.00	27.60	9.26	7.99	9.0	3.528	100.8	2.2	0.5
499	1/11/2016 14:46:12	11.31	43.15	27.71	9.25	7.98	11.4	3.408	100.6	2.2	0.5
500	1/11/2016 15:01:12	11.26	43.06	27.64	9.25	7.98	12.8	3.286	100.5	2.4	0.6
501	1/11/2016 15:16:12	11.25	42.87	27.50	9.26	7.98	8.9	3.162	100.5	1.9	0.5
502	1/11/2016 15:31:12	11.24	42.53	27.26	9.29	7.97	8.2	3.019	100.6	1.9	0.4
503	1/11/2016 15:46:12	11.23	42.40	27.17	9.30	7.97	7.8	2.887	100.7	1.7	0.4
504	1/11/2016 16:01:12	11.32	42.93	27.55	9.24	7.98	10.0	2.764	100.5	2.3	0.5
505	1/11/2016 16:16:12	11.22	42.79	27.44	9.25	7.97	9.7	2.623	100.3	2.1	0.5
506	1/11/2016 16:31:12	11.11	42.57	27.29	9.23	7.96	10.4	2.466	99.7	2.4	0.6
507	1/11/2016 16:46:12	11.04	42.29	27.08	9.23	7.95	12.1	2.303	99.5	2.1	0.5
508	1/11/2016 17:01:12	10.99	42.16	26.99	9.26	7.95	11.7	2.156	99.6	2.2	0.5
509	1/11/2016 17:16:12	11.00	42.01	26.88	9.25	7.94	15.3	1.987	99.4	2.7	0.6
510	1/11/2016 17:31:12	10.91	41.70	26.66	9.24	7.93	12.9	1.858	99.0	2.7	0.6
511	1/11/2016 17:46:12	10.85	41.22	26.32	9.24	7.91	12.8	1.717	98.7	3.0	0.7
512	1/11/2016 18:01:12	10.84	41.06	26.20	9.24	7.90	13.4	1.589	98.6	3.2	0.7
513	1/11/2016 18:16:12	10.83	40.94	26.12	9.22	7.90	12.6	1.456	98.3	3.0	0.7
514	1/11/2016 18:31:12	10.82	40.72	25.96	9.23	7.89	13.7	1.369	98.3	3.4	0.8
515	1/11/2016 18:46:12	10.81	40.77	26.00	9.18	7.89	11.4	1.363	97.8	3.1	0.7
516	1/11/2016 19:01:12	10.80	40.81	26.03	9.23	7.89	13.2	1.342	98.2	3.0	0.7
517	1/11/2016 19:16:12	10.81	40.96	26.13	9.22	7.90	9.6	1.421	98.3	2.9	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	Fluorescence %FS
518	1/11/2016 19:31:12	10.80	41.01	26.17	9.25	7.90	9.0	1.476	98.6	2.7	0.6
519	1/11/2016 19:46:12	10.80	41.08	26.22	9.24	7.90	8.3	1.527	98.5	3.0	0.7
520	1/11/2016 20:01:12	10.80	40.02	25.47	9.29	7.90	10.4	1.615	98.6	2.7	0.6
521	1/11/2016 20:16:12	10.82	39.83	25.34	9.31	7.90	9.7	1.714	98.7	2.8	0.7
522	1/11/2016 20:31:12	10.82	39.99	25.45	9.29	7.89	9.3	1.836	98.6	3.4	0.8
523	1/11/2016 20:46:12	10.83	40.44	25.77	9.25	7.90	8.7	1.920	98.4	3.2	0.8
524	1/11/2016 21:01:12	10.83	40.46	25.78	9.25	7.90	8.8	2.005	98.4	2.8	0.7
525	1/11/2016 21:16:12	10.86	40.60	25.88	9.27	7.91	9.7	2.109	98.7	3.0	0.7
526	1/11/2016 21:31:12	10.91	41.24	26.34	9.24	7.92	8.9	2.198	98.8	2.7	0.6
527	1/11/2016 21:46:12	10.93	41.78	26.72	9.20	7.93	10.3	2.319	98.7	3.0	0.7
528	1/11/2016 22:01:12	10.93	41.87	26.78	9.20	7.93	11.0	2.432	98.7	3.2	0.8
529	1/11/2016 22:16:12	10.94	42.04	26.90	9.18	7.93	10.8	2.534	98.6	2.5	0.6
530	1/11/2016 22:31:12	10.94	41.96	26.84	9.19	7.93	12.6	2.645	98.6	3.2	0.7
531	1/11/2016 22:46:12	10.97	42.19	27.01	9.19	7.94	13.9	2.763	98.8	2.3	0.5
532	1/11/2016 23:01:12	11.00	42.24	27.05	9.18	7.95	14.5	2.876	98.9	2.4	0.6
533	1/11/2016 23:16:12	11.04	42.55	27.26	9.17	7.96	18.0	2.966	98.9	2.8	0.7
534	1/11/2016 23:31:11	11.10	42.73	27.39	9.20	7.97	19.1	3.082	99.5	2.3	0.5
535	1/11/2016 23:46:12	11.21	43.43	27.90	9.26	7.98	17.8	3.190	100.7	2.1	0.5
536	1/12/2016 00:01:12	11.36	44.10	28.38	9.38	8.01	20.9	3.265	102.7	2.1	0.5
537	1/12/2016 00:16:11	11.42	44.41	28.61	9.43	8.02	20.7	3.375	103.5	2.7	0.6
538	1/12/2016 00:31:11	11.51	44.88	28.95	9.50	8.03	22.2	3.494	104.6	2.2	0.5
539	1/12/2016 00:46:11	11.56	45.14	29.13	9.50	8.04	21.7	3.590	104.8	2.0	0.5
540	1/12/2016 01:01:12	11.61	45.25	29.22	9.51	8.04	22.0	3.654	105.1	2.4	0.6
541	1/12/2016 01:16:12	11.64	45.24	29.21	9.51	8.05	18.3	3.738	105.2	1.9	0.4
542	1/12/2016 01:31:12	11.71	45.38	29.31	9.58	8.06	16.9	3.784	106.2	1.7	0.4
543	1/12/2016 01:46:12	11.73	45.38	29.31	9.59	8.06	13.5	3.807	106.4	1.7	0.4
544	1/12/2016 02:01:11	11.66	45.30	29.25	9.51	8.05	11.2	3.822	105.3	1.8	0.4
545	1/12/2016 02:16:12	11.72	45.55	29.43	9.55	8.06	13.8	3.824	106.0	1.2	0.3
546	1/12/2016 02:31:11	11.69	45.46	29.36	9.55	8.06	15.0	3.771	105.9	1.8	0.4
547	1/12/2016 02:46:12	11.43	44.44	28.63	9.40	8.02	11.5	3.701	103.2	1.8	0.4
548	1/12/2016 03:01:12	11.38	44.28	28.51	9.34	8.01	13.7	3.619	102.3	2.3	0.5
549	1/12/2016 03:16:12	11.32	43.88	28.22	9.30	8.00	17.0	3.513	101.5	2.5	0.6
550	1/12/2016 03:31:12	11.26	43.55	27.98	9.29	7.99	15.0	3.434	101.1	2.1	0.5
551	1/12/2016 03:46:12	11.21	43.35	27.84	9.28	7.98	12.5	3.382	100.9	1.9	0.5
552	1/12/2016 04:01:11	11.18	42.94	27.55	9.31	7.97	10.5	3.282	100.9	1.8	0.4
553	1/12/2016 04:16:12	11.15	42.96	27.56	9.26	7.97	8.8	3.214	100.3	1.6	0.4
554	1/12/2016 04:31:12	11.17	42.94	27.55	9.23	7.97	9.0	3.128	100.0	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
555	1/12/2016 04:46:12	11.15	42.95	27.56	9.20	7.96	8.3	3.012	99.7	2.2	0.5
556	1/12/2016 05:01:12	11.11	42.60	27.30	9.20	7.96	7.9	2.949	99.4	2.5	0.6
557	1/12/2016 05:16:12	11.10	42.60	27.31	9.19	7.95	7.6	2.867	99.3	1.7	0.4
558	1/12/2016 05:31:12	11.07	42.26	27.06	9.19	7.95	7.6	2.825	99.0	1.9	0.5
559	1/12/2016 05:46:12	10.99	41.78	26.72	9.17	7.93	7.4	2.751	98.4	2.7	0.6
560	1/12/2016 06:01:12	10.98	41.74	26.69	9.17	7.93	7.4	2.676	98.4	2.6	0.6
561	1/12/2016 06:16:12	11.00	41.80	26.73	9.16	7.93	7.6	2.625	98.4	2.4	0.6
562	1/12/2016 06:31:12	10.94	41.36	26.42	9.15	7.92	6.8	2.592	98.0	2.1	0.5
563	1/12/2016 06:46:12	10.96	41.49	26.52	9.14	7.92	6.7	2.537	98.0	2.4	0.6
564	1/12/2016 07:01:12	10.93	41.22	26.32	9.14	7.91	6.7	2.518	97.8	2.7	0.6
565	1/12/2016 07:16:12	10.97	41.53	26.54	9.12	7.92	6.5	2.531	97.8	2.5	0.6
566	1/12/2016 07:31:12	10.96	41.38	26.43	9.19	7.91	6.5	2.531	98.4	1.7	0.4
567	1/12/2016 07:46:12	10.99	41.64	26.62	9.16	7.92	6.6	2.557	98.3	2.2	0.5
568	1/12/2016 08:01:12	11.02	41.94	26.83	9.13	7.93	7.6	2.586	98.2	1.9	0.4
569	1/12/2016 08:16:12	10.99	41.36	26.42	9.21	7.92	9.2	2.657	98.7	2.1	0.5
570	1/12/2016 08:31:12	11.02	41.75	26.70	9.19	7.93	8.4	2.729	98.7	2.0	0.5
571	1/12/2016 08:46:12	11.07	42.10	26.95	9.18	7.94	8.0	2.796	98.9	1.9	0.4
572	1/12/2016 09:01:11	11.16	42.56	27.28	9.23	7.96	9.2	2.869	99.9	2.3	0.5
573	1/12/2016 09:16:12	11.22	43.04	27.62	9.26	7.97	10.9	2.954	100.6	2.0	0.5
574	1/12/2016 09:31:12	11.28	43.38	27.86	9.30	7.98	10.1	3.059	101.2	2.0	0.5
575	1/12/2016 09:46:12	11.32	43.43	27.90	9.29	7.98	11.3	3.126	101.2	1.7	0.4
576	1/12/2016 10:01:12	11.36	43.76	28.14	9.31	7.99	12.2	3.242	101.8	2.1	0.5
577	1/12/2016 10:16:12	11.47	44.17	28.44	9.36	8.01	13.6	3.323	102.7	1.8	0.4
578	1/12/2016 10:31:12	11.54	44.35	28.57	9.39	8.02	16.2	3.421	103.3	1.7	0.4
579	1/12/2016 10:46:12	11.63	44.67	28.80	9.44	8.03	16.1	3.550	104.1	1.6	0.4
580	1/12/2016 11:01:12	11.75	45.03	29.06	9.48	8.05	16.7	3.616	105.1	1.7	0.4
581	1/12/2016 11:16:12	11.82	45.37	29.31	9.50	8.06	19.3	3.719	105.6	2.0	0.5
582	1/12/2016 11:31:12	11.87	45.54	29.43	9.51	8.06	19.6	3.814	105.9	1.7	0.4
583	1/12/2016 11:46:12	11.94	45.80	29.62	9.50	8.07	19.2	3.906	106.1	1.7	0.4
584	1/12/2016 12:01:12	12.00	46.02	29.78	9.47	8.07	17.2	3.979	106.0	1.7	0.4
585	1/12/2016 12:16:12	12.03	46.09	29.83	9.44	8.07	14.9	4.057	105.7	1.5	0.4
586	1/12/2016 12:31:12	12.06	46.33	30.01	9.43	8.08	13.2	4.115	105.8	1.3	0.3
587	1/12/2016 12:46:12	12.07	46.34	30.02	9.42	8.08	11.9	4.149	105.7	1.4	0.3
588	1/12/2016 13:01:12	12.08	46.40	30.06	9.40	8.08	10.5	4.176	105.6	2.0	0.5
589	1/12/2016 13:16:12	12.06	46.30	29.98	9.33	8.07	9.8	4.184	104.7	1.6	0.4
590	1/12/2016 13:31:12	12.05	46.29	29.98	9.36	8.07	13.2	4.170	105.0	1.3	0.3
591	1/12/2016 13:46:12	12.04	46.27	29.97	9.38	8.07	12.6	4.104	105.2	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
592	1/12/2016 14:01:12	12.03	46.23	29.93	9.36	8.07	13.0	4.037	104.9	1.6	0.4
593	1/12/2016 14:16:12	12.08	45.85	29.66	9.38	8.07	10.9	3.971	105.0	1.1	0.3
594	1/12/2016 14:31:12	11.95	45.12	29.14	9.38	8.05	16.0	3.838	104.4	1.8	0.4
595	1/12/2016 14:46:12	11.86	44.60	28.76	9.37	8.03	16.4	3.732	103.8	1.8	0.4
596	1/12/2016 15:01:12	11.89	44.39	28.61	9.35	8.03	15.3	3.615	103.7	1.9	0.4
597	1/12/2016 15:16:12	11.88	44.40	28.62	9.35	8.03	14.5	3.479	103.6	2.1	0.5
598	1/12/2016 15:31:12	11.85	44.18	28.46	9.32	8.02	15.8	3.369	103.0	1.8	0.4
599	1/12/2016 15:46:12	11.81	43.82	28.20	9.29	8.01	16.9	3.259	102.5	1.9	0.5
600	1/12/2016 16:01:12	11.77	43.49	27.96	9.30	7.99	15.9	3.130	102.4	2.1	0.5
601	1/12/2016 16:16:12	11.75	43.29	27.82	9.28	7.99	16.4	2.993	102.0	1.9	0.4
602	1/12/2016 16:31:13	11.74	40.54	25.87	9.38	7.98	16.6	2.874	101.9	2.1	0.5
603	1/12/2016 16:46:12	11.74	43.37	27.88	9.28	7.99	16.8	2.746	102.1	2.3	0.5
604	1/12/2016 17:01:12	11.78	43.61	28.05	9.29	8.00	16.7	2.604	102.4	1.8	0.4
605	1/12/2016 17:16:12	11.77	43.51	27.98	9.26	8.00	18.4	2.474	101.9	2.1	0.5
606	1/12/2016 17:31:12	11.68	42.83	27.49	9.23	7.97	17.9	2.334	101.1	2.8	0.7
607	1/12/2016 17:46:12	11.66	42.81	27.47	9.20	7.97	20.8	2.200	100.8	2.9	0.7
608	1/12/2016 18:01:12	11.65	42.39	27.18	9.22	7.96	23.4	2.057	100.7	2.7	0.6
609	1/12/2016 18:16:12	11.64	41.82	26.78	9.23	7.94	26.2	1.925	100.5	2.7	0.6
610	1/12/2016 18:31:12	11.66	41.67	26.67	9.21	7.94	36.0	1.816	100.3	3.4	0.8
611	1/12/2016 18:46:12	11.66	41.25	26.37	9.23	7.93	50.9	1.681	100.3	3.8	0.9
612	1/12/2016 19:01:12	11.66	40.97	26.17	9.23	7.92	58.7	1.607	100.3	4.4	1.0
613	1/12/2016 19:16:12	11.66	40.84	26.09	9.21	7.92	43.8	1.535	100.0	3.9	0.9
614	1/12/2016 19:31:12	11.65	40.75	26.02	9.20	7.92	35.9	1.476	99.8	3.9	0.9
615	1/12/2016 19:46:12	11.66	40.84	26.08	9.24	7.92	39.4	1.513	100.2	3.9	0.9
616	1/12/2016 20:01:12	11.66	40.78	26.04	9.25	7.92	32.5	1.497	100.4	3.9	0.9
617	1/12/2016 20:16:12	11.65	40.80	26.05	9.23	7.92	29.6	1.541	100.1	3.5	0.8
618	1/12/2016 20:31:12	11.64	40.99	26.19	9.22	7.92	32.0	1.625	100.1	3.5	0.8
619	1/12/2016 20:46:12	11.62	40.60	25.92	9.25	7.91	27.9	1.691	100.2	3.9	0.9
620	1/12/2016 21:01:12	11.61	40.50	25.84	9.26	7.92	19.7	1.824	100.3	3.4	0.8
621	1/12/2016 21:16:13	11.59	38.20	24.23	9.36	7.92	18.6	1.928	100.3	3.1	0.7
622	1/12/2016 21:31:13	11.60	38.13	24.18	9.37	7.92	16.9	2.016	100.4	3.2	0.7
623	1/12/2016 21:46:12	11.62	40.55	25.87	9.28	7.93	16.6	2.122	100.5	2.8	0.7
624	1/12/2016 22:01:12	11.64	41.31	26.42	9.26	7.94	17.5	2.240	100.6	3.0	0.7
625	1/12/2016 22:16:12	11.63	41.68	26.67	9.25	7.94	22.0	2.352	100.7	2.8	0.7
626	1/12/2016 22:31:13	11.60	39.34	25.02	9.35	7.94	23.3	2.464	100.7	2.7	0.6
627	1/12/2016 22:46:12	11.63	42.16	27.01	9.24	7.94	26.6	2.565	100.8	3.5	0.8
628	1/12/2016 23:01:12	11.66	42.43	27.21	9.23	7.95	25.7	2.666	100.9	3.2	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	Fluorescence %FS
629	1/12/2016 23:16:13	11.65	39.74	25.31	9.36	7.95	26.3	2.792	101.1	2.9	0.7
630	1/12/2016 23:31:12	11.69	42.76	27.44	9.25	7.97	29.3	2.887	101.3	3.2	0.8
631	1/12/2016 23:46:12	11.73	43.17	27.73	9.24	7.98	25.5	3.005	101.5	2.5	0.6
632	1/13/2016 00:01:12	11.76	43.41	27.91	9.25	7.98	27.9	3.102	101.8	2.9	0.7
633	1/13/2016 00:16:12	11.81	43.72	28.13	9.24	8.00	30.2	3.219	101.9	2.7	0.6
634	1/13/2016 00:31:12	11.92	44.45	28.65	9.22	8.02	31.0	3.328	102.3	2.4	0.6
635	1/13/2016 00:46:12	11.96	44.84	28.93	9.21	8.03	29.1	3.429	102.4	2.4	0.6
636	1/13/2016 01:01:12	11.99	45.06	29.09	9.20	8.03	32.5	3.548	102.5	2.4	0.6
637	1/13/2016 01:16:12	12.00	45.27	29.25	9.20	8.04	28.4	3.663	102.6	2.5	0.6
638	1/13/2016 01:31:11	12.04	45.57	29.46	9.24	8.05	22.7	3.742	103.2	2.3	0.6
639	1/13/2016 01:46:12	12.06	45.88	29.69	9.28	8.06	22.4	3.810	103.9	1.7	0.4
640	1/13/2016 02:01:12	12.08	45.95	29.73	9.28	8.07	17.4	3.872	103.9	1.7	0.4
641	1/13/2016 02:16:12	12.07	45.96	29.74	9.26	8.07	14.4	3.900	103.7	1.5	0.3
642	1/13/2016 02:31:12	12.10	45.94	29.73	9.17	8.07	9.7	3.930	102.8	1.7	0.4
643	1/13/2016 02:46:12	12.05	45.92	29.71	9.21	8.07	14.6	3.943	103.1	1.6	0.4
644	1/13/2016 03:01:12	12.07	46.00	29.77	9.23	8.07	17.0	3.913	103.4	2.2	0.5
645	1/13/2016 03:16:12	12.00	45.27	29.25	9.18	8.05	11.4	3.883	102.4	1.8	0.4
646	1/13/2016 03:31:12	11.90	44.61	28.77	9.16	8.03	17.7	3.801	101.6	2.2	0.5
647	1/13/2016 03:46:12	11.87	44.53	28.71	9.16	8.02	14.1	3.729	101.5	1.7	0.4
648	1/13/2016 04:01:12	11.84	43.96	28.30	9.20	8.01	13.1	3.641	101.7	2.1	0.5
649	1/13/2016 04:16:12	11.85	44.18	28.46	9.15	8.01	17.4	3.554	101.2	2.1	0.5
650	1/13/2016 04:31:12	11.80	43.71	28.12	9.16	8.00	17.2	3.467	101.0	2.0	0.5
651	1/13/2016 04:46:12	11.74	43.17	27.74	9.17	7.99	17.8	3.370	100.7	2.1	0.5
652	1/13/2016 05:01:12	11.72	43.02	27.63	9.18	7.98	14.8	3.285	100.7	2.5	0.6
653	1/13/2016 05:16:12	11.69	42.59	27.32	9.17	7.98	13.4	3.188	100.3	2.0	0.5
654	1/13/2016 05:31:12	11.65	42.56	27.30	9.17	7.98	12.9	3.102	100.3	1.9	0.4
655	1/13/2016 05:46:12	11.62	42.41	27.19	9.16	7.97	13.0	3.023	100.1	2.3	0.5
656	1/13/2016 06:01:12	11.62	42.75	27.43	9.15	7.98	11.9	2.948	100.1	1.9	0.5
657	1/13/2016 06:16:12	11.60	42.54	27.28	9.14	7.97	12.1	2.873	99.8	2.5	0.6
658	1/13/2016 06:31:12	11.60	42.75	27.43	9.14	7.97	11.2	2.791	99.9	2.1	0.5
659	1/13/2016 06:46:12	11.57	42.27	27.09	9.15	7.96	12.2	2.736	99.7	2.4	0.6
660	1/13/2016 07:01:12	11.55	42.25	27.08	9.13	7.96	11.1	2.673	99.5	2.3	0.5
661	1/13/2016 07:16:12	11.52	42.03	26.92	9.15	7.96	11.5	2.639	99.5	2.4	0.6
662	1/13/2016 07:31:12	11.51	42.08	26.95	9.13	7.96	11.8	2.581	99.3	2.4	0.6
663	1/13/2016 07:46:12	11.49	41.98	26.88	9.11	7.95	11.2	2.553	99.0	2.4	0.6
664	1/13/2016 08:01:12	11.48	41.43	26.49	9.11	7.94	11.0	2.528	98.7	1.8	0.4
665	1/13/2016 08:16:12	11.51	42.08	26.95	9.11	7.95	11.2	2.517	99.1	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
666	1/13/2016 08:31:12	11.54	42.02	26.91	9.10	7.94	10.6	2.559	99.0	2.0	0.5
667	1/13/2016 08:46:12	11.55	42.08	26.95	9.10	7.94	10.6	2.566	99.0	1.9	0.4
668	1/13/2016 09:01:13	11.55	39.46	25.11	9.22	7.94	11.1	2.627	99.2	2.0	0.5
669	1/13/2016 09:16:13	11.50	38.95	24.75	9.20	7.93	11.6	2.690	98.7	2.6	0.6
670	1/13/2016 09:31:12	11.55	41.77	26.74	9.12	7.94	13.2	2.749	99.1	2.0	0.5
671	1/13/2016 09:46:12	11.60	42.17	27.02	9.13	7.95	14.8	2.842	99.5	2.5	0.6
672	1/13/2016 10:01:12	11.64	42.30	27.12	9.12	7.96	14.9	2.930	99.6	2.2	0.5
673	1/13/2016 10:16:13	11.68	40.33	25.73	9.25	7.97	16.5	3.029	100.2	2.6	0.6
674	1/13/2016 10:31:12	11.72	43.16	27.73	9.18	7.98	14.3	3.120	100.8	2.0	0.5
675	1/13/2016 10:46:12	11.73	43.42	27.91	9.17	7.98	14.8	3.238	100.8	1.7	0.4
676	1/13/2016 11:01:12	11.75	43.47	27.95	9.17	7.99	15.9	3.327	100.9	2.0	0.5
677	1/13/2016 11:16:12	11.76	43.59	28.03	9.15	7.99	16.7	3.428	100.8	2.0	0.5
678	1/13/2016 11:31:12	11.78	43.76	28.15	9.18	8.00	15.6	3.499	101.2	2.1	0.5
679	1/13/2016 11:46:12	11.80	43.97	28.31	9.18	8.01	15.6	3.582	101.3	1.5	0.4
680	1/13/2016 12:01:12	11.84	44.23	28.50	9.20	8.02	15.0	3.686	101.8	1.5	0.4
681	1/13/2016 12:16:12	11.85	44.49	28.68	9.20	8.02	14.8	3.741	101.9	1.9	0.4
682	1/13/2016 12:31:12	11.90	44.44	28.64	9.21	8.03	10.6	3.803	102.1	1.7	0.4
683	1/13/2016 12:46:12	11.90	44.73	28.85	9.20	8.03	10.9	3.869	102.1	1.5	0.4
684	1/13/2016 13:01:12	11.90	44.90	28.98	9.20	8.04	10.4	3.943	102.2	1.6	0.4
685	1/13/2016 13:16:12	11.91	45.03	29.07	9.20	8.04	10.1	3.976	102.3	1.5	0.3
686	1/13/2016 13:31:12	11.93	45.26	29.23	9.17	8.05	11.5	4.011	102.1	1.5	0.3
687	1/13/2016 13:46:12	11.93	45.26	29.24	9.09	8.05	6.8	4.055	101.3	1.3	0.3
688	1/13/2016 14:01:12	11.94	45.30	29.27	9.09	8.05	6.7	4.021	101.3	1.5	0.4
689	1/13/2016 14:16:12	11.93	45.24	29.22	9.14	8.04	11.2	3.990	101.8	1.4	0.3
690	1/13/2016 14:31:12	11.91	44.66	28.81	9.16	8.03	10.9	3.965	101.7	1.7	0.4
691	1/13/2016 14:46:12	11.91	44.41	28.63	9.18	8.02	9.7	3.868	101.8	1.4	0.3
692	1/13/2016 15:01:12	11.91	43.88	28.25	9.24	8.02	9.4	3.792	102.2	1.7	0.4
693	1/13/2016 15:16:12	11.89	43.72	28.13	9.19	8.01	10.3	3.713	101.5	2.1	0.5
694	1/13/2016 15:31:12	11.85	43.53	28.00	9.13	8.00	15.7	3.620	100.7	2.0	0.5
695	1/13/2016 15:46:12	11.83	42.97	27.59	9.13	7.98	15.4	3.511	100.4	2.1	0.5
696	1/13/2016 16:01:12	11.81	42.23	27.07	9.15	7.97	14.9	3.392	100.2	1.8	0.4
697	1/13/2016 16:16:12	11.77	42.14	27.01	9.13	7.96	13.2	3.281	99.9	2.7	0.6
698	1/13/2016 16:31:12	11.75	42.11	26.98	9.14	7.96	14.7	3.177	100.0	2.1	0.5
699	1/13/2016 16:46:12	11.75	41.85	26.80	9.15	7.96	12.7	3.058	99.9	2.4	0.6
700	1/13/2016 17:01:12	11.74	41.83	26.79	9.15	7.96	12.4	2.937	99.9	2.1	0.5
701	1/13/2016 17:16:12	11.71	41.97	26.88	9.11	7.96	12.3	2.817	99.5	1.7	0.4
702	1/13/2016 17:31:12	11.69	42.03	26.92	9.10	7.96	11.7	2.713	99.4	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
703	1/13/2016 17:46:12	11.63	41.81	26.77	9.05	7.94	13.8	2.582	98.5	2.4	0.6
704	1/13/2016 18:01:12	11.59	41.49	26.54	9.01	7.93	16.1	2.438	97.9	2.4	0.6
705	1/13/2016 18:16:12	11.54	41.72	26.70	9.03	7.93	16.2	2.333	98.1	2.5	0.6
706	1/13/2016 18:31:13	11.45	39.20	24.92	9.12	7.93	15.6	2.209	97.9	3.0	0.7
707	1/13/2016 18:46:12	11.44	41.33	26.42	9.00	7.92	18.8	2.060	97.4	2.8	0.6
708	1/13/2016 19:01:12	11.41	41.22	26.34	9.03	7.92	18.6	1.945	97.6	3.1	0.7
709	1/13/2016 19:16:12	11.37	41.31	26.41	8.98	7.92	19.1	1.816	97.0	2.4	0.6
710	1/13/2016 19:31:12	11.39	41.30	26.40	8.96	7.91	18.0	1.748	96.9	2.8	0.7
711	1/13/2016 19:46:12	11.36	41.21	26.33	8.96	7.91	17.5	1.664	96.7	2.8	0.7
712	1/13/2016 20:01:12	11.36	41.12	26.27	9.00	7.91	17.2	1.572	97.1	3.0	0.7
713	1/13/2016 20:16:13	11.33	38.90	24.71	9.05	7.91	14.4	1.587	96.7	2.9	0.7
714	1/13/2016 20:31:12	11.32	41.18	26.31	9.02	7.91	15.0	1.564	97.3	2.6	0.6
715	1/13/2016 20:46:12	11.36	40.99	26.18	9.02	7.91	13.5	1.611	97.3	2.8	0.7
716	1/13/2016 21:01:12	11.37	40.98	26.17	9.03	7.91	12.6	1.671	97.4	2.6	0.6
717	1/13/2016 21:16:12	11.35	40.65	25.94	9.03	7.91	12.5	1.751	97.3	2.6	0.6
718	1/13/2016 21:31:12	11.38	40.20	25.62	9.04	7.90	13.4	1.843	97.2	2.7	0.6
719	1/13/2016 21:46:12	11.40	39.35	25.03	9.07	7.90	15.7	1.944	97.2	3.2	0.7
720	1/13/2016 22:01:11	11.41	39.42	25.08	9.06	7.89	14.5	2.037	97.1	3.2	0.8
721	1/13/2016 22:16:12	11.43	39.82	25.36	9.03	7.90	15.4	2.129	97.1	3.3	0.8
722	1/13/2016 22:31:12	11.48	40.03	25.51	9.02	7.91	15.9	2.242	97.2	3.0	0.7
723	1/13/2016 22:46:12	11.52	40.41	25.77	9.03	7.92	15.0	2.338	97.6	2.7	0.6
724	1/13/2016 23:01:12	11.58	41.20	26.33	9.02	7.93	15.6	2.445	97.9	3.2	0.7
725	1/13/2016 23:16:12	11.60	41.32	26.42	9.06	7.93	15.0	2.535	98.5	2.4	0.6
726	1/13/2016 23:31:12	11.60	41.34	26.43	9.08	7.93	14.7	2.654	98.7	2.6	0.6
727	1/13/2016 23:46:12	11.61	41.63	26.64	9.08	7.94	18.1	2.761	98.8	3.2	0.7
728	1/14/2016 00:01:12	11.60	41.59	26.61	9.12	7.94	17.7	2.847	99.2	3.0	0.7
729	1/14/2016 00:16:12	11.57	41.47	26.52	9.12	7.95	20.4	2.955	99.1	3.0	0.7
730	1/14/2016 00:31:12	11.59	41.66	26.66	9.14	7.96	24.1	3.067	99.4	2.9	0.7
731	1/14/2016 00:46:12	11.57	42.06	26.94	9.16	7.96	20.9	3.165	99.7	3.0	0.7
732	1/14/2016 01:01:11	11.62	42.73	27.42	9.19	7.98	19.1	3.261	100.5	2.5	0.6
733	1/14/2016 01:16:11	11.67	43.73	28.13	9.24	8.00	19.4	3.375	101.6	2.0	0.5
734	1/14/2016 01:31:12	11.69	44.11	28.40	9.23	8.01	19.9	3.471	101.8	2.5	0.6
735	1/14/2016 01:46:12	11.71	44.33	28.56	9.21	8.02	18.4	3.574	101.7	2.5	0.6
736	1/14/2016 02:01:12	11.73	44.67	28.80	9.20	8.02	20.8	3.659	101.7	2.0	0.5
737	1/14/2016 02:16:12	11.76	44.93	28.99	9.24	8.03	21.9	3.730	102.3	2.1	0.5
738	1/14/2016 02:31:12	11.79	45.26	29.23	9.23	8.04	23.6	3.810	102.5	2.3	0.5
739	1/14/2016 02:46:12	11.82	45.57	29.45	9.27	8.05	24.4	3.857	103.1	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
740	1/14/2016 03:01:12	11.83	45.67	29.52	9.28	8.06	23.5	3.895	103.3	2.1	0.5
741	1/14/2016 03:16:12	11.84	45.79	29.61	9.24	8.06	17.7	3.911	103.0	1.9	0.4
742	1/14/2016 03:31:12	11.83	45.70	29.54	9.18	8.06	12.2	3.904	102.1	1.5	0.4
743	1/14/2016 03:46:12	11.83	45.72	29.56	9.22	8.06	17.7	3.878	102.6	2.2	0.5
744	1/14/2016 04:01:12	11.53	44.02	28.33	9.21	8.02	11.4	3.827	101.1	1.9	0.5
745	1/14/2016 04:16:12	11.53	44.06	28.36	9.23	8.02	13.8	3.765	101.3	2.2	0.5
746	1/14/2016 04:31:12	11.24	42.45	27.20	9.25	7.99	13.1	3.701	100.2	2.4	0.6
747	1/14/2016 04:46:12	11.21	41.69	26.66	9.25	7.98	12.0	3.607	99.8	2.5	0.6
748	1/14/2016 05:01:12	11.35	41.97	26.87	9.15	7.96	13.7	3.521	99.1	2.7	0.6
749	1/14/2016 05:16:12	11.29	41.84	26.77	9.18	7.97	14.0	3.424	99.3	2.7	0.6
750	1/14/2016 05:31:12	11.26	41.67	26.65	9.18	7.96	15.2	3.328	99.2	2.2	0.5
751	1/14/2016 05:46:12	11.26	41.68	26.66	9.15	7.96	12.6	3.243	98.8	2.5	0.6
752	1/14/2016 06:01:13	11.26	39.48	25.11	9.26	7.96	11.1	3.137	99.0	2.4	0.6
753	1/14/2016 06:16:12	11.23	41.58	26.59	9.16	7.95	10.9	3.042	98.8	2.1	0.5
754	1/14/2016 06:31:12	11.22	41.52	26.54	9.14	7.95	10.7	2.970	98.6	2.4	0.6
755	1/14/2016 06:46:12	11.22	41.35	26.43	9.12	7.94	9.5	2.896	98.2	2.4	0.6
756	1/14/2016 07:01:12	11.17	41.39	26.45	9.18	7.95	10.1	2.794	98.8	2.6	0.6
757	1/14/2016 07:16:12	11.15	41.23	26.34	9.13	7.94	10.3	2.728	98.1	2.5	0.6
758	1/14/2016 07:31:12	11.08	41.12	26.26	9.13	7.94	12.2	2.645	98.0	2.6	0.6
759	1/14/2016 07:46:11	11.09	40.75	26.00	9.11	7.92	9.8	2.599	97.6	2.6	0.6
760	1/14/2016 08:01:11	11.01	40.76	26.00	9.17	7.93	13.7	2.548	98.1	2.6	0.6
761	1/14/2016 08:16:11	11.10	40.83	26.05	9.01	7.92	10.1	2.484	96.6	2.3	0.6
762	1/14/2016 08:31:12	11.04	40.58	25.87	9.06	7.91	9.4	2.448	96.8	2.5	0.6
763	1/14/2016 08:46:12	11.02	40.41	25.75	9.04	7.91	8.7	2.443	96.6	2.4	0.6
764	1/14/2016 09:01:12	10.98	40.30	25.68	9.04	7.90	8.6	2.426	96.5	2.3	0.6
765	1/14/2016 09:16:12	10.97	40.33	25.70	9.11	7.91	9.0	2.435	97.2	2.3	0.5
766	1/14/2016 09:31:13	11.14	38.89	24.70	9.10	7.92	10.8	2.463	96.8	2.1	0.5
767	1/14/2016 09:46:12	11.13	40.89	26.10	9.00	7.92	10.1	2.485	96.6	2.1	0.5
768	1/14/2016 10:01:13	11.08	38.42	24.36	9.16	7.91	11.4	2.551	97.1	2.6	0.6
769	1/14/2016 10:16:12	11.18	40.90	26.11	9.04	7.92	13.1	2.615	97.1	2.5	0.6
770	1/14/2016 10:31:12	11.17	40.87	26.08	9.07	7.93	13.0	2.676	97.4	2.3	0.5
771	1/14/2016 10:46:12	11.17	40.84	26.06	9.09	7.93	12.8	2.755	97.6	2.4	0.6
772	1/14/2016 11:01:13	11.25	39.54	25.15	9.20	7.95	16.6	2.831	98.3	2.2	0.5
773	1/14/2016 11:16:13	11.27	39.51	25.14	9.27	7.96	13.9	2.911	99.1	2.6	0.6
774	1/14/2016 11:31:12	11.29	42.05	26.92	9.20	7.96	13.0	2.988	99.6	2.3	0.5
775	1/14/2016 11:46:12	11.29	42.08	26.94	9.23	7.96	12.4	3.071	99.9	2.5	0.6
776	1/14/2016 12:01:12	11.32	42.39	27.16	9.21	7.97	13.4	3.163	99.9	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
777	1/14/2016 12:16:12	11.35	42.68	27.37	9.22	7.98	15.4	3.272	100.2	1.9	0.5
778	1/14/2016 12:31:12	11.37	42.78	27.44	9.23	7.99	14.2	3.361	100.4	2.4	0.6
779	1/14/2016 12:46:12	11.38	42.78	27.44	9.24	7.99	16.8	3.427	100.5	2.2	0.5
780	1/14/2016 13:01:12	11.41	43.30	27.82	9.25	8.00	14.6	3.522	101.0	2.0	0.5
781	1/14/2016 13:16:12	11.42	43.41	27.89	9.25	8.01	15.7	3.586	101.0	2.1	0.5
782	1/14/2016 13:31:12	11.41	43.48	27.94	9.30	8.01	15.0	3.644	101.6	2.3	0.6
783	1/14/2016 13:46:12	11.41	43.69	28.09	9.31	8.02	13.1	3.691	101.8	2.2	0.5
784	1/14/2016 14:01:12	11.48	44.15	28.42	9.27	8.03	16.2	3.732	101.7	2.3	0.5
785	1/14/2016 14:16:13	11.50	41.84	26.78	9.36	8.03	12.8	3.790	101.7	2.0	0.5
786	1/14/2016 14:31:12	11.52	44.78	28.87	9.27	8.04	13.8	3.810	102.1	1.9	0.5
787	1/14/2016 14:46:12	11.58	44.93	28.99	9.20	8.05	9.0	3.815	101.5	1.2	0.3
788	1/14/2016 15:01:12	11.53	44.56	28.71	9.19	8.04	9.4	3.831	101.2	2.0	0.5
789	1/14/2016 15:16:12	11.57	45.01	29.04	9.17	8.04	10.3	3.820	101.2	1.3	0.3
790	1/14/2016 15:31:12	11.54	44.64	28.78	9.21	8.04	11.4	3.764	101.5	1.8	0.4
791	1/14/2016 15:46:13	11.36	41.09	26.25	9.40	8.02	13.6	3.688	101.5	1.7	0.4
792	1/14/2016 16:01:12	11.33	43.34	27.84	9.29	8.01	14.7	3.610	101.2	2.0	0.5
793	1/14/2016 16:16:12	11.24	42.48	27.23	9.31	8.00	20.2	3.541	100.8	2.3	0.5
794	1/14/2016 16:31:12	11.16	42.04	26.91	9.28	7.98	20.4	3.418	100.1	2.6	0.6
795	1/14/2016 16:46:12	10.97	40.60	25.89	9.37	7.96	17.3	3.342	100.1	2.4	0.6
796	1/14/2016 17:01:12	10.95	40.60	25.88	9.32	7.95	17.3	3.241	99.5	3.3	0.8
797	1/14/2016 17:16:12	10.95	40.65	25.92	9.23	7.94	16.6	3.143	98.6	2.9	0.7
798	1/14/2016 17:31:13	10.90	38.45	24.38	9.34	7.93	15.4	3.042	98.6	2.5	0.6
799	1/14/2016 17:46:12	10.89	40.40	25.74	9.29	7.94	14.6	2.939	98.9	2.3	0.5
800	1/14/2016 18:01:12	10.89	40.53	25.83	9.32	7.94	14.2	2.839	99.3	2.8	0.7
801	1/14/2016 18:16:12	10.89	40.48	25.80	9.31	7.94	14.4	2.750	99.1	2.2	0.5
802	1/14/2016 18:31:12	10.88	40.55	25.84	9.28	7.94	13.6	2.631	98.9	2.1	0.5
803	1/14/2016 18:46:12	10.93	40.82	26.04	9.25	7.93	12.6	2.521	98.8	2.6	0.6
804	1/14/2016 19:01:12	10.93	40.93	26.12	9.23	7.93	13.6	2.427	98.6	2.8	0.7
805	1/14/2016 19:16:12	10.92	41.05	26.20	9.25	7.93	13.6	2.314	98.8	2.8	0.7
806	1/14/2016 19:31:12	10.91	40.91	26.10	9.24	7.93	12.8	2.209	98.7	2.5	0.6
807	1/14/2016 19:46:12	10.87	40.88	26.08	9.22	7.92	14.0	2.105	98.4	2.8	0.7
808	1/14/2016 20:01:12	10.83	40.85	26.06	9.24	7.92	15.0	2.023	98.5	3.0	0.7
809	1/14/2016 20:16:12	10.79	40.91	26.10	9.25	7.92	16.2	1.934	98.5	2.4	0.6
810	1/14/2016 20:31:12	10.77	40.72	25.96	9.24	7.91	16.1	1.864	98.3	2.8	0.7
811	1/14/2016 20:46:12	10.73	40.71	25.95	9.22	7.91	15.5	1.809	98.0	2.8	0.6
812	1/14/2016 21:01:12	10.70	40.73	25.97	9.21	7.91	14.4	1.793	97.8	2.8	0.7
813	1/14/2016 21:16:12	10.71	40.68	25.93	9.24	7.91	14.8	1.787	98.2	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	1/14/2016 21:31:12	10.75	40.74	25.98	9.23	7.91	13.8	1.800	98.1	3.0	0.7
815	1/14/2016 21:46:12	10.78	40.67	25.93	9.21	7.91	12.2	1.855	98.0	2.5	0.6
816	1/14/2016 22:01:12	10.76	40.52	25.82	9.22	7.91	12.0	1.911	98.0	2.8	0.7
817	1/14/2016 22:16:12	10.71	39.58	25.16	9.31	7.90	12.0	2.003	98.4	3.0	0.7
818	1/14/2016 22:31:12	10.71	39.03	24.78	9.32	7.90	12.3	2.097	98.3	2.6	0.6
819	1/14/2016 22:46:13	10.76	37.79	23.91	9.36	7.90	11.9	2.196	98.2	2.9	0.7
820	1/14/2016 23:01:13	10.80	39.57	25.16	9.27	7.91	13.0	2.294	98.1	2.9	0.7
821	1/14/2016 23:16:13	10.77	37.62	23.79	9.37	7.91	12.4	2.400	98.3	2.9	0.7
822	1/14/2016 23:31:12	10.87	40.30	25.67	9.24	7.92	14.0	2.493	98.3	3.0	0.7
823	1/14/2016 23:46:12	10.88	40.64	25.91	9.27	7.93	14.5	2.586	98.9	2.4	0.6
824	1/15/2016 00:01:12	10.86	40.32	25.69	9.31	7.93	13.5	2.679	99.0	2.9	0.7
825	1/15/2016 00:16:12	10.87	40.49	25.81	9.29	7.93	14.6	2.777	99.0	2.7	0.6
826	1/15/2016 00:31:12	10.86	40.53	25.83	9.30	7.93	14.4	2.859	99.0	2.6	0.6
827	1/15/2016 00:46:12	10.90	40.84	26.06	9.27	7.94	15.7	2.961	99.0	2.6	0.6
828	1/15/2016 01:01:12	10.94	40.94	26.13	9.26	7.94	21.0	3.063	99.0	2.9	0.7
829	1/15/2016 01:16:12	10.99	41.10	26.24	9.30	7.96	22.5	3.161	99.5	2.8	0.7
830	1/15/2016 01:31:13	11.02	39.35	25.01	9.40	7.96	22.2	3.275	99.9	2.7	0.6
831	1/15/2016 01:46:13	11.13	40.12	25.56	9.39	7.98	21.6	3.381	100.4	2.3	0.5
832	1/15/2016 02:01:12	11.25	43.13	27.69	9.31	8.01	30.2	3.472	101.2	2.9	0.7
833	1/15/2016 02:16:11	11.31	43.47	27.93	9.32	8.02	31.0	3.571	101.6	2.8	0.7
834	1/15/2016 02:31:12	11.32	43.76	28.13	9.32	8.03	26.2	3.660	101.7	2.3	0.5
835	1/15/2016 02:46:12	11.33	44.04	28.34	9.30	8.03	25.5	3.747	101.6	2.6	0.6
836	1/15/2016 03:01:12	11.34	43.96	28.28	9.31	8.04	24.0	3.826	101.7	1.9	0.4
837	1/15/2016 03:16:12	11.35	44.22	28.47	9.32	8.04	24.5	3.885	102.0	2.3	0.5
838	1/15/2016 03:31:12	11.37	44.26	28.50	9.35	8.05	23.0	3.915	102.4	1.7	0.4
839	1/15/2016 03:46:12	11.37	44.07	28.36	9.33	8.05	20.5	3.956	102.0	1.9	0.4
840	1/15/2016 04:01:12	11.39	44.24	28.48	9.26	8.05	11.1	3.977	101.4	2.2	0.5
841	1/15/2016 04:16:12	11.40	44.21	28.46	9.30	8.05	19.2	3.958	101.9	1.6	0.4
842	1/15/2016 04:31:13	11.04	40.82	26.04	9.38	8.01	14.2	3.936	100.4	2.1	0.5
843	1/15/2016 04:46:13	10.99	40.86	26.07	9.39	8.01	11.4	3.894	100.4	2.0	0.5
844	1/15/2016 05:01:13	10.72	39.62	25.19	9.43	7.98	13.5	3.808	99.7	2.0	0.5
845	1/15/2016 05:16:12	11.00	42.46	27.20	9.34	8.01	14.1	3.735	100.6	2.3	0.5
846	1/15/2016 05:31:12	10.84	41.55	26.55	9.39	8.00	15.1	3.631	100.4	2.4	0.6
847	1/15/2016 05:46:13	10.89	39.70	25.25	9.38	7.99	15.7	3.557	99.6	2.5	0.6
848	1/15/2016 06:01:12	10.73	41.00	26.16	9.39	7.98	16.0	3.449	99.9	2.3	0.5
849	1/15/2016 06:16:12	10.75	41.03	26.18	9.35	7.98	14.1	3.341	99.5	2.4	0.6
850	1/15/2016 06:31:12	10.64	40.66	25.92	9.30	7.95	16.6	3.274	98.6	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
851	1/15/2016 06:46:13	10.61	38.91	24.69	9.39	7.94	13.3	3.174	98.7	2.5	0.6
852	1/15/2016 07:01:12	10.57	40.44	25.76	9.32	7.94	12.4	3.075	98.6	2.3	0.5
853	1/15/2016 07:16:12	10.54	40.37	25.71	9.31	7.94	10.1	2.984	98.4	2.6	0.6
854	1/15/2016 07:31:12	10.48	40.57	25.85	9.34	7.94	9.8	2.906	98.6	2.4	0.6
855	1/15/2016 07:46:12	10.47	40.62	25.88	9.34	7.94	9.4	2.817	98.6	2.4	0.6
856	1/15/2016 08:01:12	10.43	40.39	25.71	9.31	7.93	9.3	2.756	98.1	1.9	0.4
857	1/15/2016 08:16:12	10.41	40.22	25.60	9.30	7.92	8.6	2.661	97.9	2.1	0.5
858	1/15/2016 08:31:12	10.37	40.16	25.55	9.32	7.92	9.0	2.592	98.0	2.2	0.5
859	1/15/2016 08:46:12	10.36	40.10	25.51	9.28	7.92	8.9	2.534	97.5	2.2	0.5
860	1/15/2016 09:01:12	10.35	40.01	25.44	9.30	7.92	9.2	2.461	97.7	2.2	0.5
861	1/15/2016 09:16:12	10.34	40.06	25.48	9.28	7.92	8.7	2.400	97.5	2.4	0.6
862	1/15/2016 09:31:12	10.35	40.04	25.46	9.28	7.91	9.1	2.372	97.5	2.0	0.5
863	1/15/2016 09:46:12	10.36	40.05	25.48	9.22	7.91	8.0	2.348	96.9	2.0	0.5
864	1/15/2016 10:01:12	10.36	39.95	25.41	9.24	7.90	7.9	2.316	97.1	2.6	0.6
865	1/15/2016 10:16:12	10.36	39.83	25.32	9.25	7.90	8.1	2.313	97.1	2.5	0.6
866	1/15/2016 10:31:12	10.38	39.91	25.38	9.29	7.90	7.8	2.361	97.6	2.5	0.6
867	1/15/2016 10:46:12	10.41	40.03	25.46	9.25	7.90	8.2	2.384	97.3	2.3	0.5
868	1/15/2016 11:01:12	10.41	39.65	25.20	9.27	7.90	8.3	2.422	97.4	2.2	0.5
869	1/15/2016 11:16:12	10.40	39.73	25.25	9.26	7.90	9.0	2.495	97.3	2.2	0.5
870	1/15/2016 11:31:13	10.38	38.00	24.04	9.36	7.90	10.0	2.578	97.5	2.6	0.6
871	1/15/2016 11:46:13	10.41	38.33	24.27	9.33	7.90	11.2	2.646	97.5	2.4	0.6
872	1/15/2016 12:01:12	10.55	40.24	25.62	9.24	7.92	15.5	2.718	97.6	2.2	0.5
873	1/15/2016 12:16:12	10.62	40.57	25.85	9.24	7.93	14.4	2.793	97.9	2.6	0.6
874	1/15/2016 12:31:12	10.67	40.94	26.12	9.24	7.94	15.6	2.875	98.1	2.1	0.5
875	1/15/2016 12:46:12	10.72	41.05	26.19	9.27	7.94	15.8	2.940	98.6	2.0	0.5
876	1/15/2016 13:01:12	10.74	41.10	26.23	9.29	7.95	12.8	3.003	98.9	2.3	0.5
877	1/15/2016 13:16:12	10.76	41.18	26.29	9.29	7.95	12.7	3.092	99.0	1.4	0.3
878	1/15/2016 13:31:12	10.83	41.51	26.52	9.27	7.96	15.0	3.153	99.1	2.5	0.6
879	1/15/2016 13:46:12	10.88	41.56	26.56	9.30	7.97	15.4	3.236	99.6	2.1	0.5
880	1/15/2016 14:01:12	10.92	41.58	26.57	9.32	7.97	14.7	3.313	99.9	2.3	0.5
881	1/15/2016 14:16:12	10.93	41.73	26.68	9.32	7.98	17.3	3.376	99.9	2.2	0.5
882	1/15/2016 14:31:12	10.96	41.72	26.67	9.34	7.98	18.1	3.440	100.2	2.1	0.5
883	1/15/2016 14:46:12	11.00	41.94	26.83	9.33	7.99	15.9	3.487	100.3	2.0	0.5
884	1/15/2016 15:01:12	11.03	41.98	26.86	9.33	7.99	15.7	3.534	100.4	2.5	0.6
885	1/15/2016 15:16:12	11.05	42.14	26.97	9.33	8.00	14.6	3.580	100.5	1.6	0.4
886	1/15/2016 15:31:12	11.07	42.25	27.06	9.33	8.00	13.3	3.617	100.6	2.2	0.5
887	1/15/2016 15:46:12	11.09	42.31	27.10	9.26	8.00	8.4	3.614	99.9	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
888	1/15/2016 16:01:13	11.06	40.21	25.62	9.37	7.99	11.5	3.609	100.0	2.1	0.5
889	1/15/2016 16:16:12	11.06	42.36	27.14	9.26	8.00	12.6	3.597	99.9	2.0	0.5
890	1/15/2016 16:31:13	10.95	39.22	24.92	9.42	7.97	9.8	3.566	99.9	2.5	0.6
891	1/15/2016 16:46:12	10.97	41.58	26.58	9.31	7.98	13.1	3.486	99.9	1.9	0.5
892	1/15/2016 17:01:12	10.90	40.29	25.67	9.36	7.96	11.1	3.418	99.7	2.6	0.6
893	1/15/2016 17:16:12	10.88	40.26	25.64	9.36	7.96	14.1	3.346	99.6	2.4	0.6
894	1/15/2016 17:31:13	10.87	39.27	24.95	9.35	7.96	18.0	3.265	99.0	3.0	0.7
895	1/15/2016 17:46:12	10.84	40.65	25.91	9.25	7.95	15.1	3.176	98.5	2.6	0.6
896	1/15/2016 18:01:12	10.81	40.41	25.75	9.25	7.94	13.4	3.096	98.3	2.4	0.6
897	1/15/2016 18:16:12	10.75	39.99	25.45	9.28	7.93	12.5	2.998	98.4	1.9	0.4
898	1/15/2016 18:31:12	10.73	40.04	25.48	9.25	7.92	9.7	2.908	98.0	2.0	0.5
899	1/15/2016 18:46:12	10.71	40.00	25.46	9.23	7.92	8.7	2.822	97.7	1.6	0.4
900	1/15/2016 19:01:12	10.69	40.10	25.52	9.25	7.92	8.4	2.725	97.9	2.6	0.6
901	1/15/2016 19:16:12	10.67	39.88	25.37	9.27	7.92	8.7	2.629	98.0	2.3	0.5
902	1/15/2016 19:31:12	10.62	39.81	25.31	9.29	7.92	9.0	2.547	98.0	2.1	0.5
903	1/15/2016 19:46:12	10.60	39.71	25.25	9.31	7.91	9.6	2.451	98.2	2.4	0.6
904	1/15/2016 20:01:13	10.54	38.06	24.09	9.40	7.90	11.0	2.357	98.3	2.3	0.5
905	1/15/2016 20:16:13	10.54	38.04	24.08	9.41	7.90	14.7	2.262	98.4	3.0	0.7
906	1/15/2016 20:31:12	10.53	39.14	24.85	9.37	7.90	15.4	2.174	98.5	2.6	0.6
907	1/15/2016 20:46:12	10.52	39.41	25.03	9.37	7.90	14.5	2.102	98.6	3.0	0.7
908	1/15/2016 21:01:12	10.52	39.38	25.01	9.37	7.90	13.7	2.032	98.5	2.9	0.7
909	1/15/2016 21:16:13	10.50	39.04	24.77	9.41	7.90	13.2	1.979	98.7	2.9	0.7
910	1/15/2016 21:31:12	10.51	39.12	24.83	9.39	7.90	11.3	1.952	98.6	2.6	0.6
911	1/15/2016 21:46:12	10.52	39.07	24.80	9.34	7.89	8.6	1.930	98.1	3.1	0.7
912	1/15/2016 22:01:12	10.51	39.05	24.78	9.41	7.89	10.6	1.943	98.8	3.0	0.7
913	1/15/2016 22:16:12	10.52	39.17	24.87	9.36	7.89	12.7	1.995	98.4	2.7	0.6
914	1/15/2016 22:31:12	10.52	39.17	24.87	9.33	7.89	13.3	2.020	98.0	2.1	0.5
915	1/15/2016 22:46:12	10.52	39.08	24.80	9.32	7.89	11.9	2.083	97.9	2.5	0.6
916	1/15/2016 23:01:12	10.52	38.85	24.64	9.34	7.89	10.8	2.166	98.0	2.8	0.7
917	1/15/2016 23:16:12	10.52	38.81	24.61	9.32	7.89	11.1	2.222	97.8	2.7	0.6
918	1/15/2016 23:31:12	10.53	38.56	24.44	9.33	7.89	10.8	2.315	97.8	3.1	0.7
919	1/15/2016 23:46:12	10.55	38.39	24.32	9.34	7.89	11.9	2.401	97.8	2.4	0.6
920	1/16/2016 00:01:12	10.63	39.33	24.98	9.27	7.91	13.1	2.471	97.7	2.6	0.6
921	1/16/2016 00:16:12	10.67	39.66	25.22	9.25	7.91	13.6	2.560	97.7	3.4	0.8
922	1/16/2016 00:31:12	10.64	39.17	24.87	9.35	7.91	12.7	2.646	98.5	3.1	0.7
923	1/16/2016 00:46:12	10.67	39.74	25.27	9.34	7.92	13.4	2.735	98.7	2.9	0.7
924	1/16/2016 01:01:12	10.71	40.20	25.60	9.35	7.93	13.8	2.828	99.1	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
925	1/16/2016 01:16:12	10.73	40.30	25.66	9.34	7.93	13.7	2.915	99.1	2.7	0.6
926	1/16/2016 01:31:12	10.78	40.35	25.70	9.37	7.94	18.0	3.010	99.5	2.2	0.5
927	1/16/2016 01:46:12	10.84	40.61	25.89	9.37	7.95	18.8	3.122	99.8	2.7	0.6
928	1/16/2016 02:01:12	10.89	40.88	26.08	9.39	7.96	18.5	3.202	100.2	2.8	0.7
929	1/16/2016 02:16:12	10.93	41.13	26.26	9.39	7.97	20.4	3.300	100.4	2.2	0.5
930	1/16/2016 02:31:12	11.03	41.84	26.76	9.41	7.99	21.7	3.425	101.2	2.4	0.6
931	1/16/2016 02:46:12	11.17	42.82	27.46	9.39	8.01	26.0	3.509	101.7	2.4	0.6
932	1/16/2016 03:01:12	11.27	43.49	27.94	9.40	8.03	29.4	3.624	102.4	2.8	0.7
933	1/16/2016 03:16:12	11.32	43.80	28.16	9.41	8.03	29.3	3.698	102.8	2.2	0.5
934	1/16/2016 03:31:12	11.35	43.90	28.24	9.41	8.04	28.6	3.789	102.8	2.3	0.5
935	1/16/2016 03:46:12	11.40	44.25	28.49	9.41	8.04	29.6	3.875	103.1	2.5	0.6
936	1/16/2016 04:01:12	11.46	44.32	28.54	9.42	8.05	29.4	3.919	103.4	1.7	0.4
937	1/16/2016 04:16:12	11.53	44.82	28.90	9.41	8.06	30.7	3.971	103.6	2.2	0.5
938	1/16/2016 04:31:13	11.58	42.93	27.56	9.50	8.06	28.3	4.023	103.8	2.1	0.5
939	1/16/2016 04:46:13	11.60	42.85	27.50	9.48	8.07	24.5	4.056	103.7	2.1	0.5
940	1/16/2016 05:01:13	11.59	42.78	27.45	9.42	8.07	17.5	4.064	103.0	1.7	0.4
941	1/16/2016 05:16:12	11.59	45.05	29.07	9.33	8.07	23.6	4.022	103.0	1.7	0.4
942	1/16/2016 05:31:12	11.50	44.50	28.67	9.36	8.06	20.7	4.000	102.9	1.3	0.3
943	1/16/2016 05:46:12	11.34	43.43	27.91	9.42	8.04	15.8	3.913	102.7	2.1	0.5
944	1/16/2016 06:01:12	11.25	42.75	27.42	9.45	8.02	14.7	3.860	102.5	1.7	0.4
945	1/16/2016 06:16:13	11.20	40.62	25.91	9.52	8.01	12.9	3.784	102.2	2.0	0.5
946	1/16/2016 06:31:12	11.21	42.72	27.40	9.38	8.01	17.7	3.694	101.7	2.2	0.5
947	1/16/2016 06:46:13	11.08	40.03	25.49	9.50	7.99	16.3	3.627	101.4	2.6	0.6
948	1/16/2016 07:01:13	11.00	39.47	25.10	9.52	7.99	16.2	3.534	101.2	2.3	0.5
949	1/16/2016 07:16:12	11.05	41.58	26.58	9.41	7.99	17.0	3.442	101.1	2.4	0.6
950	1/16/2016 07:31:12	10.88	40.20	25.60	9.48	7.96	14.7	3.360	100.9	2.0	0.5
951	1/16/2016 07:46:12	10.89	40.40	25.74	9.43	7.96	15.8	3.251	100.5	2.6	0.6
952	1/16/2016 08:01:12	10.85	40.21	25.61	9.43	7.95	14.6	3.164	100.3	2.7	0.6
953	1/16/2016 08:16:12	10.83	40.08	25.52	9.42	7.95	13.0	3.074	100.1	2.5	0.6
954	1/16/2016 08:31:12	10.82	40.23	25.62	9.40	7.94	11.7	2.984	99.8	2.5	0.6
955	1/16/2016 08:46:12	10.79	39.81	25.32	9.43	7.94	9.5	2.888	100.0	2.3	0.5
956	1/16/2016 09:01:12	10.82	40.05	25.49	9.41	7.94	9.2	2.817	99.9	2.2	0.5
957	1/16/2016 09:16:13	10.82	38.72	24.57	9.45	7.94	8.3	2.739	99.7	2.0	0.5
958	1/16/2016 09:31:12	10.84	40.05	25.50	9.39	7.93	9.3	2.641	99.7	2.2	0.5
959	1/16/2016 09:46:13	10.84	38.56	24.45	9.49	7.93	8.4	2.624	100.2	2.5	0.6
960	1/16/2016 10:01:12	10.82	39.70	25.25	9.44	7.92	8.9	2.506	100.1	2.5	0.6
961	1/16/2016 10:16:12	10.84	39.53	25.13	9.48	7.93	8.9	2.446	100.4	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
962	1/16/2016 10:31:12	10.86	39.51	25.12	9.47	7.92	9.4	2.377	100.4	2.1	0.5
963	1/16/2016 10:46:12	10.82	39.26	24.94	9.47	7.92	8.5	2.372	100.1	2.2	0.5
964	1/16/2016 11:01:12	10.82	39.17	24.88	9.47	7.91	9.0	2.350	100.1	2.7	0.6
965	1/16/2016 11:16:12	10.80	39.04	24.78	9.41	7.91	9.0	2.286	99.4	2.8	0.6
966	1/16/2016 11:31:12	10.84	39.08	24.82	9.35	7.90	8.4	2.350	98.9	2.6	0.6
967	1/16/2016 11:46:12	10.91	39.04	24.79	9.51	7.91	8.7	2.331	100.7	2.5	0.6
968	1/16/2016 12:01:12	10.86	39.28	24.96	9.42	7.91	9.4	2.333	99.7	2.8	0.7
969	1/16/2016 12:16:12	10.84	39.37	25.02	9.36	7.91	8.5	2.431	99.1	2.2	0.5
970	1/16/2016 12:31:12	10.84	38.93	24.71	9.43	7.91	9.4	2.462	99.7	2.1	0.5
971	1/16/2016 12:46:12	10.84	39.11	24.84	9.42	7.91	11.2	2.574	99.6	2.6	0.6
972	1/16/2016 13:01:12	10.83	39.18	24.89	9.41	7.91	10.5	2.592	99.6	2.3	0.5
973	1/16/2016 13:16:12	10.82	39.34	24.99	9.36	7.91	13.0	2.624	99.1	2.4	0.6
974	1/16/2016 13:31:12	10.85	39.35	25.00	9.33	7.92	12.2	2.695	98.8	2.5	0.6
975	1/16/2016 13:46:12	10.86	39.85	25.35	9.33	7.93	13.0	2.825	99.0	2.5	0.6
976	1/16/2016 14:01:12	10.91	40.10	25.53	9.35	7.94	13.5	2.861	99.5	2.1	0.5
977	1/16/2016 14:16:12	10.96	40.11	25.55	9.38	7.94	11.5	2.907	99.9	2.4	0.6
978	1/16/2016 14:31:12	10.95	40.31	25.68	9.37	7.94	13.0	2.916	99.9	2.4	0.6
979	1/16/2016 14:46:12	10.97	40.38	25.73	9.39	7.94	12.5	3.028	100.2	2.7	0.6
980	1/16/2016 15:01:12	10.99	40.51	25.82	9.38	7.95	12.7	3.127	100.2	2.4	0.6
981	1/16/2016 15:16:12	11.01	40.82	26.04	9.37	7.96	13.4	3.175	100.3	2.2	0.5
982	1/16/2016 15:31:12	11.05	41.02	26.19	9.39	7.96	15.2	3.182	100.6	2.5	0.6
983	1/16/2016 15:46:12	11.08	41.08	26.23	9.38	7.97	11.5	3.306	100.6	2.0	0.5
984	1/16/2016 16:01:12	11.09	41.13	26.26	9.40	7.97	11.7	3.369	100.9	2.0	0.5
985	1/16/2016 16:16:12	11.09	41.23	26.34	9.38	7.98	12.8	3.373	100.7	1.8	0.4
986	1/16/2016 16:31:12	11.09	41.43	26.48	9.31	7.98	9.0	3.365	100.0	1.8	0.4
987	1/16/2016 16:46:12	11.10	41.38	26.44	9.30	7.98	10.6	3.435	100.0	2.0	0.5
988	1/16/2016 17:01:13	11.09	39.83	25.35	9.35	7.98	7.8	3.442	99.8	2.1	0.5
989	1/16/2016 17:16:12	11.10	41.32	26.40	9.31	7.98	8.1	3.406	100.0	2.1	0.5
990	1/16/2016 17:31:12	11.10	41.39	26.45	9.30	7.97	10.4	3.369	100.0	1.9	0.4
991	1/16/2016 17:46:13	11.09	39.78	25.31	9.40	7.97	13.9	3.330	100.3	2.4	0.6
992	1/16/2016 18:01:12	11.11	41.10	26.25	9.32	7.97	13.7	3.355	100.0	1.8	0.4
993	1/16/2016 18:16:12	11.20	40.07	25.52	9.37	7.95	12.3	3.330	100.3	2.3	0.5
994	1/16/2016 18:31:12	11.17	39.87	25.38	9.38	7.95	12.2	3.218	100.2	2.6	0.6
995	1/16/2016 18:46:12	11.17	39.71	25.27	9.36	7.94	13.7	3.135	100.0	2.6	0.6
996	1/16/2016 19:01:12	11.16	40.03	25.49	9.29	7.94	12.6	3.117	99.4	2.4	0.6
997	1/16/2016 19:16:12	11.14	39.48	25.11	9.33	7.93	11.5	3.032	99.5	2.5	0.6
998	1/16/2016 19:31:12	11.11	39.60	25.19	9.28	7.92	10.6	2.913	98.9	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
999	1/16/2016 19:46:12	11.09	39.46	25.09	9.29	7.92	10.6	2.880	98.9	2.5	0.6
1000	1/16/2016 20:01:13	11.05	39.28	24.96	9.30	7.91	9.2	2.775	98.9	2.2	0.5
1001	1/16/2016 20:16:12	11.03	39.39	25.04	9.31	7.91	8.6	2.731	99.0	2.3	0.5
1002	1/16/2016 20:31:12	11.00	39.34	25.00	9.29	7.91	9.1	2.608	98.7	2.2	0.5
1003	1/16/2016 20:46:12	10.96	39.33	25.00	9.28	7.91	9.0	2.558	98.5	2.9	0.7
1004	1/16/2016 21:01:12	10.96	38.96	24.73	9.28	7.90	9.2	2.520	98.4	2.5	0.6
1005	1/16/2016 21:16:12	10.97	38.84	24.65	9.30	7.90	8.5	2.406	98.5	2.3	0.5
1006	1/16/2016 21:31:12	10.93	38.95	24.73	9.29	7.90	9.7	2.325	98.4	2.9	0.7
1007	1/16/2016 21:46:12	10.95	38.70	24.56	9.31	7.90	8.9	2.256	98.6	3.0	0.7
1008	1/16/2016 22:01:12	10.97	38.54	24.44	9.34	7.89	7.9	2.197	98.8	2.6	0.6
1009	1/16/2016 22:16:12	10.98	38.49	24.41	9.38	7.89	9.1	2.123	99.2	2.4	0.6
1010	1/16/2016 22:31:12	10.98	38.45	24.38	9.36	7.89	9.7	2.139	99.0	2.7	0.6
1011	1/16/2016 22:46:12	10.98	38.46	24.39	9.40	7.89	8.8	2.159	99.5	2.8	0.7
1012	1/16/2016 23:01:12	10.96	38.57	24.46	9.42	7.89	9.7	2.148	99.6	2.7	0.6
1013	1/16/2016 23:16:12	10.95	38.63	24.51	9.38	7.89	18.0	2.163	99.2	3.1	0.7
1014	1/16/2016 23:31:12	10.96	38.63	24.51	9.37	7.89	10.4	2.206	99.2	2.4	0.6
1015	1/16/2016 23:46:12	10.96	38.51	24.42	9.35	7.89	10.1	2.225	98.9	2.4	0.6
1016	1/17/2016 00:01:12	10.96	38.67	24.53	9.31	7.89	10.8	2.290	98.5	2.6	0.6
1017	1/17/2016 00:16:13	10.96	38.38	24.33	9.30	7.89	9.8	2.346	98.3	2.5	0.6
1018	1/17/2016 00:31:12	10.99	38.58	24.47	9.29	7.89	9.5	2.473	98.4	2.8	0.7
1019	1/17/2016 00:46:12	11.04	38.77	24.61	9.31	7.90	12.1	2.539	98.8	2.7	0.6
1020	1/17/2016 01:01:13	11.03	38.50	24.42	9.37	7.91	11.7	2.623	99.3	2.5	0.6
1021	1/17/2016 01:16:13	11.01	39.21	24.92	9.38	7.91	13.7	2.669	99.6	2.6	0.6
1022	1/17/2016 01:31:12	11.02	39.56	25.16	9.39	7.92	14.2	2.771	99.9	3.0	0.7
1023	1/17/2016 01:46:12	11.04	39.76	25.30	9.42	7.93	13.8	2.842	100.4	2.0	0.5
1024	1/17/2016 02:01:12	11.10	40.22	25.63	9.42	7.94	15.6	2.920	100.7	1.9	0.4
1025	1/17/2016 02:16:13	11.15	40.43	25.78	9.43	7.95	20.3	3.069	101.0	2.6	0.6
1026	1/17/2016 02:31:12	11.20	40.84	26.06	9.43	7.96	19.8	3.106	101.3	3.1	0.7
1027	1/17/2016 02:46:12	11.23	40.99	26.17	9.44	7.97	21.6	3.214	101.6	2.5	0.6
1028	1/17/2016 03:01:12	11.27	41.15	26.29	9.47	7.98	22.8	3.300	102.0	2.7	0.6
1029	1/17/2016 03:16:13	11.31	40.09	25.55	9.56	7.99	28.5	3.464	102.6	2.8	0.7
1030	1/17/2016 03:31:13	11.44	40.88	26.10	9.66	8.01	30.9	3.558	104.4	2.8	0.7
1031	1/17/2016 03:46:12	11.52	43.03	27.63	9.70	8.02	34.5	3.599	106.0	2.8	0.7
1032	1/17/2016 04:01:12	11.66	43.28	27.81	9.89	8.04	33.1	3.739	108.5	2.2	0.5
1033	1/17/2016 04:16:12	11.74	43.74	28.14	9.98	8.05	36.0	3.846	109.9	2.5	0.6
1034	1/17/2016 04:31:13	11.75	41.66	26.66	10.08	8.05	29.6	3.884	110.0	2.4	0.6
1035	1/17/2016 04:46:12	11.79	43.74	28.14	9.97	8.06	26.8	3.988	109.9	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
1036	1/17/2016 05:01:12	11.80	43.99	28.32	9.95	8.06	23.6	4.026	109.8	2.0	0.5
1037	1/17/2016 05:16:13	11.81	42.00	26.91	10.04	8.06	23.9	4.094	109.9	1.7	0.4
1038	1/17/2016 05:31:12	11.82	44.13	28.42	9.92	8.06	21.5	4.129	109.7	2.2	0.5
1039	1/17/2016 05:46:12	11.83	44.28	28.53	9.83	8.06	15.8	4.124	108.8	1.6	0.4
1040	1/17/2016 06:01:12	11.83	44.17	28.45	9.83	8.06	19.9	4.121	108.7	1.6	0.4
1041	1/17/2016 06:16:12	11.79	43.95	28.29	9.83	8.06	18.9	4.099	108.4	2.0	0.5
1042	1/17/2016 06:31:12	11.69	42.62	27.34	9.79	8.04	17.2	4.028	107.1	1.4	0.3
1043	1/17/2016 06:46:13	11.62	39.89	25.41	9.82	8.02	12.6	3.986	106.0	2.1	0.5
1044	1/17/2016 07:01:13	11.66	40.64	25.94	9.84	8.03	16.8	3.905	106.7	1.7	0.4
1045	1/17/2016 07:16:12	11.56	40.68	25.97	9.69	8.00	13.0	3.816	104.8	1.9	0.4
1046	1/17/2016 07:31:13	11.58	39.21	24.93	9.78	8.00	14.2	3.730	105.2	2.2	0.5
1047	1/17/2016 07:46:12	11.59	40.47	25.82	9.79	8.01	18.3	3.609	105.9	2.2	0.5
1048	1/17/2016 08:01:13	11.59	38.91	24.72	9.87	8.01	16.9	3.526	106.0	1.9	0.5
1049	1/17/2016 08:16:13	11.57	40.44	25.80	9.76	8.01	15.1	3.446	105.6	2.1	0.5
1050	1/17/2016 08:31:13	11.52	38.85	24.68	9.77	8.00	15.0	3.344	104.8	1.4	0.3
1051	1/17/2016 08:46:13	11.47	39.39	25.05	9.65	7.99	14.9	3.261	103.6	2.1	0.5
1052	1/17/2016 09:01:13	11.40	39.39	25.06	9.45	7.97	15.7	3.144	101.4	2.2	0.5
1053	1/17/2016 09:16:13	11.38	38.86	24.68	9.48	7.96	15.8	3.075	101.3	2.4	0.6
1054	1/17/2016 09:31:12	11.39	39.53	25.15	9.45	7.95	14.5	2.971	101.4	2.2	0.5
1055	1/17/2016 09:46:12	11.39	39.39	25.06	9.48	7.95	16.3	2.888	101.6	2.5	0.6
1056	1/17/2016 10:01:13	11.39	39.41	25.07	9.48	7.95	15.1	2.808	101.6	2.2	0.5
1057	1/17/2016 10:16:13	11.38	39.38	25.05	9.50	7.95	14.1	2.704	101.8	1.9	0.5
1058	1/17/2016 10:31:13	11.37	39.24	24.95	9.48	7.95	13.9	2.638	101.5	2.4	0.6
1059	1/17/2016 10:46:13	11.37	39.24	24.95	9.47	7.94	12.9	2.545	101.4	2.1	0.5
1060	1/17/2016 11:01:12	11.37	39.22	24.94	9.45	7.94	13.4	2.436	101.2	2.5	0.6
1061	1/17/2016 11:16:12	11.37	39.12	24.86	9.43	7.93	11.9	2.412	100.9	2.1	0.5
1062	1/17/2016 11:31:12	11.40	38.98	24.77	9.42	7.93	10.3	2.325	100.8	2.2	0.5
1063	1/17/2016 11:46:12	11.37	38.91	24.72	9.40	7.93	9.9	2.250	100.6	1.9	0.4
1064	1/17/2016 12:01:12	11.39	38.80	24.64	9.36	7.92	9.5	2.206	100.1	2.4	0.6
1065	1/17/2016 12:16:12	11.43	38.68	24.56	9.36	7.92	12.8	2.202	100.1	2.1	0.5
1066	1/17/2016 12:31:12	11.39	38.81	24.65	9.42	7.92	12.8	2.213	100.7	2.3	0.5
1067	1/17/2016 12:46:12	11.35	38.98	24.76	9.33	7.91	11.7	2.244	99.8	2.0	0.5
1068	1/17/2016 13:01:13	11.35	38.92	24.72	9.33	7.91	13.3	2.265	99.7	2.6	0.6
1069	1/17/2016 13:16:13	11.40	38.57	24.48	9.42	7.92	13.6	2.222	100.6	2.3	0.5
1070	1/17/2016 13:31:12	11.39	38.91	24.71	9.39	7.92	11.1	2.314	100.4	2.0	0.5
1071	1/17/2016 13:46:12	11.38	38.93	24.73	9.40	7.92	12.1	2.348	100.5	2.5	0.6
1072	1/17/2016 14:01:12	11.37	38.40	24.36	9.38	7.92	12.4	2.417	100.0	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
1073	1/17/2016 14:16:12	11.39	37.85	23.98	9.39	7.91	14.4	2.461	100.0	2.7	0.6
1074	1/17/2016 14:31:12	11.40	38.15	24.19	9.37	7.91	12.0	2.544	99.9	2.5	0.6
1075	1/17/2016 14:46:12	11.41	38.33	24.31	9.38	7.92	12.2	2.599	100.1	2.9	0.7
1076	1/17/2016 15:01:12	11.43	38.08	24.14	9.41	7.92	12.5	2.664	100.3	2.4	0.6
1077	1/17/2016 15:16:12	11.45	37.98	24.07	9.44	7.93	11.4	2.738	100.7	2.3	0.5
1078	1/17/2016 15:31:12	11.48	38.18	24.21	9.46	7.93	11.1	2.822	101.0	2.5	0.6
1079	1/17/2016 15:46:12	11.49	38.64	24.53	9.50	7.94	10.8	2.880	101.7	2.5	0.6
1080	1/17/2016 16:01:12	11.48	38.79	24.63	9.52	7.95	10.4	2.933	102.0	2.4	0.6
1081	1/17/2016 16:16:12	11.47	39.28	24.98	9.52	7.95	10.5	2.991	102.2	2.3	0.5
1082	1/17/2016 16:31:12	11.47	39.59	25.20	9.50	7.96	9.7	3.033	102.1	2.1	0.5
1083	1/17/2016 16:46:12	11.46	39.75	25.31	9.51	7.96	11.2	3.138	102.3	2.2	0.5
1084	1/17/2016 17:01:13	11.47	39.84	25.37	9.52	7.96	11.1	3.208	102.5	1.9	0.5
1085	1/17/2016 17:16:12	11.49	40.01	25.50	9.46	7.96	11.4	3.225	101.9	2.1	0.5
1086	1/17/2016 17:31:12	11.50	39.97	25.46	9.53	7.97	10.8	3.260	102.6	2.2	0.5
1087	1/17/2016 17:46:12	11.51	40.14	25.58	9.54	7.97	10.2	3.295	102.8	2.1	0.5
1088	1/17/2016 18:01:13	11.50	40.06	25.53	9.53	7.97	9.5	3.341	102.7	2.0	0.5
1089	1/17/2016 18:16:12	11.50	40.11	25.56	9.40	7.96	9.7	3.333	101.3	2.2	0.5
1090	1/17/2016 18:31:12	11.50	40.05	25.52	9.41	7.96	9.6	3.354	101.5	2.2	0.5
1091	1/17/2016 18:46:12	11.51	40.01	25.49	9.45	7.97	9.5	3.349	101.9	1.7	0.4
1092	1/17/2016 19:01:12	11.51	40.14	25.58	9.41	7.96	10.5	3.313	101.5	1.9	0.4
1093	1/17/2016 19:16:12	11.50	39.92	25.43	9.37	7.96	11.7	3.285	101.0	2.0	0.5
1094	1/17/2016 19:31:12	11.48	39.64	25.23	9.33	7.94	14.7	3.253	100.3	2.3	0.5
1095	1/17/2016 19:46:12	11.47	39.30	24.99	9.30	7.94	15.8	3.178	99.9	2.3	0.5
1096	1/17/2016 20:01:12	11.47	39.05	24.82	9.28	7.93	14.3	3.163	99.5	2.8	0.7
1097	1/17/2016 20:16:12	11.46	38.98	24.77	9.26	7.93	13.7	3.098	99.2	2.3	0.5
1098	1/17/2016 20:31:12	11.46	38.91	24.72	9.27	7.93	13.6	2.992	99.3	2.6	0.6
1099	1/17/2016 20:46:12	11.45	38.71	24.58	9.29	7.92	13.0	2.949	99.4	2.2	0.5
1100	1/17/2016 21:01:12	11.45	38.73	24.59	9.28	7.92	12.5	2.911	99.3	2.3	0.5
1101	1/17/2016 21:16:12	11.45	38.49	24.42	9.29	7.92	11.9	2.823	99.3	2.3	0.5
1102	1/17/2016 21:31:12	11.43	38.25	24.26	9.25	7.91	11.6	2.747	98.7	2.5	0.6
1103	1/17/2016 21:46:12	11.42	38.18	24.21	9.21	7.91	12.0	2.693	98.3	2.6	0.6
1104	1/17/2016 22:01:12	11.40	38.17	24.20	9.23	7.90	11.5	2.685	98.4	2.6	0.6
1105	1/17/2016 22:16:12	11.39	38.06	24.13	9.21	7.90	10.9	2.619	98.2	2.1	0.5
1106	1/17/2016 22:31:12	11.39	38.04	24.11	9.20	7.90	10.9	2.527	98.0	2.3	0.5
1107	1/17/2016 22:46:12	11.38	37.91	24.02	9.17	7.89	10.6	2.494	97.7	2.6	0.6
1108	1/17/2016 23:01:12	11.37	37.59	23.80	9.17	7.89	10.3	2.456	97.5	2.4	0.6
1109	1/17/2016 23:16:12	11.35	37.46	23.70	9.13	7.89	9.0	2.434	97.0	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	1/17/2016 23:31:13	11.34	37.48	23.72	9.10	7.88	9.5	2.395	96.6	2.4	0.6
1111	1/17/2016 23:46:13	11.35	37.48	23.72	9.09	7.88	10.4	2.406	96.6	3.0	0.7
1112	1/18/2016 00:01:13	11.38	37.39	23.66	9.22	7.89	16.6	2.435	97.9	2.8	0.7
1113	1/18/2016 00:16:13	11.37	37.65	23.84	9.21	7.89	13.3	2.405	97.9	2.4	0.6
1114	1/18/2016 00:31:12	11.38	37.73	23.90	9.21	7.89	14.9	2.431	98.0	3.1	0.7
1115	1/18/2016 00:46:12	11.38	37.87	23.99	9.18	7.89	13.0	2.446	97.7	3.1	0.7
1116	1/18/2016 01:01:12	11.38	37.61	23.81	9.21	7.89	21.1	2.535	97.9	2.9	0.7
1117	1/18/2016 01:16:12	11.39	37.55	23.77	9.23	7.89	18.3	2.552	98.1	3.2	0.8
1118	1/18/2016 01:31:12	11.41	37.89	24.00	9.21	7.89	18.7	2.647	98.1	2.4	0.6
1119	1/18/2016 01:46:12	11.41	37.76	23.91	9.24	7.89	23.0	2.724	98.3	3.1	0.7
1120	1/18/2016 02:01:12	11.44	37.64	23.83	9.29	7.90	24.5	2.783	98.9	2.9	0.7
1121	1/18/2016 02:16:12	11.42	37.23	23.55	9.32	7.89	30.2	2.905	99.0	3.5	0.8
1122	1/18/2016 02:31:12	11.41	37.25	23.56	9.43	7.90	33.8	2.927	100.2	3.5	0.8
1123	1/18/2016 02:46:12	11.40	36.80	23.25	9.49	7.91	25.7	3.025	100.5	3.4	0.8
1124	1/18/2016 03:01:12	11.43	37.42	23.68	9.52	7.92	20.9	3.106	101.2	3.3	0.8
1125	1/18/2016 03:16:12	11.46	38.00	24.09	9.55	7.93	22.8	3.201	101.9	3.1	0.7
1126	1/18/2016 03:31:12	11.49	38.25	24.26	9.55	7.94	23.3	3.274	102.0	3.0	0.7
1127	1/18/2016 03:46:12	11.51	38.39	24.35	9.58	7.95	28.0	3.373	102.5	3.5	0.8
1128	1/18/2016 04:01:12	11.56	38.77	24.62	9.61	7.96	32.2	3.473	103.1	3.5	0.8
1129	1/18/2016 04:16:13	11.59	39.42	25.08	9.64	7.97	40.8	3.566	103.8	3.4	0.8
1130	1/18/2016 04:31:13	11.62	39.76	25.32	9.69	7.98	44.7	3.672	104.6	3.5	0.8
1131	1/18/2016 04:46:13	11.73	40.09	25.56	9.75	8.01	63.7	3.747	105.7	3.6	0.9
1132	1/18/2016 05:01:12	11.80	41.70	26.69	9.72	8.02	90.0	3.836	106.3	3.9	0.9
1133	1/18/2016 05:16:12	11.85	42.01	26.91	9.75	8.03	67.3	3.924	106.8	3.7	0.9
1134	1/18/2016 05:31:12	11.89	42.23	27.08	9.81	8.04	83.1	3.985	107.7	3.8	0.9
1135	1/18/2016 05:46:12	11.90	42.38	27.18	9.89	8.04	40.8	4.036	108.7	2.9	0.7
1136	1/18/2016 06:01:12	11.91	42.28	27.11	9.96	8.05	33.2	4.115	109.3	2.5	0.6
1137	1/18/2016 06:16:12	11.94	42.51	27.28	9.90	8.05	28.0	4.121	108.9	2.8	0.6
1138	1/18/2016 06:31:12	11.94	42.58	27.32	9.85	8.05	15.3	4.151	108.4	2.1	0.5
1139	1/18/2016 06:46:12	11.94	42.57	27.32	9.89	8.05	24.6	4.143	108.8	2.0	0.5
1140	1/18/2016 07:01:13	11.93	41.30	26.42	9.96	8.05	32.8	4.131	108.9	2.6	0.6
1141	1/18/2016 07:16:12	11.93	42.58	27.32	9.90	8.05	35.8	4.076	108.9	3.0	0.7
1142	1/18/2016 07:31:12	11.90	42.35	27.16	9.86	8.05	32.3	4.012	108.3	2.7	0.6
1143	1/18/2016 07:46:12	11.87	42.05	26.95	9.81	8.04	34.7	3.924	107.6	2.8	0.7
1144	1/18/2016 08:01:13	11.60	39.79	25.34	9.79	8.02	50.4	3.860	105.6	3.2	0.8
1145	1/18/2016 08:16:12	11.61	39.59	25.20	9.70	8.00	43.5	3.784	104.6	3.1	0.7
1146	1/18/2016 08:31:12	11.58	39.12	24.87	9.60	7.99	32.9	3.693	103.2	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
1147	1/18/2016 08:46:12	11.45	37.81	23.95	9.62	7.97	31.1	3.568	102.5	2.9	0.7
1148	1/18/2016 09:01:12	11.18	36.47	23.01	9.56	7.91	24.6	3.484	100.7	3.3	0.8
1149	1/18/2016 09:16:12	11.38	37.65	23.83	9.58	7.95	24.5	3.389	101.9	3.3	0.8
1150	1/18/2016 09:31:12	11.44	37.95	24.05	9.55	7.95	26.4	3.290	101.9	2.9	0.7
1151	1/18/2016 09:46:12	11.39	37.67	23.85	9.51	7.94	34.7	3.200	101.2	3.3	0.8
1152	1/18/2016 10:01:13	11.37	37.53	23.75	9.50	7.92	29.1	3.103	100.9	3.2	0.8
1153	1/18/2016 10:16:12	11.44	37.48	23.72	9.50	7.93	14.2	2.994	101.1	2.4	0.6
1154	1/18/2016 10:31:12	11.47	37.52	23.75	9.48	7.92	15.3	2.893	100.9	2.6	0.6
1155	1/18/2016 10:46:12	11.50	37.15	23.49	9.46	7.91	12.7	2.800	100.7	2.4	0.6
1156	1/18/2016 11:01:12	11.51	36.97	23.37	9.44	7.90	15.3	2.678	100.4	2.8	0.7
1157	1/18/2016 11:16:12	11.58	36.81	23.26	9.44	7.90	22.1	2.574	100.5	3.0	0.7
1158	1/18/2016 11:31:13	11.63	36.81	23.26	9.43	7.89	26.2	2.480	100.5	3.8	0.9
1159	1/18/2016 11:46:13	11.72	36.67	23.17	9.47	7.90	26.6	2.388	101.1	3.4	0.8
1160	1/18/2016 12:01:12	11.75	36.63	23.14	9.50	7.89	26.9	2.276	101.4	3.5	0.8
1161	1/18/2016 12:16:12	11.78	36.56	23.09	9.50	7.89	29.7	2.183	101.4	3.0	0.7
1162	1/18/2016 12:31:12	11.72	36.43	23.00	9.42	7.88	30.3	2.110	100.4	3.4	0.8
1163	1/18/2016 12:46:12	11.75	36.47	23.03	9.40	7.88	30.4	2.045	100.2	3.5	0.8
1164	1/18/2016 13:01:13	11.72	36.43	23.00	9.36	7.88	29.5	1.968	99.8	3.5	0.8
1165	1/18/2016 13:16:13	11.62	36.38	22.97	9.29	7.86	19.7	1.968	98.8	3.1	0.7
1166	1/18/2016 13:31:13	11.62	36.36	22.95	9.29	7.86	21.6	1.958	98.8	3.1	0.7
1167	1/18/2016 13:46:12	11.73	36.45	23.01	9.45	7.87	24.1	1.977	100.8	3.4	0.8
1168	1/18/2016 14:01:12	11.57	36.44	23.01	9.37	7.87	16.8	1.980	99.5	3.1	0.7
1169	1/18/2016 14:16:12	11.53	36.44	23.00	9.37	7.86	18.6	2.050	99.5	3.5	0.8
1170	1/18/2016 14:31:12	11.49	36.27	22.88	9.33	7.86	23.2	2.083	98.8	3.2	0.7
1171	1/18/2016 14:46:12	11.44	36.15	22.80	9.31	7.85	19.8	2.163	98.5	2.5	0.6
1172	1/18/2016 15:01:12	11.45	35.93	22.65	9.33	7.85	20.5	2.224	98.6	3.1	0.7
1173	1/18/2016 15:16:12	11.44	35.55	22.38	9.32	7.85	18.9	2.284	98.3	3.5	0.8
1174	1/18/2016 15:31:12	11.38	34.92	21.94	9.37	7.84	18.1	2.390	98.4	3.3	0.8
1175	1/18/2016 15:46:12	11.35	34.68	21.78	9.41	7.84	18.3	2.447	98.8	3.4	0.8
1176	1/18/2016 16:01:12	11.34	35.05	22.03	9.41	7.85	17.5	2.509	98.8	3.2	0.8
1177	1/18/2016 16:16:12	11.34	35.20	22.13	9.44	7.86	16.9	2.584	99.2	3.7	0.9
1178	1/18/2016 16:31:12	11.34	35.44	22.30	9.47	7.87	17.7	2.636	99.7	3.1	0.7
1179	1/18/2016 16:46:12	11.33	34.93	21.95	9.54	7.87	20.3	2.709	100.2	3.3	0.8
1180	1/18/2016 17:01:12	11.34	35.14	22.10	9.54	7.88	18.2	2.780	100.3	3.8	0.9
1181	1/18/2016 17:16:12	11.34	35.11	22.07	9.55	7.88	16.9	2.837	100.3	3.5	0.8
1182	1/18/2016 17:31:12	11.35	35.35	22.24	9.54	7.89	16.3	2.899	100.4	3.1	0.7
1183	1/18/2016 17:46:12	11.37	35.78	22.54	9.55	7.89	16.3	2.983	100.7	3.2	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	1/18/2016 18:01:12	11.36	35.64	22.44	9.58	7.90	19.7	3.057	101.0	3.3	0.8
1185	1/18/2016 18:16:12	11.39	36.38	22.95	9.57	7.91	21.5	3.106	101.2	3.2	0.8
1186	1/18/2016 18:31:13	11.40	36.65	23.14	9.57	7.92	23.0	3.194	101.4	3.6	0.8
1187	1/18/2016 18:46:13	11.41	36.91	23.33	9.58	7.92	22.2	3.250	101.7	3.3	0.8
1188	1/18/2016 19:01:12	11.43	37.22	23.54	9.58	7.93	20.8	3.310	101.8	2.8	0.7
1189	1/18/2016 19:16:12	11.43	37.47	23.71	9.54	7.93	18.2	3.340	101.5	2.8	0.6
1190	1/18/2016 19:31:12	11.43	37.23	23.54	9.48	7.93	13.0	3.360	100.7	2.5	0.6
1191	1/18/2016 19:46:13	11.43	37.36	23.64	9.49	7.93	15.0	3.372	100.9	2.9	0.7
1192	1/18/2016 20:01:13	11.44	37.46	23.71	9.49	7.93	15.2	3.389	101.0	2.7	0.6
1193	1/18/2016 20:16:13	11.42	37.26	23.57	9.46	7.92	18.3	3.353	100.6	2.6	0.6
1194	1/18/2016 20:31:12	11.42	37.27	23.58	9.47	7.92	19.1	3.320	100.6	2.7	0.6
1195	1/18/2016 20:46:12	11.41	36.75	23.21	9.43	7.91	19.6	3.284	100.0	3.2	0.8
1196	1/18/2016 21:01:12	11.39	36.66	23.15	9.43	7.91	25.8	3.246	99.9	3.2	0.8
1197	1/18/2016 21:16:12	11.37	36.02	22.71	9.40	7.89	25.5	3.198	99.2	3.8	0.9
1198	1/18/2016 21:31:12	11.35	35.21	22.14	9.44	7.88	22.8	3.151	99.3	3.6	0.8
1199	1/18/2016 21:46:12	11.34	35.54	22.37	9.38	7.88	25.2	3.070	98.8	3.4	0.8
1200	1/18/2016 22:01:12	11.33	35.13	22.09	9.39	7.87	20.3	3.049	98.7	3.2	0.7
1201	1/18/2016 22:16:12	11.34	35.37	22.25	9.42	7.88	20.6	2.939	99.1	3.6	0.8
1202	1/18/2016 22:31:13	11.32	35.26	22.18	9.41	7.87	18.5	2.885	98.9	3.1	0.7
1203	1/18/2016 22:46:13	11.29	33.95	21.27	9.51	7.86	17.8	2.838	99.3	3.0	0.7
1204	1/18/2016 23:01:13	11.30	34.64	21.75	9.43	7.86	16.0	2.763	98.8	3.6	0.8
1205	1/18/2016 23:16:13	11.30	34.63	21.74	9.38	7.85	15.0	2.731	98.2	2.9	0.7
1206	1/18/2016 23:31:12	11.32	34.91	21.94	9.34	7.85	16.9	2.667	98.0	3.2	0.7
1207	1/18/2016 23:46:12	11.32	34.85	21.89	9.33	7.85	15.0	2.629	97.9	3.4	0.8
1208	1/19/2016 00:01:12	11.32	34.76	21.83	9.30	7.85	14.2	2.607	97.5	3.6	0.9
1209	1/19/2016 00:16:12	11.32	34.64	21.75	9.28	7.85	11.0	2.614	97.3	3.1	0.7
1210	1/19/2016 00:31:12	11.32	34.38	21.57	9.30	7.84	10.3	2.565	97.4	3.6	0.8
1211	1/19/2016 00:46:12	11.32	34.39	21.58	9.26	7.84	8.4	2.565	96.9	3.5	0.8
1212	1/19/2016 01:01:13	11.31	34.46	21.62	9.28	7.84	10.9	2.552	97.1	3.5	0.8
1213	1/19/2016 01:16:12	11.32	34.61	21.73	9.36	7.85	11.6	2.564	98.1	3.0	0.7
1214	1/19/2016 01:31:12	11.31	34.51	21.66	9.39	7.85	11.7	2.572	98.4	3.0	0.7
1215	1/19/2016 01:46:12	11.32	34.57	21.70	9.36	7.85	12.4	2.611	98.1	3.2	0.7
1216	1/19/2016 02:01:12	11.34	35.17	22.12	9.28	7.85	11.1	2.657	97.5	3.2	0.8
1217	1/19/2016 02:16:13	11.33	35.00	22.00	9.31	7.85	18.4	2.718	97.7	3.4	0.8
1218	1/19/2016 02:31:12	11.32	34.85	21.89	9.37	7.85	27.3	2.727	98.3	3.7	0.9
1219	1/19/2016 02:46:13	11.31	34.65	21.76	9.43	7.85	16.8	2.810	98.8	3.0	0.7
1220	1/19/2016 03:01:12	11.34	34.97	21.98	9.45	7.86	13.0	2.855	99.2	2.9	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	Fluorescence %FS
1221	1/19/2016 03:16:12	11.39	35.65	22.45	9.51	7.89	20.3	2.940	100.3	3.1	0.7
1222	1/19/2016 03:31:12	11.57	38.09	24.15	9.62	7.96	23.7	3.003	103.0	3.3	0.8
1223	1/19/2016 03:46:12	11.60	38.23	24.25	9.60	7.97	24.4	3.102	102.8	3.0	0.7
1224	1/19/2016 04:01:12	11.63	38.70	24.58	9.59	7.97	32.2	3.162	103.0	3.3	0.8
1225	1/19/2016 04:16:12	11.62	38.53	24.46	9.61	7.97	34.7	3.262	103.1	3.8	0.9
1226	1/19/2016 04:31:12	11.69	39.22	24.95	9.60	7.99	39.4	3.352	103.5	3.0	0.7
1227	1/19/2016 04:46:13	11.75	39.99	25.49	9.61	8.00	50.3	3.437	104.1	3.7	0.9
1228	1/19/2016 05:01:12	11.78	40.11	25.58	9.60	8.01	53.6	3.517	104.1	3.2	0.8
1229	1/19/2016 05:16:12	11.84	40.55	25.89	9.61	8.03	65.5	3.653	104.6	3.7	0.9
1230	1/19/2016 05:31:12	11.91	41.15	26.31	9.60	8.04	79.7	3.728	104.9	3.9	0.9
1231	1/19/2016 05:46:12	11.94	41.50	26.56	9.61	8.05	78.8	3.795	105.2	3.8	0.9
1232	1/19/2016 06:01:12	12.01	42.53	27.29	9.58	8.06	74.3	3.861	105.6	3.7	0.9
1233	1/19/2016 06:16:13	12.01	42.53	27.29	9.61	8.06	65.0	3.943	105.8	3.3	0.8
1234	1/19/2016 06:31:12	12.01	42.42	27.21	9.63	8.06	64.1	4.003	106.0	3.4	0.8
1235	1/19/2016 06:46:13	12.02	41.53	26.58	9.70	8.06	61.0	4.040	106.4	2.9	0.7
1236	1/19/2016 07:01:13	12.02	41.18	26.34	9.76	8.07	60.0	4.079	106.9	3.4	0.8
1237	1/19/2016 07:16:12	12.06	43.01	27.63	9.62	8.07	51.8	4.130	106.4	2.4	0.6
1238	1/19/2016 07:31:12	12.07	43.05	27.66	9.61	8.07	47.3	4.133	106.2	2.5	0.6
1239	1/19/2016 07:46:12	12.06	43.08	27.69	9.54	8.07	40.1	4.152	105.4	2.6	0.6
1240	1/19/2016 08:01:12	12.07	43.25	27.80	9.47	8.07	55.7	4.140	104.8	3.0	0.7
1241	1/19/2016 08:16:13	11.64	38.66	24.55	9.74	8.02	26.6	4.126	104.6	3.1	0.7
1242	1/19/2016 08:31:12	11.58	37.37	23.65	9.62	7.98	19.3	4.101	102.7	3.1	0.7
1243	1/19/2016 08:46:12	11.59	37.25	23.56	9.66	7.97	19.1	4.013	103.0	3.0	0.7
1244	1/19/2016 09:01:12	11.60	37.22	23.55	9.65	7.97	21.7	3.931	102.9	2.8	0.7
1245	1/19/2016 09:16:12	11.58	36.60	23.11	9.63	7.96	25.4	3.831	102.4	3.1	0.7
1246	1/19/2016 09:31:12	11.63	37.10	23.46	9.64	7.97	28.0	3.755	102.8	3.2	0.8
1247	1/19/2016 09:46:12	11.63	37.17	23.51	9.62	7.96	20.8	3.651	102.6	3.0	0.7
1248	1/19/2016 10:01:12	11.66	37.50	23.74	9.60	7.97	26.1	3.562	102.6	3.6	0.8
1249	1/19/2016 10:16:12	11.69	37.84	23.98	9.58	7.97	44.3	3.450	102.7	3.2	0.8
1250	1/19/2016 10:31:12	11.69	37.46	23.71	9.64	7.96	26.4	3.340	103.1	3.3	0.8
1251	1/19/2016 10:46:12	11.71	37.20	23.53	9.61	7.96	27.2	3.256	102.7	3.7	0.9
1252	1/19/2016 11:01:13	11.72	37.05	23.43	9.57	7.95	32.1	3.124	102.3	3.5	0.8
1253	1/19/2016 11:16:12	11.72	36.90	23.32	9.55	7.94	29.8	3.035	101.9	3.2	0.7
1254	1/19/2016 11:31:12	11.77	36.88	23.31	9.58	7.94	33.3	2.945	102.4	3.2	0.8
1255	1/19/2016 11:46:12	11.80	36.85	23.29	9.59	7.94	37.1	2.844	102.6	3.7	0.9
1256	1/19/2016 12:01:12	11.89	37.03	23.42	9.62	7.95	44.0	2.719	103.2	3.8	0.9
1257	1/19/2016 12:16:12	11.96	37.00	23.40	9.61	7.94	51.0	2.589	103.3	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
1258	1/19/2016 12:31:12	11.97	36.70	23.20	9.60	7.93	47.1	2.449	103.0	3.4	0.8
1259	1/19/2016 12:46:13	11.96	36.23	22.87	9.57	7.92	42.1	2.350	102.5	3.8	0.9
1260	1/19/2016 13:01:12	12.07	36.27	22.90	9.61	7.92	34.1	2.223	103.1	3.7	0.9
1261	1/19/2016 13:16:12	11.95	35.86	22.61	9.53	7.90	37.9	2.102	101.8	3.7	0.9
1262	1/19/2016 13:31:13	12.00	35.61	22.44	9.59	7.90	32.7	2.022	102.4	3.0	0.7
1263	1/19/2016 13:46:13	11.99	35.38	22.28	9.55	7.89	30.0	1.938	101.9	3.5	0.8
1264	1/19/2016 14:01:12	12.09	35.39	22.29	9.58	7.90	26.9	1.860	102.5	3.5	0.8
1265	1/19/2016 14:16:12	12.06	35.20	22.16	9.59	7.89	26.2	1.813	102.4	3.3	0.8
1266	1/19/2016 14:31:13	11.98	34.99	22.01	9.51	7.88	21.9	1.816	101.3	3.4	0.8
1267	1/19/2016 14:46:12	11.99	35.24	22.19	9.59	7.88	25.0	1.792	102.3	3.3	0.8
1268	1/19/2016 15:01:12	12.04	35.25	22.19	9.60	7.89	20.1	1.784	102.5	3.5	0.8
1269	1/19/2016 15:16:12	12.00	35.25	22.19	9.58	7.88	29.1	1.834	102.2	4.0	0.9
1270	1/19/2016 15:31:12	11.99	34.92	21.96	9.58	7.87	27.5	1.909	102.0	3.5	0.8
1271	1/19/2016 15:46:12	11.96	34.81	21.89	9.56	7.87	25.2	1.983	101.7	3.7	0.9
1272	1/19/2016 16:01:12	11.90	34.29	21.52	9.56	7.86	25.4	2.087	101.3	3.6	0.8
1273	1/19/2016 16:16:12	11.90	34.29	21.52	9.56	7.86	24.5	2.184	101.3	3.3	0.8
1274	1/19/2016 16:31:12	11.89	34.18	21.45	9.56	7.86	27.7	2.267	101.3	4.1	1.0
1275	1/19/2016 16:46:12	11.88	34.14	21.42	9.57	7.86	29.9	2.361	101.3	3.4	0.8
1276	1/19/2016 17:01:12	11.86	34.73	21.83	9.54	7.87	28.0	2.445	101.2	3.9	0.9
1277	1/19/2016 17:16:12	11.85	35.07	22.06	9.54	7.88	32.4	2.536	101.3	4.1	1.0
1278	1/19/2016 17:31:12	11.83	35.37	22.27	9.54	7.89	36.1	2.608	101.4	3.9	0.9
1279	1/19/2016 17:46:13	11.81	35.72	22.51	9.52	7.89	40.1	2.682	101.4	4.0	0.9
1280	1/19/2016 18:01:12	11.82	35.21	22.15	9.59	7.90	30.3	2.747	101.9	3.5	0.8
1281	1/19/2016 18:16:12	11.83	35.15	22.12	9.62	7.90	28.5	2.821	102.2	3.8	0.9
1282	1/19/2016 18:31:12	11.81	35.55	22.39	9.62	7.91	31.1	2.899	102.3	3.5	0.8
1283	1/19/2016 18:46:12	11.81	36.33	22.93	9.56	7.92	44.8	2.971	102.1	4.0	0.9
1284	1/19/2016 19:01:12	11.82	36.62	23.14	9.54	7.93	46.0	3.038	101.9	4.0	0.9
1285	1/19/2016 19:16:12	11.83	36.71	23.19	9.51	7.93	50.2	3.100	101.7	4.1	1.0
1286	1/19/2016 19:31:12	11.84	37.03	23.42	9.49	7.94	54.6	3.196	101.7	3.8	0.9
1287	1/19/2016 19:46:12	11.84	37.20	23.54	9.49	7.94	78.5	3.269	101.8	4.5	1.1
1288	1/19/2016 20:01:13	11.81	37.10	23.47	9.51	7.94	61.3	3.336	101.8	4.2	1.0
1289	1/19/2016 20:16:13	11.82	37.25	23.57	9.54	7.95	42.7	3.385	102.2	3.5	0.8
1290	1/19/2016 20:31:13	11.89	38.46	24.42	9.53	7.97	90.3	3.436	102.8	4.7	1.1
1291	1/19/2016 20:46:12	11.93	38.65	24.56	9.56	7.98	49.9	3.438	103.3	3.5	0.8
1292	1/19/2016 21:01:12	11.88	38.33	24.33	9.51	7.97	49.6	3.459	102.5	3.7	0.9
1293	1/19/2016 21:16:12	11.91	38.62	24.53	9.49	7.98	42.7	3.458	102.5	3.4	0.8
1294	1/19/2016 21:31:12	11.90	38.56	24.49	9.51	7.98	39.3	3.442	102.7	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
1295	1/19/2016 21:46:12	11.84	37.71	23.89	9.52	7.97	34.1	3.424	102.3	3.1	0.7
1296	1/19/2016 22:01:12	11.71	36.63	23.14	9.52	7.94	27.2	3.383	101.5	3.0	0.7
1297	1/19/2016 22:16:12	11.64	35.26	22.18	9.50	7.90	41.5	3.323	100.5	3.9	0.9
1298	1/19/2016 22:31:12	11.74	36.19	22.83	9.47	7.92	44.6	3.255	100.9	3.8	0.9
1299	1/19/2016 22:46:12	11.73	35.76	22.53	9.50	7.92	60.4	3.199	101.0	4.9	1.1
1300	1/19/2016 23:01:12	11.69	35.82	22.58	9.48	7.91	34.2	3.130	100.7	3.7	0.9
1301	1/19/2016 23:16:12	11.67	35.39	22.28	9.52	7.90	36.5	3.037	100.9	3.2	0.8
1302	1/19/2016 23:31:12	11.60	35.47	22.33	9.46	7.90	19.0	2.992	100.1	3.2	0.7
1303	1/19/2016 23:46:12	11.57	35.13	22.10	9.46	7.89	16.7	2.961	99.9	4.0	0.9
1304	1/20/2016 00:01:13	11.55	35.01	22.01	9.45	7.88	16.9	2.850	99.8	3.6	0.8
1305	1/20/2016 00:16:13	11.52	34.87	21.91	9.47	7.88	15.8	2.827	99.8	3.2	0.8
1306	1/20/2016 00:31:12	11.49	35.03	22.02	9.45	7.89	15.9	2.787	99.6	2.8	0.7
1307	1/20/2016 00:46:12	11.47	35.14	22.10	9.44	7.89	15.3	2.737	99.5	3.0	0.7
1308	1/20/2016 01:01:12	11.49	35.08	22.06	9.44	7.88	15.8	2.687	99.5	3.3	0.8
1309	1/20/2016 01:16:12	11.52	34.87	21.91	9.45	7.88	15.6	2.666	99.6	3.1	0.7
1310	1/20/2016 01:31:12	11.53	34.56	21.70	9.44	7.87	14.5	2.643	99.3	3.0	0.7
1311	1/20/2016 01:46:13	11.53	34.79	21.86	9.40	7.88	13.9	2.609	99.1	3.1	0.7
1312	1/20/2016 02:01:12	11.54	34.75	21.83	9.40	7.87	15.3	2.624	99.0	3.1	0.7
1313	1/20/2016 02:16:13	11.53	34.68	21.78	9.46	7.88	14.4	2.618	99.7	3.3	0.8
1314	1/20/2016 02:31:12	11.55	34.70	21.80	9.49	7.88	13.4	2.634	100.0	3.0	0.7
1315	1/20/2016 02:46:12	11.57	34.96	21.98	9.47	7.88	15.3	2.658	100.0	3.3	0.8
1316	1/20/2016 03:01:12	11.58	34.90	21.94	9.46	7.88	15.1	2.697	99.9	3.4	0.8
1317	1/20/2016 03:16:12	11.62	34.99	22.00	9.46	7.88	15.9	2.724	100.0	3.4	0.8
1318	1/20/2016 03:31:13	11.59	34.97	21.99	9.45	7.88	20.6	2.782	99.8	3.5	0.8
1319	1/20/2016 03:46:13	11.66	35.49	22.35	9.47	7.89	28.9	2.838	100.4	3.7	0.9
1320	1/20/2016 04:01:12	11.66	35.32	22.23	9.50	7.90	24.4	2.895	100.6	3.3	0.8
1321	1/20/2016 04:16:13	11.72	35.92	22.65	9.50	7.91	19.2	2.972	101.1	3.5	0.8
1322	1/20/2016 04:31:13	11.72	35.74	22.52	9.52	7.91	26.1	3.050	101.1	3.5	0.8
1323	1/20/2016 04:46:12	11.80	37.41	23.68	9.53	7.94	40.8	3.124	102.1	2.9	0.7
1324	1/20/2016 05:01:13	11.75	36.91	23.33	9.59	7.95	34.7	3.221	102.4	3.7	0.9
1325	1/20/2016 05:16:13	11.57	35.67	22.47	9.59	7.92	21.3	3.317	101.6	2.8	0.6
1326	1/20/2016 05:31:12	11.65	36.61	23.12	9.60	7.94	24.4	3.398	102.2	3.0	0.7
1327	1/20/2016 05:46:13	11.72	37.27	23.58	9.61	7.96	29.2	3.514	102.8	3.2	0.8
1328	1/20/2016 06:01:12	11.85	38.58	24.50	9.60	7.99	37.2	3.611	103.6	3.7	0.9
1329	1/20/2016 06:16:13	11.90	39.52	25.16	9.62	8.01	49.0	3.703	104.4	3.4	0.8
1330	1/20/2016 06:31:13	12.05	41.52	26.58	9.65	8.05	88.4	3.783	106.0	3.9	0.9
1331	1/20/2016 06:46:12	12.13	42.33	27.15	9.67	8.06	110.2	3.873	106.7	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
1332	1/20/2016 07:01:12	12.09	42.48	27.26	9.67	8.07	137.6	3.966	106.8	5.4	1.3
1333	1/20/2016 07:16:13	12.05	42.59	27.34	9.67	8.07	137.9	4.028	106.7	5.1	1.2
1334	1/20/2016 07:31:12	12.05	42.81	27.49	9.69	8.07	111.0	4.098	107.0	3.8	0.9
1335	1/20/2016 07:46:13	12.05	42.99	27.62	9.67	8.08	102.6	4.148	106.9	4.1	1.0
1336	1/20/2016 08:01:12	12.07	43.16	27.74	9.65	8.08	83.3	4.193	106.7	3.5	0.8
1337	1/20/2016 08:16:12	12.08	43.32	27.85	9.64	8.08	47.0	4.215	106.7	2.2	0.5
1338	1/20/2016 08:31:12	12.08	43.29	27.83	9.47	8.08	27.7	4.226	104.8	2.0	0.5
1339	1/20/2016 08:46:13	12.08	43.18	27.75	9.59	8.08	44.6	4.206	106.1	2.4	0.6
1340	1/20/2016 09:01:12	12.09	43.44	27.94	9.60	8.08	48.5	4.172	106.4	2.6	0.6
1341	1/20/2016 09:16:13	12.06	43.00	27.63	9.60	8.08	42.0	4.132	106.1	2.4	0.6
1342	1/20/2016 09:31:12	12.05	42.80	27.48	9.62	8.08	46.9	4.060	106.2	2.5	0.6
1343	1/20/2016 09:46:13	12.00	42.12	27.00	9.61	8.07	55.7	3.992	105.7	2.9	0.7
1344	1/20/2016 10:01:13	12.01	42.01	26.93	9.62	8.07	52.7	3.878	105.7	2.6	0.6
1345	1/20/2016 10:16:13	11.91	40.65	25.96	9.62	8.05	45.1	3.782	104.9	3.2	0.7
1346	1/20/2016 10:31:12	11.81	38.04	24.12	9.57	8.00	36.6	3.680	102.9	3.0	0.7
1347	1/20/2016 10:46:13	11.77	37.93	24.05	9.55	7.98	26.1	3.596	102.6	2.7	0.6
1348	1/20/2016 11:01:12	11.81	38.13	24.19	9.54	7.99	30.7	3.472	102.6	3.1	0.7
1349	1/20/2016 11:16:13	11.79	38.99	24.79	9.58	8.01	49.1	3.350	103.4	3.4	0.8
1350	1/20/2016 11:31:12	11.83	38.64	24.54	9.53	8.00	47.1	3.234	102.8	3.1	0.7
1351	1/20/2016 11:46:13	11.80	38.15	24.20	9.49	7.98	43.4	3.116	102.1	3.0	0.7
1352	1/20/2016 12:01:13	11.81	37.93	24.05	9.46	7.97	52.6	2.978	101.7	3.2	0.8
1353	1/20/2016 12:16:13	11.80	37.53	23.77	9.48	7.97	27.1	2.852	101.8	2.9	0.7
1354	1/20/2016 12:31:12	11.82	37.42	23.69	9.47	7.96	31.3	2.734	101.6	3.0	0.7
1355	1/20/2016 12:46:13	11.84	37.17	23.52	9.50	7.95	18.1	2.606	101.8	2.8	0.7
1356	1/20/2016 13:01:12	11.88	36.67	23.17	9.47	7.94	21.1	2.466	101.4	2.9	0.7
1357	1/20/2016 13:16:12	11.91	36.29	22.91	9.50	7.93	19.8	2.337	101.6	2.9	0.7
1358	1/20/2016 13:31:12	11.92	36.06	22.75	9.50	7.93	20.5	2.209	101.5	2.8	0.7
1359	1/20/2016 13:46:13	12.03	35.98	22.70	9.56	7.93	23.0	2.063	102.4	2.8	0.7
1360	1/20/2016 14:01:12	11.93	35.32	22.24	9.51	7.91	21.4	1.957	101.3	3.2	0.8
1361	1/20/2016 14:16:12	11.93	34.98	22.00	9.49	7.90	21.6	1.833	100.9	3.1	0.7
1362	1/20/2016 14:31:12	11.86	35.04	22.04	9.39	7.89	23.4	1.723	99.8	3.2	0.7
1363	1/20/2016 14:46:12	11.87	34.75	21.84	9.40	7.88	34.9	1.670	99.8	3.7	0.9
1364	1/20/2016 15:01:12	11.88	34.55	21.70	9.43	7.88	39.6	1.611	100.1	3.8	0.9
1365	1/20/2016 15:16:12	11.85	35.19	22.15	9.42	7.89	30.2	1.601	100.2	3.6	0.8
1366	1/20/2016 15:31:12	11.89	34.55	21.70	9.50	7.88	27.3	1.585	100.8	4.0	0.9
1367	1/20/2016 15:46:13	11.87	34.97	21.99	9.49	7.88	24.4	1.635	100.8	3.8	0.9
1368	1/20/2016 16:01:13	11.82	34.86	21.92	9.50	7.88	16.9	1.690	100.7	3.6	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
1369	1/20/2016 16:16:13	11.81	35.03	22.03	9.46	7.88	23.0	1.747	100.4	3.7	0.9
1370	1/20/2016 16:31:12	11.82	34.96	21.98	9.45	7.88	21.7	1.824	100.2	3.6	0.8
1371	1/20/2016 16:46:12	11.77	34.35	21.56	9.47	7.87	22.9	1.909	100.1	3.2	0.8
1372	1/20/2016 17:01:12	11.78	34.59	21.73	9.45	7.87	22.4	1.984	100.1	3.4	0.8
1373	1/20/2016 17:16:13	11.78	34.66	21.78	9.45	7.87	22.4	2.055	100.0	4.0	0.9
1374	1/20/2016 17:31:12	11.78	34.72	21.82	9.44	7.88	21.6	2.156	100.0	3.6	0.8
1375	1/20/2016 17:46:12	11.77	34.62	21.75	9.44	7.88	22.5	2.241	100.0	3.6	0.8
1376	1/20/2016 18:01:12	11.78	35.23	22.17	9.40	7.89	21.9	2.319	99.8	3.6	0.8
1377	1/20/2016 18:16:13	11.76	35.12	22.09	9.44	7.89	22.7	2.406	100.1	3.5	0.8
1378	1/20/2016 18:31:12	11.77	34.81	21.88	9.48	7.89	21.7	2.490	100.4	3.2	0.7
1379	1/20/2016 18:46:12	11.77	35.17	22.13	9.49	7.90	18.9	2.575	100.7	3.3	0.8
1380	1/20/2016 19:01:13	11.78	35.59	22.42	9.50	7.91	20.6	2.668	101.0	3.4	0.8
1381	1/20/2016 19:16:13	11.74	34.97	21.99	9.57	7.91	21.1	2.738	101.4	3.1	0.7
1382	1/20/2016 19:31:12	11.78	35.96	22.68	9.54	7.93	25.5	2.829	101.6	3.3	0.8
1383	1/20/2016 19:46:13	11.80	36.67	23.17	9.51	7.94	30.8	2.922	101.6	3.5	0.8
1384	1/20/2016 20:01:12	11.82	36.81	23.27	9.51	7.95	37.2	3.003	101.7	3.5	0.8
1385	1/20/2016 20:16:12	11.82	37.05	23.43	9.51	7.95	44.7	3.087	101.8	3.5	0.8
1386	1/20/2016 20:31:12	11.82	37.06	23.44	9.56	7.96	46.9	3.170	102.4	3.7	0.9
1387	1/20/2016 20:46:12	11.86	38.40	24.37	9.56	7.99	85.9	3.257	103.0	4.5	1.0
1388	1/20/2016 21:01:12	11.90	39.23	24.96	9.56	8.00	103.9	3.326	103.5	4.7	1.1
1389	1/20/2016 21:16:13	11.93	39.84	25.39	9.54	8.02	94.9	3.394	103.7	4.5	1.1
1390	1/20/2016 21:31:12	11.95	40.30	25.71	9.54	8.03	78.7	3.463	104.0	3.9	0.9
1391	1/20/2016 21:46:12	11.96	40.53	25.87	9.53	8.03	54.1	3.499	104.0	3.4	0.8
1392	1/20/2016 22:01:11	11.97	40.57	25.90	9.47	8.03	28.0	3.535	103.4	2.8	0.7
1393	1/20/2016 22:16:11	11.96	40.43	25.81	9.48	8.03	34.8	3.556	103.4	2.9	0.7
1394	1/20/2016 22:31:12	11.97	40.67	25.97	9.46	8.03	35.0	3.540	103.2	3.2	0.7
1395	1/20/2016 22:46:13	11.95	40.37	25.77	9.46	8.03	29.2	3.528	103.1	2.6	0.6
1396	1/20/2016 23:01:12	11.95	40.06	25.54	9.49	8.03	33.8	3.480	103.3	3.1	0.7
1397	1/20/2016 23:16:12	11.80	37.58	23.80	9.55	7.98	25.0	3.432	102.4	3.0	0.7
1398	1/20/2016 23:31:12	11.83	37.85	23.99	9.49	7.98	42.4	3.357	102.0	3.6	0.8
1399	1/20/2016 23:46:13	11.83	37.86	24.00	9.52	7.98	59.3	3.277	102.3	3.5	0.8
1400	1/21/2016 00:01:13	11.79	37.06	23.44	9.52	7.96	58.7	3.230	101.9	3.7	0.9
1401	1/21/2016 00:16:12	11.76	36.44	23.01	9.54	7.95	33.2	3.152	101.7	4.1	1.0
1402	1/21/2016 00:31:12	11.73	36.12	22.78	9.52	7.93	29.8	3.068	101.4	3.6	0.8
1403	1/21/2016 00:46:12	11.72	36.07	22.75	9.50	7.93	23.5	3.013	101.1	3.1	0.7
1404	1/21/2016 01:01:12	11.72	35.87	22.61	9.48	7.92	20.9	2.948	100.8	3.3	0.8
1405	1/21/2016 01:16:12	11.72	36.10	22.77	9.46	7.92	18.9	2.874	100.7	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
1406	1/21/2016 01:31:12	11.71	35.45	22.32	9.44	7.90	16.7	2.821	100.1	3.1	0.7
1407	1/21/2016 01:46:12	11.70	35.53	22.37	9.44	7.90	17.6	2.779	100.1	2.9	0.7
1408	1/21/2016 02:01:13	11.68	35.28	22.20	9.44	7.90	16.3	2.734	100.0	2.8	0.7
1409	1/21/2016 02:16:13	11.67	35.10	22.08	9.42	7.89	15.5	2.696	99.7	3.3	0.8
1410	1/21/2016 02:31:12	11.66	34.97	21.98	9.43	7.88	14.2	2.670	99.8	3.1	0.7
1411	1/21/2016 02:46:12	11.66	34.82	21.88	9.43	7.88	13.0	2.641	99.7	3.4	0.8
1412	1/21/2016 03:01:12	11.70	35.46	22.33	9.39	7.90	16.2	2.636	99.6	3.6	0.8
1413	1/21/2016 03:16:12	11.72	35.57	22.40	9.42	7.90	15.1	2.645	100.0	3.2	0.8
1414	1/21/2016 03:31:12	11.71	35.57	22.40	9.43	7.90	14.9	2.642	100.0	3.2	0.8
1415	1/21/2016 03:46:12	11.73	35.52	22.37	9.43	7.90	16.7	2.674	100.1	3.1	0.7
1416	1/21/2016 04:01:13	11.69	35.41	22.29	9.46	7.89	18.1	2.720	100.3	3.6	0.8
1417	1/21/2016 04:16:12	11.70	35.30	22.21	9.47	7.90	27.4	2.762	100.4	3.5	0.8
1418	1/21/2016 04:31:12	11.75	35.95	22.67	9.47	7.91	24.7	2.820	100.8	3.3	0.8
1419	1/21/2016 04:46:12	11.78	36.67	23.17	9.50	7.94	24.2	2.884	101.4	2.9	0.7
1420	1/21/2016 05:01:12	11.77	36.63	23.14	9.50	7.94	22.6	2.966	101.4	3.3	0.8
1421	1/21/2016 05:16:12	11.76	36.96	23.37	9.52	7.95	23.4	3.043	101.8	3.0	0.7
1422	1/21/2016 05:31:12	11.74	37.09	23.46	9.52	7.95	22.4	3.130	101.8	2.8	0.7
1423	1/21/2016 05:46:12	11.75	37.28	23.59	9.51	7.95	29.3	3.219	101.8	2.7	0.6
1424	1/21/2016 06:01:12	11.74	37.36	23.64	9.54	7.96	24.2	3.314	102.1	2.7	0.6
1425	1/21/2016 06:16:12	11.79	37.80	23.95	9.57	7.98	21.6	3.407	102.7	2.5	0.6
1426	1/21/2016 06:31:12	11.89	39.35	25.04	9.58	8.02	34.7	3.508	103.8	2.5	0.6
1427	1/21/2016 06:46:12	11.96	40.39	25.78	9.57	8.04	41.9	3.610	104.3	3.4	0.8
1428	1/21/2016 07:01:12	12.08	42.08	26.98	9.55	8.06	53.5	3.698	105.1	3.3	0.8
1429	1/21/2016 07:16:12	12.13	42.93	27.58	9.56	8.08	79.7	3.786	105.8	3.5	0.8
1430	1/21/2016 07:31:12	12.13	43.08	27.69	9.56	8.08	80.5	3.892	105.9	3.4	0.8
1431	1/21/2016 07:46:12	12.13	43.08	27.68	9.58	8.08	64.0	3.965	106.0	3.3	0.8
1432	1/21/2016 08:01:12	12.10	42.99	27.62	9.56	8.08	50.9	4.051	105.8	2.1	0.5
1433	1/21/2016 08:16:12	12.14	43.50	27.99	9.58	8.09	56.5	4.118	106.3	2.7	0.6
1434	1/21/2016 08:31:12	12.14	43.60	28.06	9.56	8.09	47.1	4.172	106.1	2.6	0.6
1435	1/21/2016 08:46:12	12.15	43.56	28.03	9.56	8.10	38.2	4.229	106.1	2.6	0.6
1436	1/21/2016 09:01:12	12.16	43.75	28.16	9.54	8.10	32.4	4.268	106.0	2.0	0.5
1437	1/21/2016 09:16:12	12.16	43.82	28.21	9.48	8.10	28.8	4.286	105.4	1.7	0.4
1438	1/21/2016 09:31:12	12.14	43.57	28.04	9.45	8.09	33.9	4.289	104.9	2.2	0.5
1439	1/21/2016 09:46:12	12.10	42.83	27.51	9.51	8.08	32.5	4.273	105.1	1.8	0.4
1440	1/21/2016 10:01:12	12.10	42.50	27.27	9.50	8.07	21.8	4.237	104.8	1.7	0.4
1441	1/21/2016 10:16:12	12.08	41.22	26.37	9.53	8.05	20.0	4.169	104.5	2.3	0.5
1442	1/21/2016 10:31:11	12.06	40.54	25.88	9.55	8.04	17.5	4.088	104.4	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
1443	1/21/2016 10:46:12	12.06	40.33	25.74	9.51	8.03	20.9	3.999	103.9	2.3	0.5
1444	1/21/2016 11:01:12	12.06	40.03	25.53	9.53	8.03	27.7	3.888	103.9	2.5	0.6
1445	1/21/2016 11:16:12	12.07	40.13	25.60	9.51	8.03	30.3	3.767	103.8	2.5	0.6
1446	1/21/2016 11:31:12	12.09	39.52	25.17	9.52	8.02	34.2	3.649	103.7	2.8	0.7
1447	1/21/2016 11:46:13	12.05	39.08	24.86	9.56	8.00	38.2	3.516	103.9	2.5	0.6
1448	1/21/2016 12:01:12	12.06	38.79	24.66	9.54	8.00	33.5	3.395	103.5	2.3	0.5
1449	1/21/2016 12:16:12	12.06	38.58	24.51	9.57	7.99	33.5	3.252	103.7	2.7	0.6
1450	1/21/2016 12:31:12	12.09	38.18	24.23	9.56	7.99	26.4	3.125	103.5	2.5	0.6
1451	1/21/2016 12:46:12	12.08	38.29	24.31	9.56	7.99	34.8	3.005	103.5	3.0	0.7
1452	1/21/2016 13:01:12	12.16	38.31	24.32	9.57	7.99	41.1	2.857	103.8	2.9	0.7
1453	1/21/2016 13:16:12	12.20	38.31	24.32	9.57	7.99	45.8	2.732	103.9	3.5	0.8
1454	1/21/2016 13:31:12	12.21	38.09	24.17	9.58	7.98	49.7	2.591	104.0	3.5	0.8
1455	1/21/2016 13:46:12	12.19	37.65	23.86	9.61	7.97	56.1	2.440	104.0	3.8	0.9
1456	1/21/2016 14:01:12	12.16	37.14	23.51	9.63	7.96	60.4	2.306	103.9	3.9	0.9
1457	1/21/2016 14:16:12	12.20	37.08	23.47	9.62	7.96	54.2	2.167	103.9	4.0	0.9
1458	1/21/2016 14:31:12	12.21	36.98	23.39	9.58	7.95	51.5	2.017	103.5	3.9	0.9
1459	1/21/2016 14:46:12	12.24	36.53	23.08	9.59	7.94	52.5	1.882	103.4	3.8	0.9
1460	1/21/2016 15:01:12	12.22	36.27	22.90	9.58	7.93	52.3	1.762	103.1	3.8	0.9
1461	1/21/2016 15:16:12	12.24	36.04	22.74	9.58	7.93	57.6	1.658	103.1	3.8	0.9
1462	1/21/2016 15:31:12	12.24	36.02	22.73	9.58	7.93	51.6	1.561	103.1	4.3	1.0
1463	1/21/2016 15:46:12	12.22	35.92	22.66	9.54	7.92	44.6	1.507	102.5	3.8	0.9
1464	1/21/2016 16:01:12	12.22	35.85	22.61	9.53	7.92	35.5	1.452	102.4	3.6	0.8
1465	1/21/2016 16:16:12	12.22	35.83	22.60	9.57	7.92	36.8	1.437	102.8	3.7	0.9
1466	1/21/2016 16:31:12	12.22	35.99	22.71	9.60	7.92	31.8	1.485	103.2	3.1	0.7
1467	1/21/2016 16:46:12	12.19	36.13	22.81	9.59	7.92	31.6	1.504	103.1	3.5	0.8
1468	1/21/2016 17:01:12	12.19	35.54	22.40	9.63	7.92	30.0	1.586	103.3	3.1	0.7
1469	1/21/2016 17:16:12	12.17	35.47	22.35	9.62	7.91	27.8	1.684	103.1	4.0	0.9
1470	1/21/2016 17:31:12	12.16	35.23	22.18	9.61	7.91	26.4	1.763	102.9	3.6	0.8
1471	1/21/2016 17:46:13	12.15	35.54	22.39	9.60	7.91	27.6	1.841	102.9	3.6	0.8
1472	1/21/2016 18:01:13	12.14	34.99	22.01	9.62	7.91	25.8	1.919	102.8	3.8	0.9
1473	1/21/2016 18:16:13	12.14	35.88	22.63	9.59	7.92	30.3	2.032	102.9	3.4	0.8
1474	1/21/2016 18:31:12	12.14	36.07	22.76	9.59	7.93	31.0	2.121	103.0	3.3	0.8
1475	1/21/2016 18:46:12	12.14	35.80	22.58	9.61	7.93	25.5	2.204	103.1	3.5	0.8
1476	1/21/2016 19:01:12	12.14	35.99	22.70	9.63	7.93	26.7	2.297	103.4	4.0	0.9
1477	1/21/2016 19:16:12	12.14	36.35	22.96	9.62	7.94	28.2	2.398	103.4	3.6	0.8
1478	1/21/2016 19:31:12	12.13	36.73	23.22	9.60	7.94	26.9	2.503	103.3	2.9	0.7
1479	1/21/2016 19:46:12	12.12	37.27	23.60	9.55	7.95	39.0	2.616	103.0	3.6	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
1480	1/21/2016 20:01:12	12.11	37.37	23.66	9.57	7.95	34.5	2.706	103.3	3.6	0.8
1481	1/21/2016 20:16:12	12.12	37.51	23.76	9.58	7.96	39.0	2.804	103.4	3.3	0.8
1482	1/21/2016 20:31:12	12.11	37.97	24.08	9.56	7.97	40.8	2.889	103.4	3.7	0.9
1483	1/21/2016 20:46:12	12.12	38.26	24.29	9.54	7.98	52.9	2.975	103.4	3.9	0.9
1484	1/21/2016 21:01:12	12.12	38.60	24.52	9.55	7.98	52.4	3.071	103.7	3.9	0.9
1485	1/21/2016 21:16:12	12.14	39.15	24.91	9.56	8.00	48.7	3.155	104.1	3.4	0.8
1486	1/21/2016 21:31:13	12.18	40.24	25.68	9.56	8.02	52.3	3.270	104.7	3.6	0.8
1487	1/21/2016 21:46:12	12.21	40.79	26.07	9.56	8.04	47.0	3.348	105.0	2.4	0.6
1488	1/21/2016 22:01:12	12.23	41.05	26.25	9.56	8.04	44.1	3.436	105.1	2.7	0.6
1489	1/21/2016 22:16:12	12.24	41.29	26.42	9.54	8.05	39.6	3.505	105.0	2.8	0.7
1490	1/21/2016 22:31:13	12.26	41.50	26.57	9.55	8.06	38.7	3.538	105.3	2.0	0.5
1491	1/21/2016 22:46:12	12.29	41.98	26.91	9.56	8.07	38.6	3.612	105.6	2.5	0.6
1492	1/21/2016 23:01:12	12.30	42.22	27.08	9.52	8.08	25.5	3.636	105.4	2.4	0.6
1493	1/21/2016 23:16:12	12.31	42.22	27.08	9.47	8.08	18.0	3.674	104.8	1.9	0.4
1494	1/21/2016 23:31:12	12.29	42.25	27.10	9.55	8.08	23.3	3.688	105.7	2.1	0.5
1495	1/21/2016 23:46:13	12.24	40.75	26.04	9.49	8.04	26.2	3.658	104.2	2.5	0.6
1496	1/22/2016 00:01:13	12.24	41.06	26.26	9.53	8.05	25.9	3.632	104.9	2.3	0.5
1497	1/22/2016 00:16:12	12.25	40.75	26.04	9.53	8.05	30.7	3.570	104.8	2.9	0.7
1498	1/22/2016 00:31:12	12.24	40.63	25.95	9.51	8.04	35.2	3.530	104.4	3.2	0.8
1499	1/22/2016 00:46:12	12.22	40.44	25.82	9.51	8.04	43.0	3.448	104.3	2.8	0.7
1500	1/22/2016 01:01:13	12.19	39.79	25.36	9.52	8.02	37.0	3.366	104.0	3.0	0.7
1501	1/22/2016 01:16:13	12.18	39.63	25.25	9.53	8.02	30.1	3.230	104.1	2.6	0.6
1502	1/22/2016 01:31:13	12.16	38.99	24.80	9.53	8.01	32.0	3.169	103.7	2.9	0.7
1503	1/22/2016 01:46:13	12.14	37.97	24.08	9.62	7.99	29.7	3.077	104.1	3.2	0.8
1504	1/22/2016 02:01:12	12.15	37.90	24.04	9.60	7.98	29.4	3.048	104.0	3.3	0.8
1505	1/22/2016 02:16:12	12.15	37.73	23.91	9.58	7.98	25.6	3.003	103.7	2.5	0.6
1506	1/22/2016 02:31:12	12.16	37.87	24.01	9.58	7.99	23.1	2.906	103.8	2.9	0.7
1507	1/22/2016 02:46:12	12.15	37.86	24.01	9.57	7.99	20.9	2.858	103.6	3.2	0.8
1508	1/22/2016 03:01:12	12.15	37.55	23.79	9.58	7.98	19.8	2.767	103.5	2.6	0.6
1509	1/22/2016 03:16:12	12.15	37.61	23.83	9.53	7.98	19.5	2.748	103.0	2.8	0.7
1510	1/22/2016 03:31:12	12.14	37.74	23.93	9.52	7.98	18.9	2.695	103.0	2.6	0.6
1511	1/22/2016 03:46:12	12.13	37.50	23.75	9.50	7.97	17.5	2.689	102.6	2.6	0.6
1512	1/22/2016 04:01:13	12.12	37.15	23.51	9.52	7.96	18.0	2.642	102.7	3.0	0.7
1513	1/22/2016 04:16:12	12.13	37.12	23.49	9.45	7.96	14.3	2.653	102.0	2.8	0.7
1514	1/22/2016 04:31:12	12.13	37.26	23.59	9.54	7.97	16.5	2.675	103.0	2.9	0.7
1515	1/22/2016 04:46:12	12.14	37.59	23.82	9.54	7.97	17.1	2.637	103.1	3.0	0.7
1516	1/22/2016 05:01:13	12.14	37.48	23.75	9.55	7.97	17.8	2.704	103.2	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
1517	1/22/2016 05:16:13	12.13	37.34	23.64	9.56	7.97	20.0	2.773	103.3	3.2	0.8
1518	1/22/2016 05:31:12	12.12	36.98	23.39	9.57	7.96	20.7	2.814	103.1	3.1	0.7
1519	1/22/2016 05:46:13	12.13	37.64	23.85	9.55	7.97	30.1	2.871	103.3	3.1	0.7
1520	1/22/2016 06:01:12	12.15	37.92	24.05	9.56	7.98	28.1	2.961	103.5	3.5	0.8
1521	1/22/2016 06:16:13	12.12	37.62	23.84	9.59	7.98	29.3	3.032	103.6	3.0	0.7
1522	1/22/2016 06:31:12	12.13	38.12	24.19	9.59	7.99	35.8	3.136	103.9	3.2	0.8
1523	1/22/2016 06:46:12	12.07	38.41	24.39	9.60	8.00	23.2	3.219	104.0	3.0	0.7
1524	1/22/2016 07:01:12	12.08	38.77	24.65	9.60	8.01	24.7	3.308	104.1	2.9	0.7
1525	1/22/2016 07:16:12	12.16	39.90	25.44	9.57	8.03	28.5	3.438	104.6	2.8	0.7
1526	1/22/2016 07:31:13	12.24	40.87	26.13	9.57	8.05	65.4	3.527	105.1	3.7	0.9
1527	1/22/2016 07:46:13	12.23	41.06	26.26	9.57	8.06	52.7	3.621	105.2	3.4	0.8
1528	1/22/2016 08:01:13	12.24	41.21	26.36	9.56	8.06	46.6	3.713	105.2	2.6	0.6
1529	1/22/2016 08:16:13	12.23	41.37	26.47	9.57	8.07	49.6	3.812	105.4	3.3	0.8
1530	1/22/2016 08:31:12	12.26	42.06	26.97	9.58	8.09	52.0	3.888	105.9	2.8	0.7
1531	1/22/2016 08:46:12	12.27	42.40	27.21	9.61	8.10	45.6	3.998	106.4	2.6	0.6
1532	1/22/2016 09:01:12	12.30	43.08	27.69	9.60	8.11	48.8	4.068	106.7	2.5	0.6
1533	1/22/2016 09:16:12	12.32	43.53	28.01	9.59	8.12	40.8	4.134	106.9	2.5	0.6
1534	1/22/2016 09:31:12	12.33	43.79	28.20	9.57	8.12	39.3	4.186	106.8	2.1	0.5
1535	1/22/2016 09:46:12	12.34	43.94	28.31	9.60	8.12	33.3	4.249	107.2	2.1	0.5
1536	1/22/2016 10:01:12	12.34	44.08	28.41	9.57	8.13	27.1	4.282	106.9	2.0	0.5
1537	1/22/2016 10:16:13	12.33	44.01	28.35	9.58	8.12	21.4	4.271	107.0	1.3	0.3
1538	1/22/2016 10:31:13	12.31	43.47	27.97	9.53	8.12	22.4	4.279	106.1	1.8	0.4
1539	1/22/2016 10:46:13	12.34	44.03	28.37	9.54	8.13	25.9	4.255	106.6	1.8	0.4
1540	1/22/2016 11:01:13	12.33	43.97	28.33	9.55	8.12	30.7	4.203	106.7	1.3	0.3
1541	1/22/2016 11:16:12	12.32	43.12	27.72	9.55	8.12	28.8	4.107	106.2	1.4	0.3
1542	1/22/2016 11:31:12	12.31	42.34	27.17	9.52	8.10	25.0	4.015	105.4	2.0	0.5
1543	1/22/2016 11:46:12	12.28	40.08	25.57	9.51	8.07	24.7	3.920	104.3	2.1	0.5
1544	1/22/2016 12:01:12	12.28	39.41	25.10	9.47	8.05	25.3	3.797	103.5	2.6	0.6
1545	1/22/2016 12:16:13	12.30	38.55	24.50	9.46	8.02	15.6	3.673	103.1	2.4	0.6
1546	1/22/2016 12:31:13	12.32	38.95	24.78	9.48	8.02	14.7	3.534	103.5	1.8	0.4
1547	1/22/2016 12:46:12	12.30	39.72	25.32	9.48	8.04	27.3	3.414	103.8	2.4	0.6
1548	1/22/2016 13:01:12	12.27	39.72	25.31	9.48	8.04	36.5	3.282	103.7	2.6	0.6
1549	1/22/2016 13:16:12	12.33	38.53	24.48	9.49	8.02	23.0	3.157	103.4	2.5	0.6
1550	1/22/2016 13:31:13	12.30	38.55	24.49	9.46	8.01	29.9	3.019	103.0	2.4	0.6
1551	1/22/2016 13:46:12	12.36	38.04	24.14	9.45	8.00	32.5	2.891	102.8	3.0	0.7
1552	1/22/2016 14:01:12	12.53	37.64	23.87	9.50	7.99	18.8	2.739	103.5	2.2	0.5
1553	1/22/2016 14:16:12	12.54	37.97	24.09	9.51	8.00	25.0	2.600	103.8	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
1554	1/22/2016 14:31:12	12.65	38.03	24.14	9.48	7.99	33.4	2.474	103.8	3.1	0.7
1555	1/22/2016 14:46:12	12.69	37.73	23.93	9.47	7.98	38.5	2.315	103.6	3.2	0.8
1556	1/22/2016 15:01:12	12.56	37.45	23.73	9.49	7.97	35.1	2.180	103.4	3.4	0.8
1557	1/22/2016 15:16:13	12.54	37.01	23.43	9.50	7.96	39.5	2.017	103.3	3.6	0.9
1558	1/22/2016 15:31:13	12.54	36.76	23.25	9.52	7.96	39.9	1.889	103.4	3.5	0.8
1559	1/22/2016 15:46:12	12.59	36.49	23.07	9.54	7.96	46.6	1.756	103.6	3.3	0.8
1560	1/22/2016 16:01:12	12.62	36.47	23.05	9.50	7.95	51.3	1.642	103.2	4.0	0.9
1561	1/22/2016 16:16:12	12.57	36.29	22.93	9.48	7.95	43.5	1.554	102.8	3.8	0.9
1562	1/22/2016 16:31:12	12.56	36.25	22.90	9.46	7.94	46.7	1.469	102.6	4.0	0.9
1563	1/22/2016 16:46:13	12.53	36.14	22.82	9.41	7.94	28.8	1.420	101.9	3.7	0.9
1564	1/22/2016 17:01:12	12.51	36.03	22.74	9.51	7.94	28.9	1.419	102.9	3.3	0.8
1565	1/22/2016 17:16:12	12.51	36.06	22.77	9.54	7.94	29.1	1.416	103.2	2.9	0.7
1566	1/22/2016 17:31:12	12.50	36.25	22.89	9.53	7.94	34.2	1.476	103.2	3.5	0.8
1567	1/22/2016 17:46:12	12.49	36.00	22.72	9.52	7.94	29.5	1.533	103.0	3.4	0.8
1568	1/22/2016 18:01:13	12.48	35.06	22.07	9.54	7.93	31.8	1.629	102.7	3.7	0.9
1569	1/22/2016 18:16:12	12.49	35.35	22.27	9.51	7.93	28.0	1.685	102.6	3.4	0.8
1570	1/22/2016 18:31:12	12.49	35.09	22.09	9.52	7.92	24.9	1.794	102.6	3.1	0.7
1571	1/22/2016 18:46:12	12.49	35.56	22.42	9.49	7.93	26.0	1.902	102.4	2.8	0.6
1572	1/22/2016 19:01:12	12.48	35.02	22.04	9.50	7.93	29.9	1.995	102.3	3.5	0.8
1573	1/22/2016 19:16:12	12.47	36.00	22.72	9.46	7.94	32.0	2.118	102.3	3.9	0.9
1574	1/22/2016 19:31:12	12.47	36.50	23.07	9.44	7.95	29.4	2.220	102.3	3.4	0.8
1575	1/22/2016 19:46:13	12.43	36.66	23.18	9.47	7.96	34.4	2.320	102.6	3.3	0.8
1576	1/22/2016 20:01:13	12.42	36.96	23.39	9.48	7.97	34.3	2.422	102.8	3.7	0.9
1577	1/22/2016 20:16:13	12.40	36.97	23.39	9.51	7.97	29.7	2.537	103.0	2.8	0.7
1578	1/22/2016 20:31:13	12.40	37.38	23.68	9.50	7.98	27.0	2.632	103.1	3.0	0.7
1579	1/22/2016 20:46:12	12.41	37.61	23.84	9.48	7.98	35.4	2.720	103.1	3.3	0.8
1580	1/22/2016 21:01:12	12.38	37.59	23.83	9.51	7.99	38.6	2.809	103.4	3.4	0.8
1581	1/22/2016 21:16:13	12.36	37.80	23.97	9.53	8.00	45.4	2.916	103.6	3.7	0.9
1582	1/22/2016 21:31:12	12.35	38.20	24.25	9.54	8.01	35.4	3.011	103.9	3.3	0.8
1583	1/22/2016 21:46:12	12.37	38.49	24.45	9.54	8.01	41.0	3.094	104.0	3.1	0.7
1584	1/22/2016 22:01:12	12.38	39.93	25.46	9.55	8.04	47.6	3.208	104.9	2.9	0.7
1585	1/22/2016 22:16:12	12.39	40.53	25.89	9.58	8.05	44.6	3.309	105.5	2.8	0.7
1586	1/22/2016 22:31:12	12.39	41.08	26.27	9.57	8.06	43.9	3.388	105.7	3.1	0.7
1587	1/22/2016 22:46:13	12.38	41.25	26.40	9.58	8.06	42.8	3.506	105.8	2.8	0.6
1588	1/22/2016 23:01:13	12.39	41.93	26.88	9.63	8.08	43.6	3.573	106.6	2.5	0.6
1589	1/22/2016 23:16:12	12.39	42.52	27.30	9.69	8.10	43.5	3.649	107.6	2.7	0.6
1590	1/22/2016 23:31:12	12.40	42.91	27.57	9.72	8.11	41.7	3.702	108.1	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
1591	1/22/2016 23:46:12	12.41	43.18	27.77	9.69	8.11	33.6	3.717	108.0	2.1	0.5
1592	1/23/2016 00:01:12	12.41	43.12	27.72	9.63	8.12	20.0	3.740	107.3	1.8	0.4
1593	1/23/2016 00:16:12	12.40	43.03	27.66	9.67	8.11	28.9	3.714	107.6	1.9	0.4
1594	1/23/2016 00:31:12	12.40	43.07	27.69	9.65	8.11	29.5	3.664	107.5	1.9	0.4
1595	1/23/2016 00:46:13	12.39	42.86	27.54	9.68	8.11	30.0	3.622	107.7	2.2	0.5
1596	1/23/2016 01:01:12	12.22	39.75	25.33	9.56	8.05	30.2	3.556	104.5	2.9	0.7
1597	1/23/2016 01:16:12	12.20	39.24	24.97	9.60	8.04	25.3	3.464	104.7	2.0	0.5
1598	1/23/2016 01:31:12	12.36	41.02	26.23	9.57	8.07	27.6	3.390	105.5	2.5	0.6
1599	1/23/2016 01:46:12	12.21	38.44	24.41	9.54	8.02	25.2	3.300	103.7	2.7	0.6
1600	1/23/2016 02:01:12	12.26	39.08	24.86	9.48	8.02	24.7	3.214	103.4	2.5	0.6
1601	1/23/2016 02:16:12	12.27	38.68	24.58	9.51	8.02	25.6	3.136	103.5	2.6	0.6
1602	1/23/2016 02:31:13	12.24	38.47	24.44	9.50	8.02	25.0	3.049	103.3	2.3	0.5
1603	1/23/2016 02:46:13	12.22	38.03	24.13	9.52	8.01	21.3	2.996	103.3	2.8	0.7
1604	1/23/2016 03:01:12	12.23	37.97	24.09	9.51	8.01	20.0	2.919	103.1	2.5	0.6
1605	1/23/2016 03:16:13	12.22	38.09	24.17	9.49	8.00	20.5	2.864	103.0	2.7	0.6
1606	1/23/2016 03:31:12	12.19	37.87	24.02	9.48	8.00	16.3	2.807	102.7	2.7	0.6
1607	1/23/2016 03:46:12	12.19	37.77	23.95	9.46	8.00	14.5	2.760	102.5	2.6	0.6
1608	1/23/2016 04:01:12	12.18	37.70	23.90	9.42	7.99	13.5	2.720	101.9	2.6	0.6
1609	1/23/2016 04:16:12	12.13	37.20	23.55	9.48	7.99	13.3	2.677	102.2	2.9	0.7
1610	1/23/2016 04:31:13	12.14	37.59	23.82	9.41	7.99	12.5	2.644	101.7	1.9	0.4
1611	1/23/2016 04:46:12	12.06	37.11	23.48	9.45	7.99	12.6	2.653	101.7	2.2	0.5
1612	1/23/2016 05:01:13	12.06	37.01	23.42	9.38	7.98	12.8	2.629	101.0	2.3	0.5
1613	1/23/2016 05:16:13	12.12	37.37	23.67	9.49	7.99	12.1	2.623	102.5	2.5	0.6
1614	1/23/2016 05:31:12	12.16	37.59	23.82	9.48	7.99	12.9	2.632	102.5	2.8	0.7
1615	1/23/2016 05:46:13	12.20	37.80	23.97	9.47	7.99	12.9	2.662	102.6	2.3	0.5
1616	1/23/2016 06:01:13	12.22	37.94	24.06	9.46	7.99	15.1	2.723	102.6	2.6	0.6
1617	1/23/2016 06:16:12	12.20	37.77	23.94	9.45	8.00	17.3	2.749	102.4	2.3	0.5
1618	1/23/2016 06:31:12	12.14	37.23	23.57	9.49	7.98	17.9	2.835	102.4	3.0	0.7
1619	1/23/2016 06:46:12	12.21	37.97	24.09	9.47	8.00	18.0	2.916	102.7	2.7	0.6
1620	1/23/2016 07:01:12	12.15	37.24	23.58	9.53	7.99	19.5	2.984	102.9	2.7	0.6
1621	1/23/2016 07:16:12	12.10	37.46	23.73	9.57	8.00	16.2	3.076	103.3	2.7	0.6
1622	1/23/2016 07:31:12	12.13	38.15	24.21	9.56	8.01	18.0	3.175	103.6	2.3	0.5
1623	1/23/2016 07:46:13	12.14	38.53	24.48	9.56	8.02	17.3	3.280	103.8	2.2	0.5
1624	1/23/2016 08:01:13	12.07	37.77	23.94	9.61	8.02	17.8	3.384	103.8	2.6	0.6
1625	1/23/2016 08:16:13	12.15	38.89	24.73	9.61	8.04	17.8	3.474	104.5	2.0	0.5
1626	1/23/2016 08:31:13	12.21	39.75	25.33	9.61	8.05	19.7	3.572	105.0	2.5	0.6
1627	1/23/2016 08:46:13	12.33	41.50	26.58	9.62	8.08	38.3	3.678	106.2	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
1628	1/23/2016 09:01:13	12.32	41.60	26.65	9.63	8.09	36.1	3.765	106.4	2.4	0.6
1629	1/23/2016 09:16:12	12.32	41.93	26.87	9.64	8.10	47.7	3.867	106.7	3.0	0.7
1630	1/23/2016 09:31:12	12.32	42.05	26.96	9.65	8.10	48.0	3.941	106.8	2.4	0.6
1631	1/23/2016 09:46:13	12.30	42.56	27.32	9.67	8.11	48.5	4.022	107.2	2.3	0.5
1632	1/23/2016 10:01:12	12.31	43.05	27.67	9.66	8.12	41.1	4.106	107.4	2.4	0.6
1633	1/23/2016 10:16:13	12.33	43.48	27.97	9.66	8.12	36.1	4.155	107.7	2.0	0.5
1634	1/23/2016 10:31:12	12.33	43.64	28.09	9.65	8.13	36.7	4.220	107.6	1.6	0.4
1635	1/23/2016 10:46:12	12.34	43.85	28.24	9.65	8.13	27.0	4.251	107.7	1.4	0.3
1636	1/23/2016 11:01:12	12.34	43.92	28.29	9.57	8.13	16.2	4.281	106.8	1.3	0.3
1637	1/23/2016 11:16:12	12.34	44.12	28.43	9.57	8.14	20.5	4.284	106.9	1.4	0.3
1638	1/23/2016 11:31:12	12.34	44.07	28.40	9.59	8.15	24.1	4.248	107.2	1.4	0.3
1639	1/23/2016 11:46:12	12.34	43.57	28.04	9.60	8.16	27.5	4.199	107.0	2.2	0.5
1640	1/23/2016 12:01:12	12.36	40.12	25.60	9.61	8.12	18.7	4.119	105.5	2.0	0.5
1641	1/23/2016 12:16:13	12.33	40.35	25.76	9.59	8.12	20.5	4.039	105.3	2.1	0.5
1642	1/23/2016 12:31:13	12.28	40.00	25.52	9.64	8.13	29.9	3.934	105.7	1.9	0.4
1643	1/23/2016 12:46:13	12.29	39.90	25.44	9.62	8.13	25.5	3.801	105.4	2.3	0.5
1644	1/23/2016 13:01:13	12.31	40.71	26.01	9.61	8.14	28.8	3.699	105.7	2.5	0.6
1645	1/23/2016 13:16:13	12.33	40.26	25.69	9.60	8.13	28.3	3.566	105.5	2.4	0.6
1646	1/23/2016 13:31:13	12.34	39.76	25.34	9.58	8.12	32.7	3.426	105.1	2.5	0.6
1647	1/23/2016 13:46:12	12.32	39.28	25.01	9.58	8.11	35.8	3.291	104.7	2.5	0.6
1648	1/23/2016 14:01:12	12.35	38.72	24.61	9.58	8.10	34.4	3.162	104.5	3.7	0.9
1649	1/23/2016 14:16:12	12.34	38.52	24.48	9.57	8.10	29.4	3.033	104.3	2.9	0.7
1650	1/23/2016 14:31:12	12.39	37.98	24.10	9.59	8.09	30.6	2.883	104.4	2.7	0.6
1651	1/23/2016 14:46:12	12.45	37.77	23.95	9.61	8.08	34.3	2.744	104.7	2.7	0.6
1652	1/23/2016 15:01:13	12.40	37.84	24.00	9.60	8.08	43.8	2.614	104.5	2.8	0.7
1653	1/23/2016 15:16:12	12.42	37.80	23.97	9.60	8.08	48.2	2.464	104.5	3.5	0.8
1654	1/23/2016 15:31:12	12.41	37.68	23.89	9.59	8.08	57.2	2.316	104.3	3.8	0.9
1655	1/23/2016 15:46:13	12.35	37.25	23.59	9.57	8.06	69.1	2.171	103.7	4.4	1.0
1656	1/23/2016 16:01:12	12.36	37.18	23.54	9.57	8.06	66.3	2.018	103.8	4.2	1.0
1657	1/23/2016 16:16:12	12.34	37.03	23.43	9.59	8.06	70.9	1.873	103.8	3.8	0.9
1658	1/23/2016 16:31:12	12.33	36.97	23.39	9.59	8.06	73.6	1.744	103.8	4.5	1.1
1659	1/23/2016 16:46:12	12.30	36.86	23.32	9.55	8.05	68.1	1.620	103.3	4.6	1.1
1660	1/23/2016 17:01:12	12.29	36.68	23.19	9.56	8.05	72.3	1.538	103.3	4.0	1.0
1661	1/23/2016 17:16:12	12.28	36.66	23.18	9.56	8.04	63.7	1.460	103.3	4.5	1.1
1662	1/23/2016 17:31:12	12.26	36.59	23.13	9.51	8.04	51.3	1.427	102.6	3.4	0.8
1663	1/23/2016 17:46:12	12.24	36.48	23.05	9.48	8.04	35.7	1.404	102.2	3.9	0.9
1664	1/23/2016 18:01:12	12.23	36.29	22.92	9.59	8.04	38.0	1.447	103.2	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
1665	1/23/2016 18:16:12	12.26	36.47	23.04	9.56	8.03	36.0	1.496	103.2	3.7	0.9
1666	1/23/2016 18:31:12	12.24	36.35	22.96	9.57	8.03	37.3	1.578	103.1	3.1	0.7
1667	1/23/2016 18:46:12	12.25	36.20	22.85	9.57	8.03	38.6	1.657	103.1	3.3	0.8
1668	1/23/2016 19:01:12	12.23	35.48	22.36	9.59	8.03	32.2	1.763	103.0	3.5	0.8
1669	1/23/2016 19:16:12	12.25	35.64	22.47	9.58	8.03	36.0	1.853	102.9	3.6	0.8
1670	1/23/2016 19:31:13	12.25	35.37	22.28	9.59	8.02	35.2	1.947	102.9	3.8	0.9
1671	1/23/2016 19:46:13	12.26	35.55	22.40	9.59	8.03	36.6	2.041	103.0	3.8	0.9
1672	1/23/2016 20:01:12	12.25	35.09	22.09	9.60	8.03	32.3	2.143	102.9	3.2	0.8
1673	1/23/2016 20:16:12	12.29	36.00	22.71	9.59	8.05	36.6	2.239	103.3	4.0	0.9
1674	1/23/2016 20:31:13	12.30	36.64	23.16	9.58	8.05	44.1	2.349	103.5	3.3	0.8
1675	1/23/2016 20:46:12	12.32	37.01	23.42	9.57	8.06	42.5	2.467	103.6	3.4	0.8
1676	1/23/2016 21:01:12	12.32	37.12	23.50	9.56	8.06	40.9	2.559	103.5	3.3	0.8
1677	1/23/2016 21:16:12	12.32	37.21	23.56	9.56	8.07	48.3	2.673	103.5	3.7	0.9
1678	1/23/2016 21:31:12	12.32	37.36	23.67	9.56	8.07	44.0	2.775	103.6	3.7	0.9
1679	1/23/2016 21:46:12	12.31	37.41	23.70	9.56	8.07	50.8	2.874	103.7	3.3	0.8
1680	1/23/2016 22:01:13	12.29	37.30	23.62	9.59	8.07	62.3	2.989	103.9	4.1	1.0
1681	1/23/2016 22:16:12	12.31	37.69	23.90	9.60	8.08	73.4	3.083	104.2	4.4	1.0
1682	1/23/2016 22:31:13	12.33	38.64	24.56	9.60	8.10	111.1	3.191	104.6	5.2	1.2
1683	1/23/2016 22:46:12	12.34	39.92	25.46	9.67	8.13	81.4	3.293	106.1	4.1	1.0
1684	1/23/2016 23:01:12	12.34	40.31	25.73	9.70	8.14	71.2	3.382	106.5	3.7	0.9
1685	1/23/2016 23:16:12	12.34	40.72	26.02	9.69	8.15	61.9	3.473	106.6	3.4	0.8
1686	1/23/2016 23:31:12	12.36	41.10	26.29	9.65	8.16	70.1	3.560	106.4	4.0	0.9
1687	1/23/2016 23:46:13	12.36	41.43	26.52	9.63	8.16	62.9	3.636	106.4	3.5	0.8
1688	1/24/2016 00:01:12	12.39	41.93	26.88	9.61	8.17	54.8	3.680	106.4	2.8	0.7
1689	1/24/2016 00:16:12	12.41	42.37	27.19	9.57	8.18	32.0	3.723	106.3	2.5	0.6
1690	1/24/2016 00:31:12	12.41	42.36	27.18	9.50	8.18	21.9	3.735	105.4	2.3	0.5
1691	1/24/2016 00:46:12	12.41	42.53	27.31	9.56	8.18	35.0	3.738	106.3	2.3	0.5
1692	1/24/2016 01:01:13	12.39	42.25	27.11	9.55	8.18	26.9	3.707	106.0	1.8	0.4
1693	1/24/2016 01:16:12	12.37	41.61	26.65	9.59	8.18	32.2	3.655	106.1	2.5	0.6
1694	1/24/2016 01:31:12	12.20	39.75	25.34	9.62	8.16	29.2	3.601	105.1	2.4	0.6
1695	1/24/2016 01:46:12	12.14	38.07	24.15	9.62	8.13	33.6	3.515	104.2	2.7	0.6
1696	1/24/2016 02:01:12	12.10	37.36	23.66	9.62	8.12	35.7	3.422	103.8	2.6	0.6
1697	1/24/2016 02:16:12	12.09	37.52	23.77	9.61	8.12	29.6	3.339	103.7	2.9	0.7
1698	1/24/2016 02:31:12	12.08	37.65	23.86	9.58	8.11	26.0	3.243	103.4	2.9	0.7
1699	1/24/2016 02:46:12	12.10	37.66	23.87	9.55	8.11	26.5	3.161	103.2	2.3	0.5
1700	1/24/2016 03:01:12	12.10	37.52	23.77	9.54	8.10	26.8	3.079	103.0	2.7	0.6
1701	1/24/2016 03:16:12	12.16	37.63	23.85	9.53	8.10	31.0	2.993	103.1	2.7	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	Fluorescence %FS
1702	1/24/2016 03:31:12	12.00	37.00	23.40	9.56	8.09	17.8	2.910	102.7	2.9	0.7
1703	1/24/2016 03:46:12	11.99	37.05	23.44	9.52	8.09	16.1	2.830	102.4	2.6	0.6
1704	1/24/2016 04:01:13	12.00	36.64	23.15	9.53	8.08	15.8	2.766	102.3	2.6	0.6
1705	1/24/2016 04:16:13	11.96	36.31	22.92	9.53	8.06	16.3	2.686	102.1	2.8	0.7
1706	1/24/2016 04:31:12	11.96	35.87	22.62	9.54	8.06	17.3	2.637	102.0	3.0	0.7
1707	1/24/2016 04:46:12	11.92	36.24	22.87	9.50	8.06	14.8	2.575	101.6	2.6	0.6
1708	1/24/2016 05:01:12	11.92	35.68	22.49	9.51	8.05	14.5	2.523	101.5	2.7	0.6
1709	1/24/2016 05:16:12	11.89	35.62	22.44	9.48	8.05	14.2	2.503	101.0	2.9	0.7
1710	1/24/2016 05:31:12	11.89	35.39	22.28	9.46	8.04	13.4	2.494	100.8	3.0	0.7
1711	1/24/2016 05:46:12	11.93	35.64	22.46	9.49	8.05	13.9	2.481	101.2	2.4	0.6
1712	1/24/2016 06:01:13	11.89	35.53	22.38	9.50	8.05	14.4	2.495	101.2	3.0	0.7
1713	1/24/2016 06:16:12	11.97	36.04	22.74	9.51	8.06	14.7	2.523	101.8	3.0	0.7
1714	1/24/2016 06:31:12	12.03	36.36	22.96	9.52	8.06	17.9	2.559	102.1	2.7	0.6
1715	1/24/2016 06:46:12	12.01	36.30	22.92	9.51	8.06	18.6	2.624	101.9	3.0	0.7
1716	1/24/2016 07:01:12	11.97	35.89	22.63	9.53	8.05	28.4	2.692	101.8	3.2	0.8
1717	1/24/2016 07:16:12	12.03	36.23	22.87	9.52	8.06	22.8	2.761	102.1	2.9	0.7
1718	1/24/2016 07:31:12	12.04	36.46	23.03	9.55	8.07	16.5	2.837	102.5	2.7	0.6
1719	1/24/2016 07:46:12	12.08	37.09	23.47	9.56	8.08	22.7	2.926	102.9	3.0	0.7
1720	1/24/2016 08:01:13	12.07	37.16	23.52	9.57	8.09	23.6	3.008	103.1	2.6	0.6
1721	1/24/2016 08:16:12	12.00	37.15	23.51	9.61	8.09	25.0	3.088	103.4	2.8	0.7
1722	1/24/2016 08:31:12	11.97	37.23	23.56	9.62	8.09	22.6	3.193	103.4	3.1	0.7
1723	1/24/2016 08:46:12	11.98	37.29	23.61	9.61	8.10	21.4	3.288	103.4	3.1	0.7
1724	1/24/2016 09:01:12	12.03	37.96	24.08	9.62	8.11	20.5	3.397	103.8	2.9	0.7
1725	1/24/2016 09:16:13	12.10	39.21	24.95	9.61	8.14	22.0	3.497	104.5	2.9	0.7
1726	1/24/2016 09:31:13	12.27	41.41	26.50	9.61	8.17	39.1	3.601	105.9	2.8	0.7
1727	1/24/2016 09:46:13	12.28	41.91	26.86	9.61	8.18	50.8	3.699	106.2	2.8	0.7
1728	1/24/2016 10:01:13	12.28	42.39	27.20	9.62	8.19	51.3	3.800	106.6	3.3	0.8
1729	1/24/2016 10:16:12	12.30	43.29	27.84	9.61	8.20	53.5	3.894	106.9	2.7	0.6
1730	1/24/2016 10:31:13	12.29	43.54	28.02	9.59	8.21	47.5	3.970	106.8	2.4	0.6
1731	1/24/2016 10:46:13	12.29	43.75	28.17	9.59	8.21	34.6	4.048	106.9	2.2	0.5
1732	1/24/2016 11:01:12	12.30	43.93	28.30	9.59	8.22	30.2	4.107	107.0	1.5	0.4
1733	1/24/2016 11:16:12	12.30	44.20	28.49	9.58	8.22	26.9	4.148	107.0	1.4	0.3
1734	1/24/2016 11:31:13	12.30	44.11	28.43	9.60	8.22	24.0	4.188	107.2	1.6	0.4
1735	1/24/2016 11:46:13	12.29	43.30	27.85	9.55	8.21	21.0	4.190	106.2	1.9	0.4
1736	1/24/2016 12:01:12	12.31	44.05	28.39	9.54	8.22	19.4	4.175	106.5	1.6	0.4
1737	1/24/2016 12:16:12	12.32	44.28	28.55	9.55	8.22	24.9	4.142	106.7	1.7	0.4
1738	1/24/2016 12:31:12	12.24	40.62	25.95	9.64	8.18	19.7	4.087	105.9	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
1739	1/24/2016 12:46:12	12.24	41.52	26.58	9.58	8.19	23.2	4.006	105.6	2.2	0.5
1740	1/24/2016 13:01:13	12.16	39.46	25.13	9.65	8.16	22.7	3.900	105.3	1.9	0.5
1741	1/24/2016 13:16:12	12.22	40.30	25.72	9.59	8.16	24.7	3.788	105.1	2.2	0.5
1742	1/24/2016 13:31:13	12.19	39.45	25.12	9.60	8.15	26.1	3.664	104.7	2.8	0.7
1743	1/24/2016 13:46:13	12.17	38.82	24.68	9.59	8.13	25.9	3.554	104.3	2.7	0.6
1744	1/24/2016 14:01:13	12.17	39.29	25.01	9.57	8.14	32.1	3.429	104.3	3.0	0.7
1745	1/24/2016 14:16:13	12.16	39.27	25.00	9.60	8.14	39.6	3.280	104.6	3.2	0.8
1746	1/24/2016 14:31:12	12.14	38.21	24.25	9.60	8.13	37.4	3.173	104.1	2.8	0.6
1747	1/24/2016 14:46:12	12.15	38.43	24.41	9.56	8.12	30.4	3.036	103.7	2.8	0.7
1748	1/24/2016 15:01:12	12.14	38.06	24.15	9.56	8.11	27.9	2.896	103.6	3.0	0.7
1749	1/24/2016 15:16:13	12.11	37.75	23.93	9.58	8.10	26.3	2.776	103.5	2.5	0.6
1750	1/24/2016 15:31:12	12.09	37.36	23.65	9.62	8.10	22.8	2.623	103.8	3.1	0.7
1751	1/24/2016 15:46:12	12.07	37.15	23.51	9.62	8.09	23.8	2.474	103.7	2.4	0.6
1752	1/24/2016 16:01:12	12.03	37.07	23.46	9.63	8.09	30.9	2.331	103.6	3.0	0.7
1753	1/24/2016 16:16:12	12.00	36.75	23.23	9.61	8.08	29.0	2.179	103.2	2.5	0.6
1754	1/24/2016 16:31:12	11.96	36.54	23.09	9.59	8.07	31.4	2.024	102.8	3.1	0.7
1755	1/24/2016 16:46:12	11.92	36.36	22.95	9.61	8.07	34.4	1.881	102.8	3.2	0.8
1756	1/24/2016 17:01:13	11.90	36.34	22.94	9.58	8.06	35.3	1.752	102.4	3.2	0.8
1757	1/24/2016 17:16:12	11.90	36.16	22.82	9.58	8.06	36.0	1.636	102.3	3.4	0.8
1758	1/24/2016 17:31:12	11.88	36.03	22.72	9.57	8.05	47.8	1.529	102.2	3.8	0.9
1759	1/24/2016 17:46:12	11.87	35.88	22.63	9.56	8.05	46.6	1.446	102.0	3.8	0.9
1760	1/24/2016 18:01:12	11.86	35.78	22.55	9.55	8.05	41.1	1.411	101.8	3.4	0.8
1761	1/24/2016 18:16:12	11.85	35.75	22.53	9.56	8.05	40.7	1.387	101.8	3.3	0.8
1762	1/24/2016 18:31:12	11.85	35.78	22.55	9.58	8.05	29.9	1.394	102.1	2.7	0.6
1763	1/24/2016 18:46:11	11.87	35.94	22.67	9.58	8.05	24.5	1.471	102.2	2.4	0.6
1764	1/24/2016 19:01:12	11.89	35.96	22.68	9.57	8.05	25.3	1.529	102.2	2.9	0.7
1765	1/24/2016 19:16:13	11.85	35.41	22.29	9.61	8.04	21.4	1.604	102.2	3.0	0.7
1766	1/24/2016 19:31:13	11.86	35.38	22.27	9.62	8.05	20.1	1.713	102.3	3.0	0.7
1767	1/24/2016 19:46:12	11.87	35.21	22.16	9.63	8.05	20.5	1.791	102.4	3.1	0.7
1768	1/24/2016 20:01:12	11.88	35.11	22.09	9.63	8.05	20.0	1.882	102.3	3.3	0.8
1769	1/24/2016 20:16:12	11.90	35.47	22.34	9.61	8.05	21.1	1.979	102.3	3.5	0.8
1770	1/24/2016 20:31:12	11.91	35.40	22.29	9.62	8.05	22.5	2.079	102.4	2.9	0.7
1771	1/24/2016 20:46:12	11.93	35.55	22.39	9.63	8.06	21.5	2.182	102.7	3.5	0.8
1772	1/24/2016 21:01:12	11.95	35.91	22.65	9.64	8.07	24.2	2.287	103.0	3.4	0.8
1773	1/24/2016 21:16:12	12.00	36.63	23.15	9.62	8.08	25.7	2.393	103.3	3.0	0.7
1774	1/24/2016 21:31:12	12.02	36.99	23.40	9.60	8.09	29.1	2.503	103.3	3.4	0.8
1775	1/24/2016 21:46:12	12.03	37.22	23.56	9.60	8.09	36.6	2.621	103.3	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1776	1/24/2016 22:01:12	12.04	37.24	23.57	9.60	8.09	33.3	2.727	103.4	3.0	0.7
1777	1/24/2016 22:16:12	12.03	37.20	23.55	9.60	8.10	33.3	2.838	103.4	3.5	0.8
1778	1/24/2016 22:31:12	12.05	37.51	23.76	9.59	8.10	42.4	2.949	103.5	3.8	0.9
1779	1/24/2016 22:46:12	12.03	37.81	23.97	9.61	8.11	42.4	3.049	103.8	3.4	0.8
1780	1/24/2016 23:01:12	12.07	38.22	24.26	9.59	8.12	48.8	3.159	103.8	3.2	0.8
1781	1/24/2016 23:16:12	12.12	39.63	25.25	9.61	8.15	55.6	3.254	104.7	3.2	0.7
1782	1/24/2016 23:31:13	12.13	40.34	25.75	9.58	8.16	53.3	3.356	104.8	3.4	0.8
1783	1/24/2016 23:46:12	12.15	41.07	26.26	9.58	8.17	45.0	3.461	105.2	2.8	0.7
1784	1/25/2016 00:01:12	12.16	41.44	26.52	9.56	8.18	45.8	3.545	105.1	2.9	0.7
1785	1/25/2016 00:16:12	12.23	42.59	27.34	9.52	8.19	48.6	3.619	105.4	2.7	0.6
1786	1/25/2016 00:31:12	12.26	43.29	27.84	9.52	8.20	47.4	3.694	105.8	2.8	0.6
1787	1/25/2016 00:46:13	12.29	43.83	28.23	9.50	8.21	57.0	3.735	105.9	3.0	0.7
1788	1/25/2016 01:01:13	12.25	43.53	28.01	9.51	8.21	21.5	3.784	105.8	2.0	0.5
1789	1/25/2016 01:16:12	12.27	43.61	28.07	9.47	8.22	20.6	3.788	105.4	1.9	0.4
1790	1/25/2016 01:31:12	12.27	43.48	27.98	9.45	8.21	25.5	3.768	105.1	2.0	0.5
1791	1/25/2016 01:46:12	12.22	42.86	27.53	9.51	8.22	23.8	3.746	105.4	2.0	0.5
1792	1/25/2016 02:01:12	12.19	42.00	26.92	9.53	8.21	20.9	3.679	105.2	2.0	0.5
1793	1/25/2016 02:16:12	11.86	38.17	24.22	9.57	8.14	23.4	3.590	103.1	3.0	0.7
1794	1/25/2016 02:31:12	11.77	37.38	23.66	9.56	8.12	19.2	3.509	102.5	2.2	0.5
1795	1/25/2016 02:46:12	11.89	38.51	24.45	9.51	8.14	22.9	3.425	102.6	2.7	0.6
1796	1/25/2016 03:01:12	11.93	38.92	24.74	9.53	8.15	23.0	3.329	103.1	2.3	0.5
1797	1/25/2016 03:16:12	11.90	38.94	24.75	9.51	8.15	22.8	3.217	102.8	2.7	0.6
1798	1/25/2016 03:31:12	11.91	38.50	24.45	9.50	8.14	27.8	3.131	102.6	2.3	0.5
1799	1/25/2016 03:46:12	11.86	38.27	24.28	9.51	8.13	19.3	3.054	102.4	2.7	0.6
1800	1/25/2016 04:01:12	11.83	38.27	24.28	9.50	8.13	15.0	2.965	102.3	2.3	0.5
1801	1/25/2016 04:16:12	11.81	37.67	23.86	9.50	8.12	16.1	2.876	102.0	2.6	0.6
1802	1/25/2016 04:31:12	11.78	37.45	23.71	9.50	8.11	14.6	2.800	101.9	2.8	0.6
1803	1/25/2016 04:46:12	11.76	36.75	23.23	9.50	8.10	15.4	2.727	101.5	2.9	0.7
1804	1/25/2016 05:01:12	11.74	36.67	23.17	9.49	8.10	14.8	2.660	101.3	2.6	0.6
1805	1/25/2016 05:16:12	11.70	36.90	23.32	9.47	8.10	13.1	2.600	101.1	2.6	0.6
1806	1/25/2016 05:31:12	11.66	36.86	23.29	9.47	8.10	13.2	2.543	100.9	2.5	0.6
1807	1/25/2016 05:46:12	11.66	36.32	22.92	9.49	8.09	12.0	2.500	100.9	2.8	0.7
1808	1/25/2016 06:01:12	11.65	36.01	22.70	9.47	8.08	12.6	2.480	100.6	2.6	0.6
1809	1/25/2016 06:16:12	11.65	35.84	22.59	9.48	8.08	12.1	2.450	100.6	2.3	0.5
1810	1/25/2016 06:31:12	11.69	36.53	23.07	9.47	8.09	12.0	2.445	100.9	2.6	0.6
1811	1/25/2016 06:46:12	11.65	36.25	22.88	9.49	8.09	15.1	2.464	100.9	2.8	0.7
1812	1/25/2016 07:01:12	11.71	36.61	23.12	9.49	8.10	12.3	2.501	101.2	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
1813	1/25/2016 07:16:12	11.77	36.78	23.24	9.50	8.10	15.0	2.544	101.5	2.8	0.7
1814	1/25/2016 07:31:12	11.73	36.69	23.18	9.48	8.09	17.5	2.594	101.2	2.6	0.6
1815	1/25/2016 07:46:12	11.65	36.00	22.70	9.53	8.08	15.6	2.672	101.2	3.1	0.7
1816	1/25/2016 08:01:12	11.73	36.57	23.10	9.54	8.10	15.2	2.743	101.7	2.7	0.6
1817	1/25/2016 08:16:12	11.78	37.25	23.57	9.52	8.11	17.3	2.826	102.0	2.5	0.6
1818	1/25/2016 08:31:12	11.78	37.25	23.57	9.54	8.11	16.6	2.903	102.2	2.8	0.7
1819	1/25/2016 08:46:12	11.79	37.68	23.87	9.52	8.12	20.0	2.999	102.2	2.6	0.6
1820	1/25/2016 09:01:13	11.77	37.91	24.03	9.57	8.13	15.9	3.089	102.7	2.7	0.6
1821	1/25/2016 09:16:13	11.81	38.17	24.21	9.58	8.13	14.6	3.177	103.1	2.6	0.6
1822	1/25/2016 09:31:12	11.81	37.72	23.90	9.61	8.14	15.1	3.277	103.2	2.4	0.6
1823	1/25/2016 09:46:12	11.89	38.39	24.37	9.59	8.15	16.6	3.376	103.4	2.3	0.5
1824	1/25/2016 10:01:12	12.00	39.83	25.39	9.55	8.17	17.6	3.477	103.9	2.1	0.5
1825	1/25/2016 10:16:12	12.10	41.52	26.58	9.52	8.20	34.4	3.580	104.6	2.6	0.6
1826	1/25/2016 10:31:12	12.08	41.63	26.65	9.52	8.20	35.4	3.671	104.6	2.8	0.7
1827	1/25/2016 10:46:12	12.09	41.66	26.68	9.52	8.20	35.8	3.766	104.7	2.3	0.5
1828	1/25/2016 11:01:13	12.13	42.31	27.14	9.57	8.22	34.7	3.841	105.6	2.3	0.5
1829	1/25/2016 11:16:12	12.16	42.72	27.43	9.58	8.23	31.2	3.915	106.0	2.4	0.6
1830	1/25/2016 11:31:12	12.17	43.08	27.69	9.58	8.23	31.6	3.982	106.1	1.7	0.4
1831	1/25/2016 11:46:12	12.19	43.19	27.77	9.58	8.24	24.5	4.039	106.3	1.5	0.4
1832	1/25/2016 12:01:12	12.20	43.40	27.91	9.56	8.24	19.0	4.082	106.2	1.9	0.4
1833	1/25/2016 12:16:12	12.21	43.43	27.94	9.54	8.24	16.7	4.107	106.0	1.7	0.4
1834	1/25/2016 12:31:12	12.22	43.56	28.03	9.49	8.24	14.5	4.110	105.5	1.2	0.3
1835	1/25/2016 12:46:12	12.21	43.44	27.94	9.53	8.24	15.9	4.097	105.9	1.7	0.4
1836	1/25/2016 13:01:12	12.21	43.47	27.96	9.51	8.24	19.5	4.052	105.6	1.4	0.3
1837	1/25/2016 13:16:12	12.20	43.25	27.81	9.51	8.24	19.7	3.990	105.5	1.8	0.4
1838	1/25/2016 13:31:13	12.20	41.33	26.45	9.54	8.21	17.3	3.910	105.0	1.8	0.4
1839	1/25/2016 13:46:13	12.19	38.96	24.78	9.52	8.16	13.4	3.810	103.7	2.3	0.5
1840	1/25/2016 14:01:13	12.17	38.41	24.39	9.51	8.14	14.5	3.708	103.2	2.1	0.5
1841	1/25/2016 14:16:12	12.17	38.67	24.57	9.51	8.15	13.3	3.594	103.3	2.4	0.6
1842	1/25/2016 14:31:12	12.18	39.09	24.87	9.48	8.15	14.7	3.490	103.2	2.4	0.6
1843	1/25/2016 14:46:12	12.11	39.43	25.11	9.48	8.16	25.0	3.356	103.3	2.4	0.6
1844	1/25/2016 15:01:12	12.10	38.86	24.70	9.50	8.15	29.6	3.225	103.2	2.7	0.6
1845	1/25/2016 15:16:12	12.09	38.36	24.36	9.47	8.14	23.1	3.123	102.6	2.5	0.6
1846	1/25/2016 15:31:12	12.04	38.01	24.11	9.46	8.13	22.4	2.987	102.2	2.6	0.6
1847	1/25/2016 15:46:12	12.07	37.98	24.09	9.43	8.12	20.1	2.855	102.0	2.9	0.7
1848	1/25/2016 16:01:12	12.16	37.72	23.91	9.49	8.12	14.3	2.721	102.7	2.2	0.5
1849	1/25/2016 16:16:12	12.12	37.23	23.57	9.48	8.11	15.0	2.593	102.3	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
1850	1/25/2016 16:31:12	12.23	37.27	23.60	9.47	8.10	14.0	2.458	102.4	2.5	0.6
1851	1/25/2016 16:46:12	12.11	36.91	23.34	9.44	8.09	16.9	2.313	101.6	2.8	0.7
1852	1/25/2016 17:01:13	11.98	36.34	22.95	9.45	8.08	19.8	2.166	101.2	2.9	0.7
1853	1/25/2016 17:16:12	12.04	36.53	23.08	9.44	8.08	19.4	2.035	101.4	3.1	0.7
1854	1/25/2016 17:31:12	12.00	36.19	22.84	9.46	8.07	18.4	1.906	101.3	2.8	0.7
1855	1/25/2016 17:46:12	12.00	36.05	22.75	9.44	8.07	17.8	1.781	101.1	3.0	0.7
1856	1/25/2016 18:01:12	11.99	35.90	22.64	9.42	8.06	18.9	1.666	100.8	3.4	0.8
1857	1/25/2016 18:16:12	11.99	35.72	22.51	9.40	8.05	17.2	1.597	100.4	3.0	0.7
1858	1/25/2016 18:31:12	11.99	35.56	22.40	9.37	8.05	15.8	1.526	100.1	3.1	0.7
1859	1/25/2016 18:46:12	11.99	35.53	22.38	9.34	8.05	16.7	1.487	99.8	3.7	0.9
1860	1/25/2016 19:01:12	12.00	35.64	22.46	9.41	8.05	16.1	1.492	100.6	2.9	0.7
1861	1/25/2016 19:16:13	11.99	35.89	22.63	9.43	8.05	15.8	1.528	100.8	3.6	0.8
1862	1/25/2016 19:31:12	11.98	35.79	22.56	9.46	8.06	13.3	1.595	101.1	2.9	0.7
1863	1/25/2016 19:46:12	11.94	34.88	21.93	9.50	8.04	11.9	1.658	101.0	2.3	0.5
1864	1/25/2016 20:01:12	11.94	34.99	22.01	9.50	8.04	13.8	1.746	101.0	2.9	0.7
1865	1/25/2016 20:16:13	11.90	34.78	21.87	9.52	8.04	14.7	1.827	101.1	3.2	0.8
1866	1/25/2016 20:31:12	11.92	34.97	21.99	9.51	8.04	14.5	1.922	101.1	3.2	0.8
1867	1/25/2016 20:46:12	11.93	35.25	22.18	9.49	8.05	14.2	2.012	101.1	2.9	0.7
1868	1/25/2016 21:01:12	11.95	35.70	22.50	9.45	8.05	16.6	2.101	100.9	2.9	0.7
1869	1/25/2016 21:16:12	11.97	36.13	22.80	9.47	8.07	18.9	2.200	101.4	3.1	0.7
1870	1/25/2016 21:31:12	11.99	36.53	23.08	9.48	8.08	17.8	2.303	101.6	2.7	0.6
1871	1/25/2016 21:46:13	12.01	37.05	23.44	9.49	8.09	19.6	2.402	102.0	2.5	0.6
1872	1/25/2016 22:01:13	12.03	37.40	23.68	9.50	8.10	20.6	2.505	102.4	2.9	0.7
1873	1/25/2016 22:16:13	12.03	37.50	23.75	9.49	8.10	19.7	2.618	102.3	2.5	0.6
1874	1/25/2016 22:31:13	12.05	37.78	23.95	9.49	8.11	26.3	2.724	102.5	2.7	0.6
1875	1/25/2016 22:46:12	12.06	37.79	23.96	9.49	8.11	22.2	2.831	102.5	2.7	0.6
1876	1/25/2016 23:01:12	12.08	37.92	24.05	9.50	8.12	28.1	2.936	102.7	3.0	0.7
1877	1/25/2016 23:16:13	12.08	38.10	24.17	9.53	8.13	35.2	3.037	103.1	3.6	0.8
1878	1/25/2016 23:31:12	12.10	38.37	24.37	9.54	8.14	29.0	3.148	103.4	3.0	0.7
1879	1/25/2016 23:46:13	12.13	39.34	25.04	9.54	8.15	34.0	3.238	103.9	2.7	0.6
1880	1/26/2016 00:01:12	12.20	40.45	25.83	9.58	8.18	33.9	3.336	105.0	2.7	0.6
1881	1/26/2016 00:16:12	12.23	41.15	26.32	9.59	8.19	32.4	3.438	105.5	2.5	0.6
1882	1/26/2016 00:31:12	12.25	41.53	26.59	9.57	8.20	28.6	3.524	105.5	2.5	0.6
1883	1/26/2016 00:46:12	12.26	41.66	26.69	9.58	8.20	27.8	3.605	105.7	2.3	0.5
1884	1/26/2016 01:01:12	12.26	41.89	26.85	9.57	8.21	26.1	3.688	105.8	2.2	0.5
1885	1/26/2016 01:16:12	12.28	42.12	27.01	9.56	8.21	22.0	3.738	105.7	2.4	0.6
1886	1/26/2016 01:31:12	12.30	42.65	27.38	9.53	8.22	25.9	3.777	105.7	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
1887	1/26/2016 01:46:12	12.30	42.53	27.30	9.47	8.21	14.1	3.798	105.0	2.2	0.5
1888	1/26/2016 02:01:12	12.30	42.62	27.36	9.49	8.21	17.3	3.796	105.2	1.9	0.5
1889	1/26/2016 02:16:13	12.28	42.41	27.22	9.49	8.21	18.8	3.770	105.1	2.2	0.5
1890	1/26/2016 02:31:13	12.20	41.05	26.25	9.54	8.19	19.1	3.726	104.8	2.4	0.6
1891	1/26/2016 02:46:13	12.12	40.15	25.61	9.50	8.17	20.9	3.647	103.8	2.0	0.5
1892	1/26/2016 03:01:13	12.06	39.04	24.83	9.47	8.15	16.3	3.562	102.8	2.3	0.5
1893	1/26/2016 03:16:12	12.06	38.82	24.67	9.47	8.15	13.8	3.490	102.8	2.2	0.5
1894	1/26/2016 03:31:12	12.05	38.70	24.59	9.48	8.15	13.3	3.383	102.8	2.1	0.5
1895	1/26/2016 03:46:13	12.03	38.66	24.56	9.47	8.14	13.1	3.285	102.6	2.0	0.5
1896	1/26/2016 04:01:12	12.06	38.73	24.62	9.46	8.14	13.6	3.198	102.6	2.0	0.5
1897	1/26/2016 04:16:12	12.06	38.68	24.58	9.42	8.14	13.3	3.103	102.1	1.6	0.4
1898	1/26/2016 04:31:11	12.06	38.69	24.59	9.44	8.14	13.2	3.010	102.4	2.2	0.5
1899	1/26/2016 04:46:12	12.04	38.28	24.30	9.43	8.13	13.1	2.926	102.0	2.4	0.6
1900	1/26/2016 05:01:12	12.04	38.37	24.36	9.42	8.13	12.6	2.832	102.0	2.0	0.5
1901	1/26/2016 05:16:12	12.01	37.88	24.02	9.39	8.12	13.8	2.755	101.4	2.2	0.5
1902	1/26/2016 05:31:12	11.98	37.35	23.64	9.36	8.10	14.7	2.675	100.7	2.9	0.7
1903	1/26/2016 05:46:13	11.94	36.74	23.22	9.36	8.09	13.6	2.601	100.3	2.7	0.6
1904	1/26/2016 06:01:12	11.94	37.09	23.46	9.36	8.09	11.6	2.541	100.5	3.1	0.7
1905	1/26/2016 06:16:12	11.92	37.12	23.49	9.35	8.09	11.8	2.484	100.4	2.8	0.7
1906	1/26/2016 06:31:12	11.91	36.56	23.09	9.34	8.08	11.6	2.430	100.0	2.5	0.6
1907	1/26/2016 06:46:12	11.91	36.29	22.91	9.29	8.07	11.4	2.399	99.4	2.6	0.6
1908	1/26/2016 07:01:12	11.91	36.30	22.92	9.24	8.06	11.1	2.394	98.8	2.5	0.6
1909	1/26/2016 07:16:13	11.90	36.42	23.00	9.33	8.07	10.8	2.372	99.8	2.5	0.6
1910	1/26/2016 07:31:13	11.89	36.21	22.85	9.35	8.07	10.3	2.415	99.9	2.6	0.6
1911	1/26/2016 07:46:12	11.94	36.71	23.20	9.33	8.08	12.3	2.447	100.0	2.1	0.5
1912	1/26/2016 08:01:12	11.93	36.66	23.16	9.31	8.07	11.5	2.480	99.8	3.1	0.7
1913	1/26/2016 08:16:13	11.90	36.35	22.95	9.33	8.07	11.7	2.558	99.7	2.5	0.6
1914	1/26/2016 08:31:13	11.93	36.44	23.02	9.34	8.07	13.8	2.631	100.0	2.6	0.6
1915	1/26/2016 08:46:12	11.99	37.26	23.59	9.37	8.10	17.1	2.704	100.8	2.3	0.5
1916	1/26/2016 09:01:12	12.01	37.76	23.93	9.39	8.11	16.3	2.774	101.3	2.6	0.6
1917	1/26/2016 09:16:12	11.99	37.41	23.69	9.37	8.10	12.6	2.864	100.9	2.3	0.5
1918	1/26/2016 09:31:12	12.02	37.98	24.09	9.38	8.11	14.4	2.927	101.3	2.2	0.5
1919	1/26/2016 09:46:12	12.06	38.37	24.36	9.42	8.13	14.7	3.017	102.0	2.4	0.6
1920	1/26/2016 10:01:12	12.13	38.46	24.42	9.46	8.13	12.0	3.102	102.6	2.6	0.6
1921	1/26/2016 10:16:12	12.16	39.60	25.23	9.46	8.15	13.9	3.208	103.2	1.8	0.4
1922	1/26/2016 10:31:12	12.17	40.44	25.82	9.46	8.17	19.3	3.283	103.6	2.0	0.5
1923	1/26/2016 10:46:12	12.20	40.76	26.04	9.47	8.18	19.8	3.378	103.9	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
1924	1/26/2016 11:01:12	12.22	41.21	26.36	9.48	8.19	24.5	3.468	104.3	2.5	0.6
1925	1/26/2016 11:16:12	12.24	41.50	26.57	9.47	8.19	27.2	3.550	104.4	2.2	0.5
1926	1/26/2016 11:31:12	12.26	41.46	26.54	9.47	8.20	26.6	3.626	104.4	2.5	0.6
1927	1/26/2016 11:46:12	12.29	41.93	26.87	9.47	8.20	27.2	3.741	104.7	2.4	0.6
1928	1/26/2016 12:01:12	12.32	42.34	27.17	9.50	8.21	26.7	3.806	105.2	2.1	0.5
1929	1/26/2016 12:16:12	12.34	42.67	27.40	9.52	8.22	25.2	3.859	105.7	1.5	0.3
1930	1/26/2016 12:31:12	12.39	42.96	27.61	9.54	8.22	23.9	3.925	106.1	1.9	0.4
1931	1/26/2016 12:46:13	12.40	43.01	27.65	9.53	8.23	20.2	3.956	106.1	1.8	0.4
1932	1/26/2016 13:01:12	12.43	43.27	27.83	9.48	8.23	13.4	3.973	105.8	1.5	0.3
1933	1/26/2016 13:16:12	12.42	43.32	27.87	9.45	8.23	12.8	3.981	105.4	1.7	0.4
1934	1/26/2016 13:31:12	12.43	42.69	27.42	9.48	8.22	16.1	3.952	105.4	1.5	0.4
1935	1/26/2016 13:46:12	12.50	42.41	27.22	9.47	8.21	14.8	3.883	105.4	1.8	0.4
1936	1/26/2016 14:01:12	12.70	40.79	26.08	9.43	8.18	16.6	3.831	104.6	1.8	0.4
1937	1/26/2016 14:16:13	12.58	40.83	26.10	9.41	8.18	12.3	3.770	104.2	2.0	0.5
1938	1/26/2016 14:31:13	12.49	40.46	25.84	9.41	8.17	16.1	3.645	103.8	1.9	0.4
1939	1/26/2016 14:46:12	12.51	40.10	25.59	9.39	8.17	19.0	3.568	103.4	2.1	0.5
1940	1/26/2016 15:01:12	12.48	40.37	25.78	9.36	8.17	18.1	3.460	103.2	2.2	0.5
1941	1/26/2016 15:16:12	12.50	39.88	25.43	9.32	8.15	15.2	3.344	102.6	1.9	0.5
	Mean	11.30	40.36	25.74	9.34	7.99	20.23	2.98	100.37	2.59	0.61
	Minimum	9.44	33.95	21.27	8.81	7.84	5.20	1.31	91.40	0.90	0.20
	Maximum	12.70	47.02	30.47	10.08	8.24	137.90	4.30	110.00	5.40	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	1/26/2016 15:46:05	12.34	39.96	25.49	8.67	8.00	19.1	2.905	95.1	2.5	0.6
1	1/26/2016 16:01:05	12.58	39.78	25.37	8.66	8.00	12.7	2.804	95.5	2.4	0.6
2	1/26/2016 16:16:05	12.52	39.21	24.96	8.66	7.99	12.3	2.694	95.1	2.6	0.6
3	1/26/2016 16:31:05	12.49	39.11	24.89	8.64	7.98	12.0	2.528	94.7	2.1	0.5
4	1/26/2016 16:46:05	12.46	38.81	24.68	8.64	7.97	11.3	2.433	94.5	1.9	0.4
5	1/26/2016 17:01:05	12.38	38.17	24.23	8.62	7.96	13.3	2.296	93.9	2.7	0.6
6	1/26/2016 17:16:05	12.40	38.22	24.27	8.64	7.96	13.1	2.179	94.2	2.7	0.7
7	1/26/2016 17:31:05	12.39	37.59	23.83	8.61	7.94	15.9	2.042	93.6	2.9	0.7
8	1/26/2016 17:46:05	12.44	37.93	24.06	8.58	7.94	17.0	1.921	93.5	3.3	0.8
9	1/26/2016 18:01:05	12.44	37.53	23.79	8.57	7.93	24.0	1.838	93.3	3.0	0.7
10	1/26/2016 18:16:05	12.45	37.30	23.63	8.57	7.92	24.9	1.670	93.1	3.0	0.7
11	1/26/2016 18:31:05	12.47	37.13	23.51	8.54	7.91	24.3	1.553	92.8	3.6	0.9
12	1/26/2016 18:46:05	12.48	37.00	23.41	8.52	7.91	23.3	1.526	92.5	2.7	0.6
13	1/26/2016 19:01:05	12.50	36.86	23.32	8.49	7.90	21.4	1.437	92.2	2.0	0.5
14	1/26/2016 19:16:05	12.51	36.75	23.25	8.43	7.89	15.2	1.415	91.5	3.0	0.7
15	1/26/2016 19:31:05	12.50	36.85	23.31	8.50	7.90	19.0	1.396	92.3	2.8	0.7
16	1/26/2016 19:46:06	12.47	37.09	23.48	8.51	7.90	17.4	1.403	92.4	2.4	0.6
17	1/26/2016 20:01:05	12.46	37.14	23.51	8.50	7.89	21.3	1.403	92.3	3.2	0.8
18	1/26/2016 20:16:05	12.45	37.07	23.47	8.51	7.90	14.8	1.502	92.4	2.6	0.6
19	1/26/2016 20:31:05	12.46	36.78	23.26	8.53	7.88	12.8	1.593	92.5	2.9	0.7
20	1/26/2016 20:46:05	12.44	36.36	22.97	8.54	7.88	13.9	1.666	92.4	2.5	0.6
21	1/26/2016 21:01:05	12.42	36.13	22.81	8.55	7.88	13.9	1.749	92.4	2.7	0.6
22	1/26/2016 21:16:05	12.41	36.18	22.85	8.54	7.88	13.3	1.801	92.2	3.1	0.7
23	1/26/2016 21:31:05	12.41	36.74	23.23	8.50	7.89	14.2	1.929	92.1	2.8	0.7
24	1/26/2016 21:46:05	12.39	36.92	23.36	8.53	7.90	13.9	2.023	92.5	2.6	0.6
25	1/26/2016 22:01:06	12.37	37.51	23.77	8.55	7.92	15.6	2.074	92.9	3.2	0.8
26	1/26/2016 22:16:06	12.35	38.27	24.30	8.56	7.94	15.9	2.163	93.2	2.6	0.6
27	1/26/2016 22:31:05	12.35	38.51	24.47	8.58	7.94	18.3	2.287	93.5	2.0	0.5
28	1/26/2016 22:46:05	12.35	38.63	24.55	8.57	7.94	18.0	2.400	93.5	2.4	0.6
29	1/26/2016 23:01:05	12.35	38.79	24.66	8.57	7.94	19.0	2.483	93.5	2.1	0.5
30	1/26/2016 23:16:05	12.37	39.01	24.82	8.59	7.95	20.9	2.587	93.9	3.0	0.7
31	1/26/2016 23:31:06	12.38	39.17	24.93	8.59	7.96	18.6	2.680	94.0	2.9	0.7
32	1/26/2016 23:46:05	12.40	39.24	24.98	8.62	7.96	25.3	2.776	94.4	2.5	0.6
33	1/27/2016 00:01:05	12.41	39.59	25.23	8.63	7.97	27.4	2.879	94.7	2.7	0.6
34	1/27/2016 00:16:06	12.41	39.87	25.43	8.67	7.98	22.8	2.976	95.2	2.6	0.6
35	1/27/2016 00:31:05	12.42	40.96	26.19	8.76	8.00	30.7	3.063	96.7	2.7	0.6
36	1/27/2016 00:46:05	12.44	41.98	26.92	8.95	8.02	32.3	3.168	99.2	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
37	1/27/2016 01:01:05	12.45	42.81	27.50	9.05	8.03	30.2	3.249	100.8	2.1	0.5
38	1/27/2016 01:16:05	12.46	43.37	27.90	9.11	8.04	29.2	3.364	101.7	2.2	0.5
39	1/27/2016 01:31:05	12.46	43.74	28.17	9.13	8.05	27.2	3.434	102.1	2.5	0.6
40	1/27/2016 01:46:05	12.47	44.17	28.48	9.15	8.06	26.5	3.466	102.5	1.9	0.4
41	1/27/2016 02:01:06	12.47	44.57	28.76	9.24	8.07	23.6	3.568	103.8	1.6	0.4
42	1/27/2016 02:16:05	12.47	44.66	28.82	9.25	8.07	20.8	3.594	103.9	1.7	0.4
43	1/27/2016 02:31:06	12.46	44.70	28.85	9.24	8.08	18.3	3.590	103.8	1.7	0.4
44	1/27/2016 02:46:05	12.46	44.35	28.60	9.15	8.07	17.7	3.584	102.7	1.7	0.4
45	1/27/2016 03:01:05	12.46	44.65	28.82	9.22	8.07	18.9	3.538	103.5	2.4	0.6
46	1/27/2016 03:16:06	12.45	43.84	28.24	9.15	8.07	18.6	3.495	102.3	1.6	0.4
47	1/27/2016 03:31:06	12.35	40.68	26.00	8.87	8.01	14.5	3.406	97.7	2.2	0.5
48	1/27/2016 03:46:06	12.37	40.41	25.80	8.72	8.00	19.0	3.307	96.0	2.6	0.6
49	1/27/2016 04:01:05	12.38	40.75	26.04	8.74	8.00	21.4	3.234	96.3	2.1	0.5
50	1/27/2016 04:16:06	12.38	40.71	26.02	8.69	7.99	19.4	3.136	95.7	2.5	0.6
51	1/27/2016 04:31:06	12.36	40.02	25.53	8.63	7.97	15.7	3.042	94.7	1.9	0.5
52	1/27/2016 04:46:06	12.37	39.84	25.40	8.58	7.97	16.7	2.964	94.2	2.2	0.5
53	1/27/2016 05:01:05	12.35	39.75	25.34	8.58	7.96	13.9	2.891	94.0	2.1	0.5
54	1/27/2016 05:16:05	12.35	39.87	25.42	8.61	7.97	12.6	2.792	94.5	2.0	0.5
55	1/27/2016 05:31:05	12.34	39.60	25.23	8.57	7.96	11.9	2.692	93.9	2.5	0.6
56	1/27/2016 05:46:06	12.33	39.15	24.91	8.60	7.96	11.4	2.622	93.9	2.1	0.5
57	1/27/2016 06:01:06	12.31	39.04	24.84	8.53	7.95	10.8	2.520	93.1	2.1	0.5
58	1/27/2016 06:16:06	12.28	38.94	24.77	8.48	7.94	10.4	2.468	92.5	2.7	0.6
59	1/27/2016 06:31:06	12.29	37.98	24.09	8.46	7.92	10.6	2.403	91.9	2.0	0.5
60	1/27/2016 06:46:06	12.27	38.11	24.19	8.45	7.92	11.2	2.340	91.8	2.6	0.6
61	1/27/2016 07:01:05	12.25	38.02	24.12	8.43	7.91	11.0	2.281	91.5	2.2	0.5
62	1/27/2016 07:16:06	12.25	37.72	23.91	8.41	7.91	10.2	2.211	91.2	2.7	0.6
63	1/27/2016 07:31:06	12.25	37.70	23.90	8.39	7.90	10.1	2.201	90.9	2.1	0.5
64	1/27/2016 07:46:06	12.26	37.51	23.77	8.35	7.89	9.6	2.205	90.5	2.9	0.7
65	1/27/2016 08:01:06	12.18	37.42	23.70	8.40	7.89	12.2	2.166	90.8	2.8	0.7
66	1/27/2016 08:16:05	12.19	37.45	23.72	8.40	7.89	10.4	2.187	90.8	2.2	0.5
67	1/27/2016 08:31:06	12.29	38.19	24.24	8.42	7.91	10.3	2.247	91.5	2.8	0.7
68	1/27/2016 08:46:05	12.27	38.02	24.12	8.42	7.91	11.0	2.282	91.4	2.2	0.5
69	1/27/2016 09:01:05	12.23	37.64	23.85	8.44	7.90	10.7	2.328	91.5	2.8	0.7
70	1/27/2016 09:16:06	12.27	37.51	23.77	8.45	7.90	11.5	2.401	91.6	2.3	0.5
71	1/27/2016 09:31:06	12.32	38.41	24.39	8.46	7.92	13.1	2.473	92.1	2.2	0.5
72	1/27/2016 09:46:05	12.35	39.30	25.02	8.53	7.94	12.0	2.544	93.3	2.3	0.6
73	1/27/2016 10:01:06	12.35	39.01	24.82	8.54	7.94	11.2	2.612	93.4	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
74	1/27/2016 10:16:05	12.36	39.48	25.15	8.59	7.95	11.9	2.685	94.0	2.1	0.5
75	1/27/2016 10:31:06	12.38	39.52	25.18	8.63	7.96	11.1	2.762	94.5	2.2	0.5
76	1/27/2016 10:46:06	12.46	39.96	25.49	8.67	7.97	11.1	2.842	95.4	2.5	0.6
77	1/27/2016 11:01:06	12.56	39.90	25.45	8.68	7.97	9.6	2.922	95.7	2.3	0.5
78	1/27/2016 11:16:06	12.55	40.56	25.91	8.72	7.98	10.0	2.981	96.4	1.7	0.4
79	1/27/2016 11:31:06	12.51	41.36	26.48	8.78	8.00	11.1	3.055	97.3	2.0	0.5
80	1/27/2016 11:46:06	12.53	41.55	26.61	8.82	8.01	11.4	3.149	97.8	1.8	0.4
81	1/27/2016 12:01:05	12.43	42.31	27.15	8.87	8.02	17.3	3.211	98.6	1.7	0.4
82	1/27/2016 12:16:06	12.45	42.41	27.22	8.90	8.03	17.9	3.291	98.9	1.6	0.4
83	1/27/2016 12:31:05	12.45	42.52	27.30	8.92	8.03	17.3	3.367	99.2	2.0	0.5
84	1/27/2016 12:46:05	12.45	42.59	27.35	8.93	8.03	18.6	3.421	99.3	1.9	0.4
85	1/27/2016 13:01:06	12.49	42.75	27.46	8.98	8.04	17.7	3.477	100.0	2.1	0.5
86	1/27/2016 13:16:06	12.49	42.88	27.55	8.99	8.04	19.4	3.541	100.3	2.0	0.5
87	1/27/2016 13:31:06	12.48	43.10	27.71	9.04	8.05	17.2	3.546	100.8	1.5	0.3
88	1/27/2016 13:46:06	12.44	43.20	27.78	8.97	8.05	11.0	3.586	100.0	1.9	0.5
89	1/27/2016 14:01:06	12.45	43.19	27.78	8.97	8.05	12.7	3.594	100.0	1.4	0.3
90	1/27/2016 14:16:06	12.45	43.22	27.80	8.99	8.05	14.5	3.557	100.2	1.5	0.4
91	1/27/2016 14:31:06	12.49	42.93	27.59	8.98	8.04	15.2	3.517	100.1	1.4	0.3
92	1/27/2016 14:46:05	12.88	41.64	26.69	8.83	8.01	13.1	3.485	98.8	1.8	0.4
93	1/27/2016 15:01:05	13.00	41.09	26.30	8.76	8.00	10.3	3.392	98.0	1.8	0.4
94	1/27/2016 15:16:05	12.87	41.12	26.32	8.76	8.00	13.1	3.307	97.7	2.0	0.5
95	1/27/2016 15:31:05	12.89	41.01	26.24	8.70	7.99	15.6	3.189	97.1	2.0	0.5
96	1/27/2016 15:46:05	12.91	40.75	26.06	8.66	7.99	16.5	3.109	96.5	2.4	0.6
97	1/27/2016 16:01:05	12.96	40.57	25.93	8.59	7.98	13.4	3.011	95.8	2.2	0.5
98	1/27/2016 16:16:05	12.90	40.67	26.00	8.60	7.98	11.5	2.891	95.8	2.1	0.5
99	1/27/2016 16:31:06	12.92	40.52	25.90	8.63	7.98	10.5	2.802	96.0	2.6	0.6
100	1/27/2016 16:46:06	12.91	40.08	25.59	8.60	7.97	10.2	2.687	95.5	2.8	0.7
101	1/27/2016 17:01:06	12.93	39.39	25.10	8.57	7.96	12.3	2.575	94.9	2.5	0.6
102	1/27/2016 17:16:05	12.94	38.84	24.71	8.52	7.94	12.4	2.464	94.3	2.2	0.5
103	1/27/2016 17:31:06	12.89	39.31	25.05	8.54	7.95	10.1	2.357	94.5	2.2	0.5
104	1/27/2016 17:46:06	12.94	38.51	24.49	8.47	7.93	11.2	2.251	93.6	2.6	0.6
105	1/27/2016 18:01:06	12.93	38.44	24.44	8.45	7.93	12.2	2.124	93.3	2.8	0.7
106	1/27/2016 18:16:05	12.91	38.33	24.36	8.43	7.92	13.8	2.010	93.0	2.8	0.7
107	1/27/2016 18:31:05	12.91	38.22	24.28	8.41	7.92	15.0	1.896	92.7	2.6	0.6
108	1/27/2016 18:46:06	12.95	37.95	24.10	8.39	7.91	16.4	1.795	92.4	2.2	0.5
109	1/27/2016 19:01:06	13.00	37.70	23.92	8.37	7.90	15.4	1.693	92.2	2.2	0.5
110	1/27/2016 19:16:06	13.03	37.51	23.79	8.35	7.90	15.2	1.609	92.0	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
111	1/27/2016 19:31:05	13.05	37.38	23.69	8.30	7.89	13.8	1.584	91.4	2.8	0.7
112	1/27/2016 19:46:06	13.06	37.32	23.65	8.31	7.89	13.3	1.501	91.5	2.6	0.6
113	1/27/2016 20:01:06	13.05	37.42	23.72	8.28	7.89	13.3	1.503	91.2	2.7	0.7
114	1/27/2016 20:16:06	13.02	37.53	23.80	8.34	7.89	14.1	1.539	91.9	2.8	0.7
115	1/27/2016 20:31:06	13.00	37.61	23.86	8.34	7.90	13.9	1.562	91.8	2.5	0.6
116	1/27/2016 20:46:06	12.99	37.61	23.86	8.36	7.90	13.4	1.610	92.0	2.6	0.6
117	1/27/2016 21:01:06	13.01	37.23	23.59	8.39	7.89	11.2	1.680	92.2	2.6	0.6
118	1/27/2016 21:16:06	13.00	37.11	23.51	8.38	7.89	11.4	1.740	92.1	2.6	0.6
119	1/27/2016 21:31:06	13.00	36.77	23.27	8.38	7.88	10.9	1.827	91.9	2.8	0.7
120	1/27/2016 21:46:06	12.97	37.26	23.61	8.35	7.89	11.0	1.915	91.7	2.3	0.5
121	1/27/2016 22:01:06	12.97	37.10	23.50	8.35	7.89	10.8	1.989	91.7	2.8	0.7
122	1/27/2016 22:16:05	12.94	37.53	23.80	8.42	7.90	11.2	2.079	92.6	2.9	0.7
123	1/27/2016 22:31:06	12.88	38.45	24.44	8.45	7.93	13.0	2.167	93.2	2.8	0.7
124	1/27/2016 22:46:06	12.83	38.90	24.76	8.49	7.94	13.4	2.251	93.7	2.5	0.6
125	1/27/2016 23:01:05	12.84	38.86	24.73	8.51	7.94	13.9	2.360	93.9	2.4	0.6
126	1/27/2016 23:16:05	12.82	39.25	25.00	8.52	7.95	12.8	2.449	94.2	2.4	0.6
127	1/27/2016 23:31:06	12.87	39.27	25.02	8.54	7.95	13.1	2.536	94.5	2.7	0.6
128	1/27/2016 23:46:06	12.87	39.60	25.24	8.56	7.96	14.6	2.633	94.9	2.6	0.6
129	1/28/2016 00:01:06	12.84	39.76	25.36	8.60	7.97	15.9	2.724	95.2	2.2	0.5
130	1/28/2016 00:16:06	12.83	39.89	25.45	8.61	7.97	16.8	2.796	95.5	2.6	0.6
131	1/28/2016 00:31:06	12.82	40.27	25.72	8.68	7.98	21.3	2.905	96.4	2.5	0.6
132	1/28/2016 00:46:05	12.81	40.47	25.86	8.71	7.99	17.7	3.000	96.8	2.6	0.6
133	1/28/2016 01:01:06	12.79	40.85	26.13	8.76	8.00	19.5	3.082	97.4	2.6	0.6
134	1/28/2016 01:16:06	12.75	41.87	26.85	8.91	8.03	23.6	3.169	99.4	2.3	0.5
135	1/28/2016 01:31:06	12.73	42.48	27.28	9.01	8.04	24.4	3.248	100.8	1.9	0.5
136	1/28/2016 01:46:06	12.72	42.84	27.54	9.06	8.05	23.9	3.338	101.5	2.3	0.5
137	1/28/2016 02:01:06	12.71	43.24	27.82	9.11	8.06	24.7	3.422	102.2	2.0	0.5
138	1/28/2016 02:16:06	12.70	43.50	28.01	9.12	8.07	23.6	3.462	102.5	2.1	0.5
139	1/28/2016 02:31:06	12.68	43.84	28.24	9.17	8.08	21.6	3.509	103.1	1.1	0.3
140	1/28/2016 02:46:06	12.68	44.02	28.37	9.19	8.08	17.0	3.571	103.4	1.4	0.3
141	1/28/2016 03:01:06	12.67	44.10	28.43	9.19	8.08	13.4	3.545	103.4	1.7	0.4
142	1/28/2016 03:16:06	12.68	44.00	28.36	9.13	8.08	14.4	3.548	102.7	1.4	0.3
143	1/28/2016 03:31:06	12.68	43.99	28.35	9.11	8.08	15.9	3.537	102.5	1.8	0.4
144	1/28/2016 03:46:05	12.69	43.57	28.05	9.08	8.07	14.3	3.467	101.9	1.2	0.3
145	1/28/2016 04:01:05	12.70	41.54	26.61	8.88	8.03	12.9	3.418	98.8	2.1	0.5
146	1/28/2016 04:16:06	12.71	41.12	26.32	8.75	8.01	12.5	3.357	97.2	1.7	0.4
147	1/28/2016 04:31:06	12.74	40.47	25.86	8.63	7.98	11.4	3.236	95.7	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
148	1/28/2016 04:46:06	12.72	40.60	25.95	8.65	7.99	11.2	3.164	95.9	1.9	0.4
149	1/28/2016 05:01:06	12.73	40.62	25.96	8.65	7.99	11.9	3.071	96.0	2.0	0.5
150	1/28/2016 05:16:06	12.73	40.90	26.16	8.66	8.00	14.1	3.004	96.2	2.7	0.6
151	1/28/2016 05:31:06	12.72	40.51	25.89	8.62	7.98	13.8	2.936	95.5	2.0	0.5
152	1/28/2016 05:46:06	12.73	40.11	25.61	8.60	7.98	12.8	2.820	95.2	2.4	0.6
153	1/28/2016 06:01:06	12.72	40.16	25.64	8.58	7.97	12.4	2.747	95.0	2.7	0.6
154	1/28/2016 06:16:06	12.72	40.01	25.53	8.59	7.97	11.3	2.686	95.1	2.2	0.5
155	1/28/2016 06:31:06	12.73	39.50	25.17	8.53	7.95	11.5	2.599	94.1	1.7	0.4
156	1/28/2016 06:46:06	12.71	39.76	25.35	8.59	7.96	17.4	2.504	94.9	2.8	0.7
157	1/28/2016 07:01:06	12.71	39.30	25.03	8.59	7.95	23.1	2.447	94.7	2.6	0.6
158	1/28/2016 07:16:06	12.72	38.97	24.80	8.56	7.94	23.1	2.388	94.3	2.7	0.6
159	1/28/2016 07:31:06	12.72	38.73	24.63	8.55	7.94	22.5	2.332	94.0	2.8	0.7
160	1/28/2016 07:46:06	12.73	38.36	24.37	8.53	7.93	17.0	2.279	93.7	2.9	0.7
161	1/28/2016 08:01:06	12.72	38.23	24.28	8.53	7.93	16.4	2.241	93.7	2.3	0.5
162	1/28/2016 08:16:06	12.72	38.06	24.16	8.52	7.92	16.4	2.220	93.5	2.5	0.6
163	1/28/2016 08:31:06	12.73	37.82	23.99	8.52	7.92	13.3	2.184	93.3	2.7	0.6
164	1/28/2016 08:46:06	12.74	37.94	24.08	8.44	7.91	12.6	2.172	92.6	2.5	0.6
165	1/28/2016 09:01:06	12.74	37.70	23.91	8.53	7.91	12.2	2.221	93.4	2.7	0.6
166	1/28/2016 09:16:05	12.72	38.05	24.15	8.52	7.92	12.9	2.241	93.5	2.2	0.5
167	1/28/2016 09:31:06	12.74	38.69	24.61	8.49	7.93	14.6	2.269	93.4	2.3	0.5
168	1/28/2016 09:46:05	12.72	38.47	24.45	8.47	7.92	14.1	2.326	93.1	2.6	0.6
169	1/28/2016 10:01:06	12.72	38.48	24.45	8.47	7.92	13.5	2.384	93.1	2.8	0.7
170	1/28/2016 10:16:06	12.74	39.05	24.86	8.47	7.94	12.7	2.464	93.3	2.6	0.6
171	1/28/2016 10:31:05	12.72	38.97	24.80	8.52	7.94	9.6	2.544	93.9	2.1	0.5
172	1/28/2016 10:46:05	12.73	39.43	25.12	8.52	7.95	10.3	2.599	94.0	1.7	0.4
173	1/28/2016 11:01:06	12.72	39.59	25.24	8.56	7.96	9.7	2.670	94.6	2.4	0.6
174	1/28/2016 11:16:06	12.72	39.79	25.38	8.62	7.97	11.3	2.742	95.3	1.8	0.4
175	1/28/2016 11:31:06	12.72	39.79	25.38	8.71	7.98	11.8	2.755	96.2	2.3	0.6
176	1/28/2016 11:46:06	12.73	39.90	25.46	8.73	7.99	10.8	2.849	96.6	2.5	0.6
177	1/28/2016 12:01:05	12.73	40.21	25.68	8.74	7.99	9.8	2.903	96.8	2.0	0.5
178	1/28/2016 12:16:06	12.73	40.19	25.66	8.80	8.00	9.5	2.928	97.4	1.8	0.4
179	1/28/2016 12:31:06	12.76	40.31	25.74	8.85	8.01	9.0	3.014	98.2	2.6	0.6
180	1/28/2016 12:46:06	12.77	40.45	25.84	8.85	8.01	9.5	3.090	98.2	2.0	0.5
181	1/28/2016 13:01:06	12.74	41.13	26.32	8.84	8.02	9.4	3.160	98.3	2.2	0.5
182	1/28/2016 13:16:06	12.74	41.67	26.70	8.83	8.03	9.7	3.221	98.5	1.5	0.4
183	1/28/2016 13:31:06	12.72	42.28	27.14	8.86	8.03	10.0	3.277	98.9	1.7	0.4
184	1/28/2016 13:46:06	12.70	42.49	27.28	8.88	8.04	10.8	3.309	99.2	1.0	0.2

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	1/28/2016 14:01:06	12.70	42.62	27.38	8.91	8.04	9.4	3.353	99.7	1.5	0.4
186	1/28/2016 14:16:06	12.72	42.58	27.35	8.91	8.05	8.4	3.401	99.6	1.6	0.4
187	1/28/2016 14:31:06	12.70	42.72	27.45	8.83	8.04	7.0	3.395	98.9	1.7	0.4
188	1/28/2016 14:46:06	12.70	42.74	27.46	8.84	8.04	8.9	3.422	98.9	1.8	0.4
189	1/28/2016 15:01:06	12.71	42.50	27.29	8.82	8.04	9.7	3.398	98.6	1.7	0.4
190	1/28/2016 15:16:06	12.70	42.50	27.29	8.84	8.04	10.1	3.386	98.8	1.5	0.3
191	1/28/2016 15:31:06	12.84	41.29	26.44	8.74	8.02	9.7	3.330	97.5	2.0	0.5
192	1/28/2016 15:46:06	12.89	40.94	26.20	8.74	8.01	10.3	3.229	97.4	2.3	0.5
193	1/28/2016 16:01:06	12.98	40.70	26.03	8.79	8.01	10.9	3.165	98.1	2.7	0.7
194	1/28/2016 16:16:06	12.96	40.68	26.01	8.78	8.01	10.9	3.111	97.9	2.6	0.6
195	1/28/2016 16:31:06	12.90	40.64	25.98	8.71	8.00	10.7	2.996	97.0	2.5	0.6
196	1/28/2016 16:46:06	12.89	40.61	25.96	8.69	8.00	11.6	2.886	96.7	2.5	0.6
197	1/28/2016 17:01:06	12.91	40.17	25.65	8.65	7.98	10.6	2.835	96.1	2.1	0.5
198	1/28/2016 17:16:06	12.89	40.10	25.60	8.63	7.98	9.6	2.740	95.8	2.1	0.5
199	1/28/2016 17:31:06	12.87	40.14	25.63	8.60	7.97	9.8	2.617	95.5	2.4	0.6
200	1/28/2016 17:46:06	12.94	39.30	25.04	8.58	7.95	10.6	2.559	95.0	2.8	0.7
201	1/28/2016 18:01:06	12.90	39.38	25.10	8.57	7.96	10.1	2.468	94.9	2.4	0.6
202	1/28/2016 18:16:06	12.94	38.77	24.66	8.54	7.94	11.2	2.376	94.4	2.6	0.6
203	1/28/2016 18:31:06	12.96	38.49	24.47	8.53	7.93	10.1	2.288	94.2	2.3	0.5
204	1/28/2016 18:46:05	12.88	38.87	24.74	8.55	7.94	10.5	2.174	94.4	2.9	0.7
205	1/28/2016 19:01:05	12.86	38.77	24.66	8.54	7.94	11.0	2.133	94.2	3.2	0.7
206	1/28/2016 19:16:06	12.92	38.24	24.30	8.51	7.92	10.4	2.040	93.8	2.6	0.6
207	1/28/2016 19:31:06	12.92	38.10	24.20	8.51	7.92	10.8	1.931	93.7	2.7	0.6
208	1/28/2016 19:46:06	12.89	38.07	24.18	8.49	7.92	11.9	1.866	93.5	2.8	0.7
209	1/28/2016 20:01:06	12.93	37.77	23.97	8.47	7.91	12.0	1.848	93.2	2.8	0.7
210	1/28/2016 20:16:05	12.94	37.67	23.90	8.45	7.90	10.8	1.800	93.0	3.1	0.7
211	1/28/2016 20:31:06	12.96	37.66	23.89	8.38	7.90	9.2	1.737	92.3	2.9	0.7
212	1/28/2016 20:46:06	12.94	37.81	23.99	8.45	7.91	10.2	1.767	93.0	2.7	0.6
213	1/28/2016 21:01:06	12.93	37.68	23.90	8.49	7.90	9.5	1.765	93.4	2.8	0.7
214	1/28/2016 21:16:06	12.93	37.55	23.81	8.51	7.90	8.3	1.801	93.6	2.0	0.5
215	1/28/2016 21:31:06	12.95	37.99	24.12	8.47	7.91	9.5	1.865	93.4	2.3	0.5
216	1/28/2016 21:46:06	12.91	37.27	23.62	8.49	7.90	9.5	1.833	93.2	2.4	0.6
217	1/28/2016 22:01:06	12.94	37.48	23.76	8.48	7.90	10.0	1.986	93.2	2.6	0.6
218	1/28/2016 22:16:06	12.93	37.86	24.03	8.46	7.91	10.6	2.045	93.1	2.6	0.6
219	1/28/2016 22:31:06	12.92	37.79	23.98	8.46	7.91	10.1	2.121	93.1	3.1	0.7
220	1/28/2016 22:46:05	12.92	37.70	23.92	8.49	7.91	10.1	2.174	93.3	3.1	0.7
221	1/28/2016 23:01:06	12.90	38.11	24.20	8.52	7.93	10.7	2.275	93.8	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
222	1/28/2016 23:16:06	12.89	38.54	24.51	8.55	7.94	11.1	2.348	94.3	3.1	0.7
223	1/28/2016 23:31:06	12.89	39.31	25.05	8.58	7.95	13.0	2.370	94.9	2.5	0.6
224	1/28/2016 23:46:06	12.88	39.56	25.22	8.60	7.96	12.5	2.473	95.3	2.4	0.6
225	1/29/2016 00:01:06	12.89	39.53	25.20	8.60	7.96	12.2	2.563	95.3	2.6	0.6
226	1/29/2016 00:16:05	12.88	39.65	25.28	8.62	7.96	14.0	2.706	95.5	2.6	0.6
227	1/29/2016 00:31:06	12.86	40.08	25.58	8.66	7.98	13.7	2.750	96.2	2.7	0.6
228	1/29/2016 00:46:06	12.85	40.29	25.73	8.71	7.99	14.5	2.858	96.7	2.5	0.6
229	1/29/2016 01:01:06	12.83	40.50	25.88	8.73	7.99	15.9	2.903	97.1	2.7	0.6
230	1/29/2016 01:16:06	12.81	40.73	26.04	8.78	8.00	20.1	2.995	97.6	2.6	0.6
231	1/29/2016 01:31:06	12.79	41.05	26.27	8.84	8.01	21.5	3.079	98.4	2.3	0.5
232	1/29/2016 01:46:06	12.77	41.54	26.61	8.92	8.02	20.2	3.196	99.4	2.2	0.5
233	1/29/2016 02:01:06	12.74	42.28	27.14	9.05	8.04	22.5	3.269	101.2	2.7	0.6
234	1/29/2016 02:16:06	12.72	43.01	27.66	9.25	8.06	28.3	3.311	103.7	2.6	0.6
235	1/29/2016 02:31:06	12.70	43.47	27.98	9.41	8.07	24.0	3.391	105.7	2.0	0.5
236	1/29/2016 02:46:06	12.69	43.69	28.14	9.49	8.08	23.4	3.462	106.7	2.4	0.6
237	1/29/2016 03:01:05	12.68	43.93	28.31	9.56	8.08	19.2	3.484	107.5	1.5	0.3
238	1/29/2016 03:16:06	12.67	44.02	28.37	9.61	8.09	18.9	3.567	108.2	1.6	0.4
239	1/29/2016 03:31:06	12.67	44.04	28.39	9.62	8.09	17.5	3.590	108.2	2.2	0.5
240	1/29/2016 03:46:06	12.67	44.05	28.40	9.54	8.09	15.1	3.576	107.3	2.4	0.6
241	1/29/2016 04:01:06	12.67	44.08	28.41	9.53	8.08	16.7	3.510	107.2	1.7	0.4
242	1/29/2016 04:16:06	12.67	44.03	28.38	9.55	8.09	15.7	3.491	107.4	2.1	0.5
243	1/29/2016 04:31:06	12.68	43.96	28.33	9.52	8.08	16.6	3.475	107.1	1.7	0.4
244	1/29/2016 04:46:06	12.70	42.52	27.31	9.35	8.07	16.0	3.408	104.6	1.9	0.5
245	1/29/2016 05:01:06	12.72	41.74	26.75	9.10	8.05	14.3	3.350	101.5	2.2	0.5
246	1/29/2016 05:16:06	12.73	41.93	26.89	9.07	8.04	15.8	3.313	101.2	2.1	0.5
247	1/29/2016 05:31:06	12.75	40.67	26.00	8.98	8.02	16.2	3.215	99.7	2.0	0.5
248	1/29/2016 05:46:06	12.76	40.45	25.85	8.93	8.01	15.8	3.183	99.0	2.3	0.5
249	1/29/2016 06:01:06	12.76	40.73	26.04	8.95	8.01	14.0	3.072	99.4	2.0	0.5
250	1/29/2016 06:16:06	12.77	40.70	26.02	8.90	8.01	17.1	2.980	98.9	2.5	0.6
251	1/29/2016 06:31:06	12.80	40.11	25.60	8.80	7.99	21.9	2.911	97.6	2.5	0.6
252	1/29/2016 06:46:06	12.80	39.63	25.27	8.79	7.98	16.0	2.884	97.2	2.7	0.6
253	1/29/2016 07:01:06	12.80	39.39	25.10	8.80	7.98	15.6	2.803	97.3	2.3	0.5
254	1/29/2016 07:16:06	12.77	39.58	25.23	8.87	7.99	16.1	2.738	98.0	2.3	0.6
255	1/29/2016 07:31:06	12.76	39.44	25.13	8.90	7.99	13.0	2.712	98.3	2.5	0.6
256	1/29/2016 07:46:06	12.75	39.21	24.97	8.90	7.99	13.0	2.592	98.2	2.7	0.6
257	1/29/2016 08:01:06	12.74	38.92	24.77	8.90	7.98	12.0	2.516	98.0	2.4	0.6
258	1/29/2016 08:16:06	12.72	38.99	24.81	8.88	7.98	13.5	2.440	97.8	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
259	1/29/2016 08:31:06	12.71	38.72	24.63	8.83	7.97	13.1	2.420	97.1	2.1	0.5
260	1/29/2016 08:46:06	12.72	38.52	24.48	8.81	7.96	12.9	2.342	96.8	2.3	0.5
261	1/29/2016 09:01:06	12.75	38.01	24.13	8.74	7.95	11.9	2.329	95.9	2.2	0.5
262	1/29/2016 09:16:06	12.76	37.96	24.10	8.72	7.95	11.7	2.287	95.7	2.2	0.5
263	1/29/2016 09:31:06	12.75	37.88	24.04	8.70	7.95	10.8	2.254	95.4	2.1	0.5
264	1/29/2016 09:46:06	12.76	38.00	24.12	8.71	7.94	10.8	2.287	95.6	2.1	0.5
265	1/29/2016 10:01:06	12.75	37.93	24.07	8.76	7.95	10.8	2.316	96.1	2.1	0.5
266	1/29/2016 10:16:06	12.76	38.14	24.22	8.73	7.95	11.1	2.328	95.8	2.4	0.6
267	1/29/2016 10:31:06	12.76	38.25	24.30	8.74	7.95	12.9	2.341	96.0	2.2	0.5
268	1/29/2016 10:46:06	12.76	38.33	24.36	8.74	7.95	12.2	2.401	96.1	2.0	0.5
269	1/29/2016 11:01:06	12.77	38.25	24.30	8.73	7.95	14.3	2.448	95.9	2.3	0.5
270	1/29/2016 11:16:06	12.76	37.99	24.11	8.75	7.95	15.0	2.501	96.0	2.5	0.6
271	1/29/2016 11:31:06	12.77	38.13	24.21	8.72	7.95	12.2	2.527	95.8	2.5	0.6
272	1/29/2016 11:46:06	12.77	38.52	24.49	8.77	7.96	10.8	2.629	96.5	2.2	0.5
273	1/29/2016 12:01:06	12.76	38.79	24.67	8.80	7.97	10.9	2.673	96.9	1.9	0.5
274	1/29/2016 12:16:06	12.75	38.99	24.81	8.84	7.97	11.1	2.748	97.4	2.0	0.5
275	1/29/2016 12:31:06	12.75	38.95	24.79	8.87	7.98	11.1	2.800	97.7	2.5	0.6
276	1/29/2016 12:46:06	12.75	39.33	25.06	8.92	7.99	10.0	2.882	98.5	2.1	0.5
277	1/29/2016 13:01:06	12.75	39.70	25.32	8.94	8.00	10.3	2.950	98.8	2.3	0.5
278	1/29/2016 13:16:06	12.74	39.75	25.35	8.96	8.00	10.9	2.994	99.0	1.9	0.4
279	1/29/2016 13:31:06	12.74	40.05	25.56	8.99	8.01	10.0	3.043	99.5	2.0	0.5
280	1/29/2016 13:46:06	12.74	41.02	26.24	9.03	8.02	10.6	3.094	100.4	2.1	0.5
281	1/29/2016 14:01:06	12.73	41.48	26.57	9.08	8.03	10.1	3.160	101.1	1.9	0.5
282	1/29/2016 14:16:06	12.73	41.62	26.67	9.09	8.03	9.9	3.186	101.2	2.1	0.5
283	1/29/2016 14:31:06	12.73	41.79	26.79	9.11	8.03	7.9	3.212	101.6	2.2	0.5
284	1/29/2016 14:46:06	12.72	41.75	26.76	9.09	8.03	9.6	3.250	101.4	1.5	0.4
285	1/29/2016 15:01:06	12.73	41.53	26.61	9.02	8.03	8.9	3.243	100.4	1.6	0.4
286	1/29/2016 15:16:06	12.73	41.78	26.78	8.99	8.03	9.2	3.274	100.2	2.0	0.5
287	1/29/2016 15:31:06	12.73	41.79	26.79	8.98	8.03	9.4	3.225	100.2	1.7	0.4
288	1/29/2016 15:46:06	12.74	41.41	26.52	8.96	8.02	10.1	3.210	99.8	2.1	0.5
289	1/29/2016 16:01:06	12.74	41.32	26.46	8.94	8.02	10.4	3.154	99.5	2.5	0.6
290	1/29/2016 16:16:06	12.74	40.92	26.18	8.95	8.02	10.3	3.153	99.4	2.2	0.5
291	1/29/2016 16:31:06	12.75	40.39	25.80	8.86	8.00	10.8	3.088	98.2	1.6	0.4
292	1/29/2016 16:46:06	12.75	39.81	25.39	8.86	7.99	16.6	3.006	98.0	2.5	0.6
293	1/29/2016 17:01:06	12.76	39.85	25.42	8.82	7.99	13.4	2.958	97.6	2.0	0.5
294	1/29/2016 17:16:05	12.74	39.18	24.95	8.84	7.98	14.4	2.876	97.4	2.5	0.6
295	1/29/2016 17:31:05	12.70	38.47	24.45	8.84	7.97	15.0	2.823	97.1	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
296	1/29/2016 17:46:06	12.69	38.53	24.49	8.84	7.98	13.3	2.720	97.1	2.6	0.6
297	1/29/2016 18:01:06	12.67	38.23	24.28	8.85	7.97	13.3	2.664	97.1	2.5	0.6
298	1/29/2016 18:16:06	12.67	38.30	24.33	8.82	7.97	11.7	2.577	96.7	2.5	0.6
299	1/29/2016 18:31:06	12.71	38.49	24.47	8.75	7.96	12.9	2.478	96.1	2.8	0.7
300	1/29/2016 18:46:06	12.66	38.02	24.14	8.74	7.96	12.3	2.406	95.7	3.0	0.7
301	1/29/2016 19:01:06	12.67	38.00	24.12	8.69	7.95	11.2	2.344	95.2	2.3	0.5
302	1/29/2016 19:16:06	12.65	37.95	24.09	8.68	7.95	12.0	2.264	95.1	2.5	0.6
303	1/29/2016 19:31:05	12.64	37.68	23.90	8.65	7.94	11.9	2.199	94.5	2.7	0.6
304	1/29/2016 19:46:06	12.64	37.60	23.84	8.63	7.93	12.0	2.098	94.3	2.9	0.7
305	1/29/2016 20:01:06	12.59	37.50	23.77	8.63	7.93	12.3	2.061	94.1	2.5	0.6
306	1/29/2016 20:16:06	12.63	37.37	23.68	8.60	7.92	10.6	1.983	93.8	2.6	0.6
307	1/29/2016 20:31:06	12.61	37.56	23.81	8.58	7.93	12.2	1.942	93.7	2.0	0.5
308	1/29/2016 20:46:06	12.57	37.39	23.69	8.62	7.92	13.0	1.961	94.0	2.2	0.5
309	1/29/2016 21:01:06	12.51	37.32	23.64	8.65	7.93	11.8	1.898	94.2	2.9	0.7
310	1/29/2016 21:16:06	12.55	37.38	23.68	8.66	7.93	10.8	1.920	94.4	2.8	0.7
311	1/29/2016 21:31:06	12.55	37.27	23.61	8.69	7.93	10.6	1.940	94.6	2.7	0.6
312	1/29/2016 21:46:06	12.63	37.57	23.82	8.66	7.93	10.1	1.963	94.5	2.8	0.7
313	1/29/2016 22:01:06	12.65	37.69	23.90	8.62	7.93	11.3	2.038	94.3	2.4	0.6
314	1/29/2016 22:16:06	12.65	37.61	23.85	8.64	7.93	10.5	2.034	94.4	3.0	0.7
315	1/29/2016 22:31:06	12.66	37.75	23.94	8.62	7.93	13.7	2.126	94.3	2.8	0.7
316	1/29/2016 22:46:06	12.67	37.73	23.93	8.65	7.93	14.0	2.177	94.7	2.4	0.6
317	1/29/2016 23:01:06	12.66	37.50	23.77	8.66	7.93	11.9	2.215	94.6	2.6	0.6
318	1/29/2016 23:16:06	12.68	37.80	23.98	8.65	7.93	12.2	2.307	94.6	2.5	0.6
319	1/29/2016 23:31:06	12.67	37.89	24.04	8.70	7.94	12.8	2.345	95.3	2.6	0.6
320	1/29/2016 23:46:06	12.66	37.87	24.03	8.74	7.95	13.9	2.404	95.6	2.8	0.7
321	1/30/2016 00:01:06	12.63	37.42	23.72	8.79	7.94	16.5	2.499	96.0	2.6	0.6
322	1/30/2016 00:16:06	12.62	37.64	23.87	8.82	7.95	17.7	2.552	96.4	2.5	0.6
323	1/30/2016 00:31:06	12.62	37.78	23.96	8.85	7.95	16.2	2.650	96.7	2.8	0.7
324	1/30/2016 00:46:06	12.61	38.06	24.16	8.88	7.96	15.2	2.727	97.1	2.1	0.5
325	1/30/2016 01:01:06	12.61	38.20	24.26	8.90	7.97	14.1	2.784	97.4	2.9	0.7
326	1/30/2016 01:16:06	12.60	38.10	24.19	8.91	7.97	14.4	2.884	97.5	3.3	0.8
327	1/30/2016 01:31:06	12.57	38.21	24.26	8.94	7.97	15.5	2.960	97.8	2.8	0.7
328	1/30/2016 01:46:06	12.59	39.01	24.82	8.97	7.98	19.2	3.045	98.5	3.4	0.8
329	1/30/2016 02:01:06	12.59	39.59	25.23	9.02	8.00	19.9	3.135	99.3	2.5	0.6
330	1/30/2016 02:16:06	12.66	41.05	26.26	9.06	8.02	26.7	3.204	100.5	2.9	0.7
331	1/30/2016 02:31:06	12.64	41.33	26.46	9.12	8.03	31.5	3.291	101.3	3.1	0.7
332	1/30/2016 02:46:06	12.62	41.49	26.58	9.19	8.03	25.4	3.346	102.1	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	1/30/2016 03:01:06	12.59	42.06	26.98	9.26	8.05	43.6	3.430	103.1	2.9	0.7
334	1/30/2016 03:16:06	12.54	42.51	27.29	9.38	8.06	38.5	3.505	104.5	2.8	0.7
335	1/30/2016 03:31:07	12.53	42.57	27.34	9.39	8.06	20.3	3.545	104.6	2.6	0.6
336	1/30/2016 03:46:06	12.53	42.87	27.55	9.40	8.06	18.2	3.547	104.9	2.3	0.6
337	1/30/2016 04:01:06	12.53	42.94	27.60	9.31	8.06	12.1	3.583	103.9	2.5	0.6
338	1/30/2016 04:16:06	12.53	42.89	27.57	9.34	8.06	16.5	3.618	104.2	2.4	0.6
339	1/30/2016 04:31:06	12.53	42.76	27.47	9.31	8.06	13.9	3.564	103.8	2.5	0.6
340	1/30/2016 04:46:06	12.53	42.54	27.32	9.31	8.06	16.6	3.517	103.8	2.4	0.6
341	1/30/2016 05:01:06	12.53	42.37	27.20	9.30	8.06	17.9	3.500	103.6	2.9	0.7
342	1/30/2016 05:16:06	12.57	42.08	26.99	9.20	8.05	17.9	3.446	102.4	2.3	0.5
343	1/30/2016 05:31:06	12.56	41.49	26.57	9.15	8.04	23.6	3.350	101.5	2.9	0.7
344	1/30/2016 05:46:06	12.58	40.78	26.07	9.07	8.02	24.0	3.281	100.3	2.7	0.6
345	1/30/2016 06:01:06	12.51	40.00	25.52	9.07	8.01	21.9	3.191	99.8	2.4	0.6
346	1/30/2016 06:16:06	12.54	39.92	25.46	9.00	8.00	22.5	3.123	99.1	3.0	0.7
347	1/30/2016 06:31:06	12.28	38.04	24.14	9.03	7.98	18.1	3.056	98.2	2.7	0.6
348	1/30/2016 06:46:06	12.20	37.67	23.88	9.03	7.97	16.3	2.977	97.8	3.2	0.8
349	1/30/2016 07:01:06	12.14	37.35	23.65	9.01	7.97	16.9	2.931	97.3	3.1	0.7
350	1/30/2016 07:16:05	12.13	37.39	23.68	8.96	7.96	15.1	2.836	96.8	2.7	0.6
351	1/30/2016 07:31:06	12.08	37.11	23.49	8.95	7.95	15.1	2.748	96.4	3.2	0.8
352	1/30/2016 07:46:06	12.05	36.97	23.38	8.92	7.95	13.0	2.698	96.0	2.5	0.6
353	1/30/2016 08:01:06	12.05	37.11	23.48	8.94	7.95	12.0	2.629	96.3	2.5	0.6
354	1/30/2016 08:16:06	12.33	37.98	24.10	8.84	7.96	15.2	2.542	96.1	3.2	0.8
355	1/30/2016 08:31:06	12.31	38.06	24.15	8.82	7.96	15.2	2.485	95.9	2.6	0.6
356	1/30/2016 08:46:06	12.31	38.03	24.13	8.79	7.96	15.5	2.420	95.6	2.7	0.6
357	1/30/2016 09:01:06	12.14	37.55	23.79	8.81	7.95	12.5	2.368	95.3	2.8	0.7
358	1/30/2016 09:16:06	12.16	37.33	23.64	8.79	7.94	11.7	2.305	95.0	2.4	0.6
359	1/30/2016 09:31:06	12.27	37.32	23.64	8.71	7.93	11.2	2.296	94.3	2.3	0.5
360	1/30/2016 09:46:06	12.27	37.14	23.51	8.67	7.92	10.8	2.243	93.8	3.3	0.8
361	1/30/2016 10:01:06	12.22	37.07	23.46	8.68	7.93	9.6	2.220	93.8	2.8	0.7
362	1/30/2016 10:16:06	12.17	37.55	23.79	8.74	7.94	11.2	2.222	94.6	2.4	0.6
363	1/30/2016 10:31:06	12.26	37.66	23.87	8.77	7.94	10.5	2.223	95.1	3.1	0.7
364	1/30/2016 10:46:06	12.21	37.41	23.69	8.79	7.94	10.3	2.226	95.1	2.6	0.6
365	1/30/2016 11:01:06	12.26	37.47	23.74	8.77	7.94	10.4	2.258	95.0	2.4	0.6
366	1/30/2016 11:16:06	12.30	37.44	23.72	8.73	7.93	9.6	2.301	94.7	2.2	0.5
367	1/30/2016 11:31:06	12.42	38.21	24.26	8.71	7.94	10.5	2.321	94.9	2.0	0.5
368	1/30/2016 11:46:06	12.34	37.70	23.90	8.72	7.94	10.8	2.384	94.7	2.1	0.5
369	1/30/2016 12:01:06	12.35	37.83	23.99	8.76	7.94	20.0	2.412	95.2	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
370	1/30/2016 12:16:06	12.35	37.64	23.86	8.75	7.94	13.0	2.457	95.0	2.7	0.6
371	1/30/2016 12:31:06	12.38	37.87	24.02	8.75	7.94	11.4	2.531	95.2	2.3	0.6
372	1/30/2016 12:46:06	12.34	37.46	23.74	8.77	7.94	14.2	2.565	95.2	2.3	0.5
373	1/30/2016 13:01:06	12.32	37.29	23.61	8.82	7.94	12.2	2.613	95.6	2.9	0.7
374	1/30/2016 13:16:06	12.30	37.53	23.78	8.87	7.94	10.7	2.659	96.2	2.4	0.6
375	1/30/2016 13:31:06	12.30	37.79	23.96	8.88	7.95	10.8	2.721	96.4	2.4	0.6
376	1/30/2016 13:46:06	12.26	37.73	23.92	8.91	7.95	10.6	2.753	96.6	2.8	0.7
377	1/30/2016 14:01:06	12.24	37.85	24.00	8.95	7.96	9.9	2.797	97.1	2.0	0.5
378	1/30/2016 14:16:06	12.25	38.09	24.17	8.96	7.96	9.2	2.855	97.3	1.9	0.5
379	1/30/2016 14:31:06	12.27	38.25	24.29	9.00	7.97	9.2	2.883	97.8	2.8	0.7
380	1/30/2016 14:46:06	12.36	39.95	25.48	9.06	8.00	10.8	2.914	99.4	2.7	0.6
381	1/30/2016 15:01:06	12.35	39.79	25.36	9.01	8.00	9.8	2.964	98.8	2.0	0.5
382	1/30/2016 15:16:06	12.31	39.07	24.86	9.01	7.99	10.1	3.008	98.4	2.4	0.6
383	1/30/2016 15:31:06	12.30	38.74	24.63	8.95	7.98	8.6	3.026	97.5	2.6	0.6
384	1/30/2016 15:46:06	12.34	38.36	24.36	8.86	7.97	8.0	3.026	96.5	1.8	0.4
385	1/30/2016 16:01:05	12.36	39.37	25.07	8.87	7.98	9.0	3.055	97.1	2.5	0.6
386	1/30/2016 16:16:06	12.35	39.21	24.96	8.86	7.98	8.9	3.033	96.9	2.3	0.6
387	1/30/2016 16:31:06	12.34	39.47	25.14	8.92	7.99	9.3	3.018	97.7	2.3	0.6
388	1/30/2016 16:46:06	12.31	38.46	24.43	8.90	7.97	8.6	3.013	96.9	2.8	0.7
389	1/30/2016 17:01:06	12.28	38.48	24.44	8.93	7.98	9.2	2.963	97.2	2.7	0.6
390	1/30/2016 17:16:06	12.29	38.51	24.46	8.90	7.97	11.7	2.937	97.0	2.5	0.6
391	1/30/2016 17:31:06	12.35	37.61	23.84	8.84	7.95	17.3	2.907	96.0	2.9	0.7
392	1/30/2016 17:46:06	12.38	37.55	23.80	8.77	7.94	14.4	2.812	95.3	2.4	0.6
393	1/30/2016 18:01:06	12.37	37.49	23.75	8.73	7.94	13.1	2.775	94.8	3.0	0.7
394	1/30/2016 18:16:07	12.25	36.60	23.13	8.85	7.94	12.9	2.720	95.4	3.1	0.7
395	1/30/2016 18:31:06	12.19	36.46	23.04	8.90	7.93	11.5	2.631	95.8	2.7	0.6
396	1/30/2016 18:46:06	12.24	36.52	23.08	8.86	7.93	13.7	2.603	95.6	2.7	0.6
397	1/30/2016 19:01:06	12.24	36.60	23.13	8.85	7.93	12.6	2.519	95.4	2.8	0.7
398	1/30/2016 19:16:06	12.26	36.66	23.18	8.82	7.93	11.4	2.471	95.2	3.0	0.7
399	1/30/2016 19:31:06	12.29	36.78	23.26	8.77	7.93	11.0	2.420	94.8	3.0	0.7
400	1/30/2016 19:46:05	12.28	36.68	23.19	8.76	7.92	10.2	2.355	94.7	3.0	0.7
401	1/30/2016 20:01:06	12.26	36.52	23.08	8.75	7.92	9.7	2.290	94.4	2.7	0.6
402	1/30/2016 20:16:06	12.25	36.28	22.91	8.74	7.91	9.0	2.232	94.1	2.9	0.7
403	1/30/2016 20:31:06	12.22	36.04	22.74	8.73	7.91	9.2	2.196	93.8	3.6	0.8
404	1/30/2016 20:46:06	12.22	36.09	22.78	8.73	7.90	9.6	2.136	93.9	3.2	0.8
405	1/30/2016 21:01:06	12.20	35.91	22.65	8.69	7.90	9.2	2.132	93.4	3.4	0.8
406	1/30/2016 21:16:06	12.20	35.98	22.70	8.72	7.90	9.9	2.089	93.7	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
407	1/30/2016 21:31:06	12.20	36.14	22.81	8.66	7.90	8.3	2.069	93.2	2.8	0.7
408	1/30/2016 21:46:06	12.14	35.85	22.61	8.80	7.90	9.6	2.066	94.4	2.9	0.7
409	1/30/2016 22:01:06	12.18	35.80	22.58	8.78	7.90	9.2	2.067	94.2	3.0	0.7
410	1/30/2016 22:16:06	12.17	35.79	22.57	8.79	7.90	8.6	2.097	94.3	3.5	0.8
411	1/30/2016 22:31:06	12.18	35.82	22.59	8.78	7.89	8.8	2.138	94.3	2.8	0.7
412	1/30/2016 22:46:06	12.26	36.33	22.95	8.73	7.90	8.9	2.161	94.1	2.9	0.7
413	1/30/2016 23:01:06	12.26	36.35	22.96	8.73	7.90	9.0	2.186	94.1	2.6	0.6
414	1/30/2016 23:16:06	12.27	36.36	22.96	8.71	7.90	9.8	2.266	94.0	3.2	0.8
415	1/30/2016 23:31:06	12.28	36.37	22.97	8.73	7.90	11.1	2.306	94.2	2.7	0.7
416	1/30/2016 23:46:06	12.28	36.22	22.87	8.78	7.90	9.8	2.345	94.6	2.8	0.7
417	1/31/2016 00:01:06	12.28	36.59	23.13	8.81	7.91	10.1	2.425	95.1	3.1	0.7
418	1/31/2016 00:16:06	12.29	36.78	23.26	8.83	7.92	11.2	2.484	95.4	2.9	0.7
419	1/31/2016 00:31:06	12.31	37.77	23.95	8.90	7.95	10.1	2.542	96.6	2.9	0.7
420	1/31/2016 00:46:06	12.31	38.40	24.39	8.99	7.97	10.1	2.602	97.9	2.4	0.6
421	1/31/2016 01:01:06	12.29	38.56	24.50	9.01	7.97	9.5	2.672	98.1	2.6	0.6
422	1/31/2016 01:16:06	12.29	39.04	24.83	9.06	7.98	9.6	2.742	98.8	2.9	0.7
423	1/31/2016 01:31:06	12.29	39.26	24.99	9.11	7.99	11.4	2.816	99.5	2.1	0.5
424	1/31/2016 01:46:06	12.25	38.50	24.46	9.04	7.97	11.2	2.876	98.3	2.9	0.7
425	1/31/2016 02:01:06	12.28	39.24	24.97	9.07	7.99	12.0	2.954	99.1	2.6	0.6
426	1/31/2016 02:16:06	12.28	39.93	25.46	9.11	8.00	12.4	3.028	99.8	2.5	0.6
427	1/31/2016 02:31:06	12.27	39.89	25.43	9.12	8.01	12.6	3.111	99.9	2.5	0.6
428	1/31/2016 02:46:06	12.29	40.89	26.14	9.16	8.03	14.2	3.178	100.8	2.6	0.6
429	1/31/2016 03:01:06	12.25	40.83	26.10	9.20	8.03	13.9	3.251	101.1	2.5	0.6
430	1/31/2016 03:16:06	12.25	41.36	26.47	9.20	8.04	13.7	3.311	101.4	2.3	0.5
431	1/31/2016 03:31:06	12.22	41.81	26.79	9.24	8.05	16.0	3.362	101.9	2.4	0.6
432	1/31/2016 03:46:06	12.21	42.01	26.93	9.25	8.05	16.3	3.415	102.1	2.7	0.6
433	1/31/2016 04:01:06	12.20	42.17	27.04	9.27	8.06	15.7	3.463	102.4	2.4	0.6
434	1/31/2016 04:16:07	12.14	41.80	26.78	9.29	8.06	14.1	3.482	102.3	1.8	0.4
435	1/31/2016 04:31:07	12.21	42.37	27.19	9.17	8.06	13.6	3.505	101.4	1.9	0.4
436	1/31/2016 04:46:06	12.23	42.76	27.46	9.16	8.06	13.9	3.500	101.5	1.8	0.4
437	1/31/2016 05:01:06	12.23	42.24	27.10	9.18	8.05	11.0	3.506	101.4	2.0	0.5
438	1/31/2016 05:16:06	12.25	41.79	26.78	9.14	8.05	10.4	3.474	100.9	2.5	0.6
439	1/31/2016 05:31:06	12.12	41.09	26.28	9.14	8.04	13.0	3.436	100.3	2.3	0.5
440	1/31/2016 05:46:07	11.87	39.37	25.06	9.14	8.02	13.1	3.392	99.0	2.4	0.6
441	1/31/2016 06:01:06	11.90	39.40	25.08	9.15	8.02	12.9	3.337	99.1	2.1	0.5
442	1/31/2016 06:16:06	11.67	37.43	23.69	9.05	8.00	13.1	3.271	96.8	2.9	0.7
443	1/31/2016 06:31:06	11.64	37.42	23.68	9.04	7.98	13.7	3.203	96.6	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
444	1/31/2016 06:46:06	11.98	39.04	24.83	9.06	7.99	18.1	3.126	98.3	2.5	0.6
445	1/31/2016 07:01:06	11.55	37.07	23.44	9.08	7.96	13.3	3.061	96.7	3.0	0.7
446	1/31/2016 07:16:06	11.88	38.48	24.43	9.01	7.98	13.6	2.974	97.2	2.5	0.6
447	1/31/2016 07:31:06	11.74	38.21	24.24	9.07	7.98	14.7	2.905	97.5	2.9	0.7
448	1/31/2016 07:46:06	11.74	38.18	24.22	9.08	7.98	15.3	2.842	97.5	2.2	0.5
449	1/31/2016 08:01:06	11.41	37.43	23.69	9.10	7.96	11.8	2.779	96.7	3.1	0.7
450	1/31/2016 08:16:06	11.50	37.26	23.57	9.03	7.95	9.7	2.689	96.1	2.8	0.7
451	1/31/2016 08:31:06	11.33	37.10	23.46	9.07	7.95	9.2	2.628	96.1	2.8	0.7
452	1/31/2016 08:46:06	11.49	37.28	23.58	9.02	7.95	8.9	2.547	96.0	2.8	0.7
453	1/31/2016 09:01:06	11.49	37.14	23.49	8.98	7.94	8.7	2.485	95.5	2.8	0.7
454	1/31/2016 09:16:07	11.57	37.09	23.46	8.92	7.93	8.3	2.406	95.1	2.5	0.6
455	1/31/2016 09:31:06	11.61	36.92	23.33	8.90	7.93	8.5	2.346	94.8	2.2	0.5
456	1/31/2016 09:46:06	11.60	37.01	23.40	8.90	7.93	8.6	2.296	94.8	2.9	0.7
457	1/31/2016 10:01:06	11.71	37.23	23.56	8.87	7.93	9.0	2.233	94.8	2.7	0.6
458	1/31/2016 10:16:06	11.73	37.60	23.82	8.89	7.94	9.8	2.183	95.3	2.1	0.5
459	1/31/2016 10:31:06	11.70	37.21	23.54	8.88	7.94	9.0	2.149	94.9	2.5	0.6
460	1/31/2016 10:46:06	11.81	37.61	23.83	8.85	7.94	8.5	2.115	95.0	2.4	0.6
461	1/31/2016 11:01:07	11.80	37.44	23.71	8.75	7.93	7.0	2.105	93.8	2.6	0.6
462	1/31/2016 11:16:06	11.76	37.10	23.47	8.76	7.92	5.6	2.086	93.8	2.8	0.7
463	1/31/2016 11:31:07	11.57	36.73	23.20	9.01	7.93	8.7	2.093	95.9	2.7	0.6
464	1/31/2016 11:46:06	11.67	36.68	23.17	8.94	7.92	7.2	2.108	95.3	2.8	0.7
465	1/31/2016 12:01:07	11.71	36.70	23.18	8.91	7.92	7.1	2.121	95.0	2.6	0.6
466	1/31/2016 12:16:06	11.80	37.24	23.56	8.87	7.92	7.3	2.157	95.1	2.6	0.6
467	1/31/2016 12:31:07	11.88	37.86	24.00	8.83	7.94	8.3	2.190	95.1	2.3	0.5
468	1/31/2016 12:46:06	11.86	37.74	23.92	8.85	7.94	9.0	2.220	95.1	2.6	0.6
469	1/31/2016 13:01:06	11.89	37.84	23.99	8.84	7.94	8.6	2.277	95.1	2.3	0.5
470	1/31/2016 13:16:06	11.78	36.93	23.35	8.90	7.92	8.3	2.317	95.2	3.0	0.7
471	1/31/2016 13:31:06	11.83	37.36	23.65	8.85	7.93	7.9	2.351	94.9	2.0	0.5
472	1/31/2016 13:46:06	11.83	37.41	23.69	8.84	7.93	8.4	2.391	94.9	2.3	0.5
473	1/31/2016 14:01:06	11.84	37.52	23.76	8.82	7.93	7.9	2.430	94.7	2.3	0.6
474	1/31/2016 14:16:06	11.82	37.50	23.75	8.84	7.94	8.9	2.484	94.9	2.1	0.5
475	1/31/2016 14:31:06	11.80	37.58	23.80	8.87	7.94	8.1	2.527	95.2	2.5	0.6
476	1/31/2016 14:46:06	11.82	37.89	24.02	8.87	7.95	7.8	2.573	95.3	2.6	0.6
477	1/31/2016 15:01:07	11.81	37.89	24.02	8.89	7.95	7.8	2.620	95.6	2.2	0.5
478	1/31/2016 15:16:07	11.70	36.79	23.25	8.98	7.93	7.5	2.664	95.8	2.4	0.6
479	1/31/2016 15:31:06	11.72	36.94	23.35	8.99	7.93	8.7	2.697	96.0	2.6	0.6
480	1/31/2016 15:46:06	11.68	36.73	23.21	9.06	7.94	14.5	2.740	96.6	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
481	1/31/2016 16:01:06	11.67	36.61	23.13	9.09	7.94	24.7	2.766	96.9	3.5	0.8
482	1/31/2016 16:16:07	11.63	36.41	22.98	9.15	7.94	28.3	2.791	97.3	3.7	0.9
483	1/31/2016 16:31:07	11.60	36.36	22.95	9.12	7.94	29.9	2.816	96.9	3.3	0.8
484	1/31/2016 16:46:07	11.63	36.66	23.15	8.98	7.93	14.5	2.838	95.6	3.2	0.8
485	1/31/2016 17:01:06	11.60	36.48	23.03	9.05	7.93	19.1	2.837	96.2	3.2	0.8
486	1/31/2016 17:16:06	11.65	37.26	23.57	9.03	7.94	21.7	2.846	96.4	3.0	0.7
487	1/31/2016 17:31:06	11.54	37.08	23.45	9.13	7.95	24.1	2.844	97.2	3.2	0.8
488	1/31/2016 17:46:06	11.46	37.29	23.59	9.17	7.95	23.7	2.813	97.5	3.0	0.7
489	1/31/2016 18:01:06	11.45	37.37	23.64	9.17	7.95	27.1	2.794	97.6	3.4	0.8
490	1/31/2016 18:16:06	11.33	37.23	23.54	9.24	7.95	36.1	2.762	98.0	3.9	0.9
491	1/31/2016 18:31:06	11.21	37.11	23.45	9.31	7.95	39.7	2.738	98.4	3.7	0.9
492	1/31/2016 18:46:07	10.97	36.87	23.28	9.53	7.95	55.1	2.696	100.1	3.9	0.9
493	1/31/2016 19:01:06	11.12	36.95	23.34	9.38	7.95	53.7	2.659	98.9	4.4	1.0
494	1/31/2016 19:16:06	11.14	37.00	23.38	9.36	7.95	56.8	2.617	98.7	3.8	0.9
495	1/31/2016 19:31:06	10.95	36.77	23.21	9.53	7.95	68.7	2.569	100.0	4.9	1.2
496	1/31/2016 19:46:06	10.81	36.74	23.19	9.58	7.95	73.7	2.513	100.2	4.8	1.1
497	1/31/2016 20:01:06	10.88	36.68	23.14	9.55	7.95	78.5	2.460	100.0	4.6	1.1
498	1/31/2016 20:16:06	10.77	36.77	23.20	9.59	7.95	79.9	2.401	100.2	4.2	1.0
499	1/31/2016 20:31:06	10.42	36.81	23.22	9.77	7.96	87.4	2.351	101.3	5.1	1.2
500	1/31/2016 20:46:05	10.69	36.76	23.20	9.60	7.95	72.2	2.302	100.2	4.6	1.1
501	1/31/2016 21:01:06	10.62	36.67	23.13	9.65	7.95	70.5	2.256	100.5	4.8	1.1
502	1/31/2016 21:16:06	10.82	36.64	23.12	9.54	7.94	60.1	2.212	99.8	4.5	1.1
503	1/31/2016 21:31:06	10.74	36.49	23.01	9.55	7.94	63.1	2.181	99.6	4.7	1.1
504	1/31/2016 21:46:06	10.82	36.48	23.00	9.50	7.93	60.7	2.166	99.3	4.5	1.1
505	1/31/2016 22:01:06	10.67	36.49	23.01	9.53	7.94	56.3	2.128	99.3	4.1	1.0
506	1/31/2016 22:16:06	10.71	36.69	23.15	9.46	7.93	47.4	2.130	98.7	4.3	1.0
507	1/31/2016 22:31:06	11.12	36.35	22.93	9.39	7.93	45.5	2.131	98.7	3.7	0.9
508	1/31/2016 22:46:06	10.81	36.25	22.85	9.49	7.92	56.0	2.109	99.0	4.6	1.1
509	1/31/2016 23:01:06	10.83	36.15	22.78	9.48	7.92	45.8	2.125	98.9	4.0	1.0
510	1/31/2016 23:16:06	10.89	36.16	22.78	9.49	7.92	39.5	2.150	99.2	3.6	0.9
511	1/31/2016 23:31:07	10.89	36.20	22.81	9.48	7.92	37.0	2.180	99.1	4.0	0.9
512	1/31/2016 23:46:06	11.00	36.36	22.93	9.43	7.92	37.5	2.197	98.9	4.0	0.9
513	2/1/2016 00:01:06	11.07	36.43	22.98	9.42	7.93	37.1	2.234	99.0	3.6	0.9
514	2/1/2016 00:16:06	11.07	36.48	23.01	9.42	7.92	37.6	2.284	98.9	4.0	0.9
515	2/1/2016 00:31:06	11.12	36.51	23.04	9.40	7.92	37.4	2.318	98.9	3.6	0.8
516	2/1/2016 00:46:06	11.21	36.68	23.16	9.36	7.92	36.3	2.362	98.7	4.3	1.0
517	2/1/2016 01:01:06	11.25	37.10	23.45	9.33	7.93	36.6	2.425	98.7	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
518	2/1/2016 01:16:06	11.36	38.09	24.15	9.28	7.96	25.7	2.484	98.8	3.1	0.7
519	2/1/2016 01:31:06	11.40	38.43	24.38	9.27	7.97	28.0	2.535	99.0	3.1	0.7
520	2/1/2016 01:46:07	11.49	39.48	25.12	9.25	8.00	22.2	2.592	99.4	3.4	0.8
521	2/1/2016 02:01:07	11.50	39.74	25.31	9.26	8.00	19.5	2.658	99.7	2.9	0.7
522	2/1/2016 02:16:06	11.51	39.98	25.47	9.25	8.01	19.9	2.727	99.7	2.4	0.6
523	2/1/2016 02:31:07	11.56	40.39	25.76	9.23	8.01	20.6	2.774	99.7	3.1	0.7
524	2/1/2016 02:46:06	11.55	40.28	25.68	9.23	8.02	20.2	2.847	99.7	2.4	0.6
525	2/1/2016 03:01:06	11.51	40.23	25.65	9.23	8.01	18.0	2.907	99.6	2.5	0.6
526	2/1/2016 03:16:06	11.56	40.62	25.93	9.21	8.02	21.1	2.974	99.6	2.7	0.6
527	2/1/2016 03:31:06	11.48	40.25	25.66	9.26	8.02	24.1	3.021	99.8	2.7	0.6
528	2/1/2016 03:46:06	11.53	40.63	25.93	9.25	8.03	21.2	3.089	99.9	2.5	0.6
529	2/1/2016 04:01:06	11.52	40.83	26.07	9.24	8.03	19.4	3.164	100.0	2.0	0.5
530	2/1/2016 04:16:07	11.56	41.10	26.26	9.25	8.04	20.4	3.212	100.2	3.0	0.7
531	2/1/2016 04:31:07	11.62	41.56	26.59	9.21	8.05	17.9	3.249	100.2	2.9	0.7
532	2/1/2016 04:46:06	11.61	41.51	26.56	9.23	8.05	15.3	3.307	100.4	2.7	0.6
533	2/1/2016 05:01:06	11.42	40.47	25.81	9.30	8.05	12.5	3.333	100.2	2.2	0.5
534	2/1/2016 05:16:06	11.44	40.64	25.93	9.29	8.04	11.6	3.349	100.2	2.5	0.6
535	2/1/2016 05:31:07	11.55	41.10	26.26	9.14	8.04	9.7	3.352	99.1	2.2	0.5
536	2/1/2016 05:46:07	11.58	41.17	26.31	9.10	8.04	12.1	3.353	98.8	2.0	0.5
537	2/1/2016 06:01:07	11.56	41.14	26.29	9.12	8.03	11.2	3.350	98.9	2.5	0.6
538	2/1/2016 06:16:06	11.57	41.14	26.29	9.12	8.03	12.9	3.320	98.9	2.7	0.6
539	2/1/2016 06:31:07	11.62	41.54	26.58	9.07	8.04	15.2	3.270	98.7	2.0	0.5
540	2/1/2016 06:46:06	11.02	39.54	25.14	9.31	8.02	16.2	3.233	99.1	3.3	0.8
541	2/1/2016 07:01:06	11.12	39.11	24.85	9.25	8.01	21.7	3.172	98.4	3.1	0.7
542	2/1/2016 07:16:06	11.09	39.54	25.14	9.25	8.01	24.3	3.109	98.6	3.1	0.7
543	2/1/2016 07:31:06	11.24	39.89	25.40	9.25	8.02	28.9	3.037	99.1	2.7	0.6
544	2/1/2016 07:46:06	11.12	39.34	25.01	9.26	8.00	28.7	2.970	98.7	2.9	0.7
545	2/1/2016 08:01:06	10.87	38.68	24.54	9.31	7.99	24.4	2.911	98.4	3.2	0.8
546	2/1/2016 08:16:06	11.03	39.06	24.81	9.28	8.00	26.3	2.830	98.6	2.9	0.7
547	2/1/2016 08:31:06	11.10	39.16	24.88	9.27	8.00	28.0	2.768	98.7	2.8	0.7
548	2/1/2016 08:46:06	10.93	38.79	24.62	9.31	7.99	26.3	2.692	98.5	3.1	0.7
549	2/1/2016 09:01:06	10.93	38.75	24.59	9.29	7.99	25.5	2.622	98.3	2.6	0.6
550	2/1/2016 09:16:06	10.86	38.50	24.41	9.29	7.99	22.6	2.549	98.1	2.7	0.7
551	2/1/2016 09:31:06	10.74	37.88	23.98	9.34	7.97	19.7	2.466	98.1	2.8	0.7
552	2/1/2016 09:46:06	10.70	37.67	23.82	9.37	7.96	19.0	2.396	98.1	2.7	0.6
553	2/1/2016 10:01:06	10.81	37.80	23.92	9.32	7.96	21.3	2.307	97.9	3.3	0.8
554	2/1/2016 10:16:06	10.66	37.34	23.59	9.39	7.96	19.5	2.252	98.2	3.2	0.8

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	2/1/2016 10:31:06	10.77	37.36	23.62	9.35	7.95	20.5	2.169	98.0	3.1	0.7
556	2/1/2016 10:46:06	10.77	37.16	23.47	9.39	7.95	20.2	2.087	98.3	3.3	0.8
557	2/1/2016 11:01:06	10.78	37.12	23.44	9.39	7.95	20.2	2.045	98.3	3.7	0.9
558	2/1/2016 11:16:06	10.75	36.83	23.24	9.39	7.94	20.9	1.995	98.1	2.9	0.7
559	2/1/2016 11:31:06	10.79	36.78	23.21	9.39	7.94	20.0	1.952	98.2	2.9	0.7
560	2/1/2016 11:46:06	10.82	36.65	23.12	9.43	7.94	18.6	1.932	98.6	3.3	0.8
561	2/1/2016 12:01:06	10.82	37.40	23.64	9.26	7.95	15.9	1.914	97.1	3.0	0.7
562	2/1/2016 12:16:06	10.87	36.71	23.16	9.43	7.94	19.6	1.907	98.8	3.2	0.8
563	2/1/2016 12:31:06	10.91	36.74	23.19	9.43	7.94	18.8	1.928	98.9	3.4	0.8
564	2/1/2016 12:46:06	10.88	36.91	23.31	9.39	7.94	17.6	1.930	98.4	3.0	0.7
565	2/1/2016 13:01:06	10.80	37.09	23.43	9.35	7.94	16.5	1.948	98.0	2.9	0.7
566	2/1/2016 13:16:06	10.80	37.08	23.42	9.33	7.94	17.3	1.997	97.7	3.3	0.8
567	2/1/2016 13:31:06	10.89	37.68	23.84	9.24	7.95	16.7	2.002	97.2	2.9	0.7
568	2/1/2016 13:46:07	10.93	37.82	23.94	9.22	7.95	16.1	2.031	97.1	2.7	0.6
569	2/1/2016 14:01:06	10.94	37.87	23.97	9.20	7.95	16.4	2.082	97.0	2.3	0.5
570	2/1/2016 14:16:07	10.91	37.60	23.79	9.25	7.94	15.0	2.116	97.3	2.6	0.6
571	2/1/2016 14:31:07	10.91	37.73	23.87	9.22	7.94	15.0	2.147	97.1	2.8	0.7
572	2/1/2016 14:46:06	10.91	37.71	23.86	9.22	7.94	14.2	2.200	97.0	3.1	0.7
573	2/1/2016 15:01:06	10.90	37.64	23.81	9.22	7.94	13.6	2.253	97.0	2.8	0.7
574	2/1/2016 15:16:07	10.92	37.90	23.99	9.22	7.95	13.2	2.286	97.1	2.9	0.7
575	2/1/2016 15:31:06	10.92	38.04	24.09	9.21	7.96	13.0	2.335	97.1	2.9	0.7
576	2/1/2016 15:46:06	10.89	37.95	24.03	9.24	7.96	12.8	2.369	97.4	2.9	0.7
577	2/1/2016 16:01:07	10.88	37.93	24.02	9.25	7.96	11.8	2.420	97.4	2.2	0.5
578	2/1/2016 16:16:07	10.91	38.23	24.22	9.23	7.96	11.4	2.476	97.4	2.9	0.7
579	2/1/2016 16:31:07	10.90	38.33	24.29	9.25	7.97	11.5	2.505	97.6	2.9	0.7
580	2/1/2016 16:46:06	10.97	39.01	24.77	9.22	7.98	11.1	2.555	97.8	2.4	0.6
581	2/1/2016 17:01:06	11.00	39.10	24.83	9.22	7.99	10.9	2.601	97.8	2.4	0.6
582	2/1/2016 17:16:06	11.03	39.22	24.92	9.21	7.99	10.9	2.624	97.9	2.6	0.6
583	2/1/2016 17:31:06	11.04	39.44	25.07	9.20	7.99	11.6	2.668	97.9	2.4	0.6
584	2/1/2016 17:46:06	11.04	39.40	25.05	9.18	7.99	11.8	2.681	97.7	2.4	0.6
585	2/1/2016 18:01:06	11.08	39.60	25.19	9.10	7.99	10.0	2.708	97.0	2.8	0.7
586	2/1/2016 18:16:06	11.05	39.44	25.08	9.04	7.98	9.1	2.716	96.2	2.5	0.6
587	2/1/2016 18:31:06	11.00	39.04	24.79	9.12	7.98	10.6	2.732	96.8	2.2	0.5
588	2/1/2016 18:46:06	11.02	39.17	24.89	9.12	7.98	10.3	2.738	96.9	2.5	0.6
589	2/1/2016 19:01:06	11.03	39.28	24.96	9.10	7.98	10.1	2.730	96.7	3.4	0.8
590	2/1/2016 19:16:06	11.05	39.38	25.04	9.10	7.99	10.3	2.713	96.8	2.6	0.6
591	2/1/2016 19:31:06	10.98	39.07	24.82	9.15	7.98	9.9	2.686	97.1	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	2/1/2016 19:46:06	10.99	39.16	24.88	9.12	7.98	11.4	2.662	96.8	3.3	0.8
593	2/1/2016 20:01:06	11.00	39.14	24.86	9.10	7.98	11.7	2.632	96.6	2.8	0.7
594	2/1/2016 20:16:06	10.93	38.72	24.57	9.19	7.97	12.2	2.599	97.2	3.0	0.7
595	2/1/2016 20:31:06	10.97	38.87	24.67	9.11	7.97	13.1	2.556	96.5	2.8	0.7
596	2/1/2016 20:46:06	10.97	38.77	24.60	9.07	7.97	12.7	2.525	96.1	2.9	0.7
597	2/1/2016 21:01:07	10.94	38.35	24.31	9.11	7.96	14.9	2.476	96.2	2.7	0.7
598	2/1/2016 21:16:06	10.92	38.17	24.19	9.14	7.96	13.8	2.418	96.4	2.7	0.6
599	2/1/2016 21:31:06	10.92	38.12	24.15	9.11	7.95	13.8	2.384	96.1	2.8	0.7
600	2/1/2016 21:46:06	10.91	38.04	24.09	9.09	7.95	13.3	2.351	95.8	2.4	0.6
601	2/1/2016 22:01:06	10.84	37.95	24.03	9.08	7.95	12.5	2.306	95.5	2.3	0.6
602	2/1/2016 22:16:06	10.86	37.79	23.92	9.06	7.94	13.3	2.278	95.3	2.8	0.7
603	2/1/2016 22:31:06	10.77	37.63	23.80	9.09	7.94	12.7	2.250	95.3	3.0	0.7
604	2/1/2016 22:46:06	10.70	37.36	23.61	9.15	7.93	11.7	2.236	95.7	2.1	0.5
605	2/1/2016 23:01:06	10.62	37.18	23.48	9.18	7.93	11.2	2.217	95.8	2.8	0.7
606	2/1/2016 23:16:06	10.63	37.14	23.45	9.15	7.93	10.0	2.203	95.5	2.6	0.6
607	2/1/2016 23:31:06	10.67	37.18	23.49	9.20	7.93	14.1	2.219	96.1	3.7	0.9
608	2/1/2016 23:46:06	10.70	37.28	23.56	9.21	7.93	12.3	2.224	96.4	3.5	0.8
609	2/2/2016 00:01:06	10.67	37.27	23.55	9.22	7.93	11.8	2.224	96.3	3.0	0.7
610	2/2/2016 00:16:06	10.71	37.31	23.57	9.20	7.93	12.2	2.249	96.2	3.3	0.8
611	2/2/2016 00:31:06	10.72	37.33	23.59	9.21	7.94	11.4	2.275	96.4	2.8	0.7
612	2/2/2016 00:46:06	10.91	38.33	24.29	9.14	7.96	11.9	2.315	96.4	3.0	0.7
613	2/2/2016 01:01:06	10.98	38.78	24.61	9.09	7.97	10.8	2.345	96.3	3.1	0.7
614	2/2/2016 01:16:06	11.00	38.90	24.70	9.09	7.96	11.0	2.397	96.3	3.1	0.7
615	2/2/2016 01:31:06	11.02	39.06	24.81	9.11	7.97	11.1	2.430	96.7	3.0	0.7
616	2/2/2016 01:46:06	11.08	39.47	25.10	9.10	7.98	10.9	2.479	96.9	2.6	0.6
617	2/2/2016 02:01:06	11.06	39.40	25.05	9.14	7.98	17.2	2.537	97.2	2.4	0.6
618	2/2/2016 02:16:07	11.14	40.01	25.48	9.13	8.00	11.4	2.578	97.6	2.8	0.7
619	2/2/2016 02:31:07	11.19	40.68	25.96	9.12	8.01	11.5	2.628	97.9	2.4	0.6
620	2/2/2016 02:46:06	11.18	40.83	26.06	9.13	8.01	9.8	2.696	98.0	2.2	0.5
621	2/2/2016 03:01:06	11.24	41.72	26.69	9.09	8.02	11.5	2.739	98.2	2.3	0.5
622	2/2/2016 03:16:06	11.36	43.01	27.61	9.02	8.04	12.0	2.798	98.2	2.2	0.5
623	2/2/2016 03:31:07	11.32	42.81	27.46	9.04	8.03	11.4	2.864	98.2	2.5	0.6
624	2/2/2016 03:46:06	11.34	42.93	27.55	9.06	8.03	13.3	2.928	98.5	2.2	0.5
625	2/2/2016 04:01:07	11.40	43.57	28.00	9.01	8.04	12.5	2.991	98.4	2.5	0.6
626	2/2/2016 04:16:06	11.35	43.17	27.72	9.03	8.04	13.0	3.050	98.4	2.4	0.6
627	2/2/2016 04:31:06	11.42	44.00	28.31	8.97	8.05	13.1	3.115	98.2	2.1	0.5
628	2/2/2016 04:46:06	11.28	43.25	27.77	9.07	8.04	11.3	3.192	98.7	1.7	0.4

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	2/2/2016 05:01:06	11.31	43.77	28.14	9.02	8.05	12.2	3.238	98.5	2.0	0.5
630	2/2/2016 05:16:06	11.41	44.63	28.76	8.94	8.05	11.9	3.285	98.1	1.6	0.4
631	2/2/2016 05:31:06	11.36	44.48	28.65	8.99	8.05	12.3	3.335	98.5	1.4	0.3
632	2/2/2016 05:46:06	11.39	45.10	29.09	8.96	8.05	11.6	3.378	98.5	2.0	0.5
633	2/2/2016 06:01:06	11.37	44.15	28.42	8.91	8.04	9.9	3.393	97.6	2.2	0.5
634	2/2/2016 06:16:06	11.21	43.31	27.81	8.95	8.04	8.8	3.406	97.3	1.8	0.4
635	2/2/2016 06:31:06	11.46	44.86	28.93	8.74	8.04	12.6	3.401	96.2	1.3	0.3
636	2/2/2016 06:46:06	11.40	44.23	28.48	8.82	8.04	10.4	3.402	96.7	1.8	0.4
637	2/2/2016 07:01:07	11.39	44.25	28.49	8.86	8.04	11.2	3.377	97.1	2.1	0.5
638	2/2/2016 07:16:06	11.41	44.57	28.72	8.76	8.04	16.1	3.312	96.1	1.9	0.4
639	2/2/2016 07:31:06	10.53	40.35	25.69	9.20	8.02	13.3	3.284	97.2	2.9	0.7
640	2/2/2016 07:46:07	10.82	41.18	26.29	9.15	8.03	12.9	3.233	97.7	2.1	0.5
641	2/2/2016 08:01:06	10.46	39.74	25.26	9.27	8.00	12.4	3.164	97.5	2.1	0.5
642	2/2/2016 08:16:06	10.51	39.83	25.33	9.26	8.00	14.2	3.091	97.5	2.6	0.6
643	2/2/2016 08:31:06	10.77	40.59	25.87	9.19	8.01	12.5	3.026	97.7	2.3	0.5
644	2/2/2016 08:46:06	10.64	40.29	25.65	9.23	8.01	13.3	2.965	97.7	2.4	0.6
645	2/2/2016 09:01:06	10.80	40.74	25.98	9.16	8.01	13.6	2.875	97.5	2.0	0.5
646	2/2/2016 09:16:07	10.75	40.53	25.83	9.17	8.00	14.1	2.800	97.4	2.5	0.6
647	2/2/2016 09:31:06	10.82	40.82	26.04	9.16	8.01	19.5	2.735	97.6	2.7	0.6
648	2/2/2016 09:46:07	10.79	40.52	25.82	9.16	8.00	16.9	2.664	97.4	2.3	0.6
649	2/2/2016 10:01:07	10.78	40.38	25.72	9.15	7.99	19.4	2.573	97.2	1.9	0.5
650	2/2/2016 10:16:06	10.60	39.31	24.97	9.27	7.98	14.2	2.490	97.6	2.6	0.6
651	2/2/2016 10:31:06	10.66	39.39	25.02	9.27	7.98	13.3	2.416	97.7	2.7	0.6
652	2/2/2016 10:46:06	10.66	38.77	24.59	9.31	7.97	10.2	2.326	97.9	2.7	0.6
653	2/2/2016 11:01:06	10.73	38.78	24.60	9.31	7.97	10.8	2.232	98.1	3.0	0.7
654	2/2/2016 11:16:07	10.75	38.61	24.48	9.32	7.96	10.3	2.145	98.1	2.7	0.6
655	2/2/2016 11:31:06	10.84	39.31	24.98	9.21	7.97	14.7	2.060	97.5	2.5	0.6
656	2/2/2016 11:46:06	10.85	38.54	24.44	9.29	7.96	11.2	1.992	98.0	2.3	0.6
657	2/2/2016 12:01:06	10.87	38.22	24.22	9.33	7.96	10.8	1.913	98.4	2.8	0.7
658	2/2/2016 12:16:06	10.95	38.33	24.30	9.31	7.96	11.9	1.862	98.4	2.1	0.5
659	2/2/2016 12:31:06	10.85	37.93	24.01	9.35	7.95	10.8	1.827	98.4	2.5	0.6
660	2/2/2016 12:46:06	10.90	38.26	24.24	9.25	7.96	11.1	1.800	97.6	2.7	0.6
661	2/2/2016 13:01:06	11.26	38.13	24.17	9.54	7.97	9.4	1.776	101.4	3.3	0.8
662	2/2/2016 13:16:07	11.07	38.11	24.14	9.44	7.96	10.0	1.783	100.0	2.4	0.6
663	2/2/2016 13:31:06	11.10	37.91	24.01	9.44	7.96	9.2	1.800	99.9	2.4	0.6
664	2/2/2016 13:46:06	11.04	38.00	24.07	9.41	7.95	10.1	1.797	99.5	3.1	0.7
665	2/2/2016 14:01:06	10.83	38.39	24.33	9.33	7.95	9.7	1.833	98.4	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
666	2/2/2016 14:16:07	10.85	38.26	24.24	9.33	7.95	9.0	1.868	98.3	2.9	0.7
667	2/2/2016 14:31:07	10.83	38.83	24.64	9.20	7.96	9.7	1.888	97.1	2.7	0.6
668	2/2/2016 14:46:07	10.82	39.14	24.86	9.13	7.96	9.7	1.932	96.6	2.4	0.6
669	2/2/2016 15:01:06	10.80	39.10	24.82	9.13	7.96	9.7	1.968	96.5	2.0	0.5
670	2/2/2016 15:16:06	10.79	39.10	24.83	9.10	7.95	9.5	2.011	96.2	1.9	0.4
671	2/2/2016 15:31:07	10.78	38.93	24.71	9.14	7.95	9.5	2.054	96.5	2.3	0.6
672	2/2/2016 15:46:07	10.74	38.69	24.54	9.18	7.95	9.0	2.090	96.7	2.1	0.5
673	2/2/2016 16:01:06	10.73	38.70	24.54	9.18	7.95	9.4	2.161	96.6	2.3	0.6
674	2/2/2016 16:16:07	10.73	38.99	24.75	9.14	7.95	9.4	2.199	96.4	2.7	0.6
675	2/2/2016 16:31:06	10.73	39.17	24.87	9.13	7.96	9.0	2.253	96.3	2.1	0.5
676	2/2/2016 16:46:06	10.73	39.26	24.94	9.14	7.96	9.4	2.312	96.4	2.0	0.5
677	2/2/2016 17:01:06	10.70	39.08	24.81	9.19	7.96	9.7	2.365	96.9	2.2	0.5
678	2/2/2016 17:16:06	10.73	39.70	25.25	9.15	7.97	9.7	2.408	96.8	2.4	0.6
679	2/2/2016 17:31:06	10.75	39.73	25.27	9.16	7.97	9.2	2.469	96.9	2.7	0.6
680	2/2/2016 17:46:06	10.77	40.19	25.59	9.14	7.98	9.1	2.516	96.9	2.6	0.6
681	2/2/2016 18:01:06	10.78	40.27	25.65	9.14	7.98	10.4	2.560	97.0	2.3	0.5
682	2/2/2016 18:16:06	10.78	40.48	25.80	9.14	7.98	10.5	2.609	97.1	2.3	0.5
683	2/2/2016 18:31:06	10.83	40.93	26.11	9.10	7.99	10.1	2.640	97.0	2.0	0.5
684	2/2/2016 18:46:06	10.80	40.34	25.70	9.14	7.99	10.1	2.675	97.1	2.3	0.5
685	2/2/2016 19:01:07	10.79	40.29	25.66	9.17	7.98	8.6	2.712	97.4	2.7	0.6
686	2/2/2016 19:16:06	10.76	39.88	25.37	9.22	7.98	7.6	2.732	97.7	2.6	0.6
687	2/2/2016 19:31:07	10.78	40.17	25.58	9.16	7.98	8.7	2.746	97.2	1.9	0.5
688	2/2/2016 19:46:06	10.78	40.16	25.57	9.00	7.97	7.2	2.773	95.5	2.5	0.6
689	2/2/2016 20:01:06	10.81	40.47	25.79	8.95	7.98	8.4	2.767	95.2	2.5	0.6
690	2/2/2016 20:16:07	10.83	40.76	25.99	8.97	7.98	8.3	2.756	95.6	2.1	0.5
691	2/2/2016 20:31:06	10.85	41.10	26.24	8.94	7.99	8.9	2.756	95.4	2.2	0.5
692	2/2/2016 20:46:06	10.83	40.94	26.12	8.99	7.98	8.8	2.729	95.9	2.5	0.6
693	2/2/2016 21:01:06	10.83	40.81	26.03	9.00	7.98	8.6	2.706	95.9	2.7	0.6
694	2/2/2016 21:16:06	10.77	40.02	25.47	9.13	7.98	7.6	2.679	96.8	2.9	0.7
695	2/2/2016 21:31:06	10.78	40.15	25.56	9.08	7.98	8.6	2.644	96.4	2.3	0.5
696	2/2/2016 21:46:06	10.75	39.55	25.14	9.16	7.97	8.5	2.607	96.9	2.1	0.5
697	2/2/2016 22:01:07	10.77	39.90	25.38	9.07	7.97	9.8	2.561	96.1	2.5	0.6
698	2/2/2016 22:16:06	10.75	39.57	25.15	9.09	7.96	10.3	2.530	96.2	2.9	0.7
699	2/2/2016 22:31:06	10.73	39.50	25.10	9.09	7.96	9.6	2.487	96.1	2.4	0.6
700	2/2/2016 22:46:07	10.73	39.35	25.00	9.12	7.96	9.4	2.453	96.3	2.5	0.6
701	2/2/2016 23:01:06	10.65	38.95	24.72	9.13	7.96	9.1	2.416	96.1	2.7	0.6
702	2/2/2016 23:16:07	10.68	38.95	24.72	9.11	7.95	8.7	2.393	96.0	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
703	2/2/2016 23:31:06	10.69	38.73	24.57	9.11	7.95	8.5	2.376	95.9	3.2	0.8
704	2/2/2016 23:46:06	10.74	39.06	24.80	9.01	7.95	7.1	2.334	95.1	2.4	0.6
705	2/3/2016 00:01:06	10.68	38.68	24.53	9.10	7.95	7.5	2.335	95.7	2.7	0.6
706	2/3/2016 00:16:06	10.70	38.82	24.63	8.99	7.95	7.2	2.338	94.6	2.8	0.7
707	2/3/2016 00:31:06	10.59	38.52	24.41	9.23	7.95	8.4	2.322	96.8	2.8	0.7
708	2/3/2016 00:46:07	10.63	38.82	24.62	9.18	7.95	8.4	2.334	96.5	2.8	0.7
709	2/3/2016 01:01:06	10.63	38.60	24.47	9.20	7.95	8.4	2.349	96.6	2.7	0.6
710	2/3/2016 01:16:06	10.65	38.65	24.51	9.17	7.95	7.7	2.369	96.4	2.9	0.7
711	2/3/2016 01:31:06	10.70	38.98	24.74	9.13	7.95	9.0	2.398	96.2	2.4	0.6
712	2/3/2016 01:46:06	10.70	39.03	24.78	9.13	7.96	8.0	2.421	96.2	2.4	0.6
713	2/3/2016 02:01:06	10.78	39.89	25.38	9.04	7.96	8.1	2.451	95.8	2.4	0.6
714	2/3/2016 02:16:06	10.80	40.30	25.67	9.05	7.97	9.2	2.493	96.1	2.8	0.7
715	2/3/2016 02:31:06	10.82	40.50	25.81	9.04	7.97	9.5	2.532	96.2	2.4	0.6
716	2/3/2016 02:46:06	10.83	40.55	25.85	9.04	7.98	8.0	2.577	96.2	2.4	0.6
717	2/3/2016 03:01:06	10.89	41.16	26.28	9.01	7.98	8.7	2.618	96.3	2.1	0.5
718	2/3/2016 03:16:07	10.89	41.25	26.34	9.04	7.99	10.5	2.682	96.6	2.5	0.6
719	2/3/2016 03:31:07	10.96	41.91	26.81	9.00	8.00	10.6	2.729	96.6	2.5	0.6
720	2/3/2016 03:46:06	11.02	42.41	27.16	8.98	8.00	9.5	2.797	96.8	1.8	0.4
721	2/3/2016 04:01:06	11.02	42.50	27.23	8.99	8.01	8.9	2.863	96.9	2.5	0.6
722	2/3/2016 04:16:07	11.12	43.59	28.01	8.93	8.02	11.2	2.908	96.9	1.8	0.4
723	2/3/2016 04:31:06	11.13	43.79	28.15	8.94	8.02	9.5	2.985	97.1	2.0	0.5
724	2/3/2016 04:46:06	11.15	43.83	28.18	8.94	8.02	10.8	3.048	97.2	2.5	0.6
725	2/3/2016 05:01:06	11.20	44.45	28.63	8.90	8.03	10.6	3.118	97.2	1.8	0.4
726	2/3/2016 05:16:07	11.20	44.35	28.55	8.91	8.03	10.4	3.180	97.3	1.3	0.3
727	2/3/2016 05:31:06	11.22	44.42	28.60	8.93	8.03	10.3	3.240	97.6	1.9	0.5
728	2/3/2016 05:46:07	11.18	44.24	28.48	8.97	8.04	9.0	3.311	97.8	2.0	0.5
729	2/3/2016 06:01:06	11.23	44.69	28.80	8.94	8.04	9.8	3.361	97.8	1.6	0.4
730	2/3/2016 06:16:07	11.29	45.24	29.19	8.91	8.05	9.7	3.401	97.8	2.3	0.5
731	2/3/2016 06:31:07	11.25	44.92	28.96	8.95	8.04	9.3	3.442	98.1	1.9	0.5
732	2/3/2016 06:46:06	11.24	44.80	28.88	8.96	8.04	9.0	3.490	98.0	1.5	0.4
733	2/3/2016 07:01:07	11.11	43.89	28.22	8.85	8.03	7.5	3.499	96.2	1.6	0.4
734	2/3/2016 07:16:07	11.29	45.24	29.19	8.72	8.04	9.4	3.490	95.7	1.8	0.4
735	2/3/2016 07:31:07	11.31	45.45	29.34	8.77	8.04	9.5	3.507	96.5	1.7	0.4
736	2/3/2016 07:46:07	11.31	45.40	29.31	8.74	8.04	9.2	3.492	96.1	1.4	0.3
737	2/3/2016 08:01:07	11.24	44.94	28.97	8.81	8.04	9.3	3.451	96.4	2.4	0.6
738	2/3/2016 08:16:06	10.99	42.64	27.33	8.99	8.02	12.3	3.420	96.9	1.9	0.5
739	2/3/2016 08:31:06	11.00	42.96	27.55	8.97	8.02	10.8	3.355	96.9	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
740	2/3/2016 08:46:06	10.93	42.32	27.10	8.97	8.01	12.3	3.314	96.4	2.0	0.5
741	2/3/2016 09:01:07	10.97	42.35	27.12	8.95	8.01	12.1	3.239	96.3	2.5	0.6
742	2/3/2016 09:16:06	10.97	42.52	27.24	8.95	8.00	12.6	3.148	96.4	2.1	0.5
743	2/3/2016 09:31:06	10.93	42.22	27.03	8.97	8.00	14.6	3.087	96.4	2.4	0.6
744	2/3/2016 09:46:07	10.74	41.00	26.16	9.09	7.99	12.3	3.015	96.7	2.1	0.5
745	2/3/2016 10:01:07	10.68	40.42	25.75	9.19	7.98	14.6	2.933	97.4	2.2	0.5
746	2/3/2016 10:16:06	10.68	40.34	25.70	9.21	7.97	12.6	2.843	97.6	2.7	0.6
747	2/3/2016 10:31:06	10.70	40.32	25.68	9.25	7.97	17.2	2.749	98.1	2.5	0.6
748	2/3/2016 10:46:06	10.71	40.07	25.51	9.26	7.97	16.8	2.682	98.1	2.6	0.6
749	2/3/2016 11:01:06	10.72	40.01	25.46	9.31	7.97	19.7	2.578	98.6	2.3	0.6
750	2/3/2016 11:16:06	10.71	39.90	25.38	9.28	7.96	21.9	2.491	98.2	2.7	0.6
751	2/3/2016 11:31:07	10.72	39.78	25.30	9.30	7.96	21.7	2.388	98.4	2.8	0.7
752	2/3/2016 11:46:06	10.75	39.93	25.41	9.40	7.97	30.2	2.292	99.6	2.8	0.7
753	2/3/2016 12:01:06	10.76	39.94	25.42	9.38	7.97	27.7	2.191	99.3	3.3	0.8
754	2/3/2016 12:16:06	10.74	39.77	25.29	9.41	7.96	34.1	2.083	99.6	3.0	0.7
755	2/3/2016 12:31:06	10.72	39.66	25.21	9.42	7.96	30.1	1.998	99.6	3.0	0.7
756	2/3/2016 12:46:06	10.71	39.53	25.13	9.45	7.96	32.0	1.908	99.9	3.4	0.8
757	2/3/2016 13:01:07	10.69	39.35	25.00	9.43	7.96	28.8	1.843	99.5	3.3	0.8
758	2/3/2016 13:16:06	10.68	39.08	24.81	9.43	7.95	24.7	1.789	99.4	2.9	0.7
759	2/3/2016 13:31:06	10.67	39.03	24.77	9.43	7.95	26.9	1.721	99.3	3.3	0.8
760	2/3/2016 13:46:06	10.65	38.69	24.53	9.45	7.95	22.5	1.700	99.3	3.3	0.8
761	2/3/2016 14:01:06	10.64	38.74	24.57	9.41	7.95	19.1	1.680	98.9	3.2	0.8
762	2/3/2016 14:16:06	10.64	38.75	24.58	9.46	7.95	21.6	1.651	99.5	3.2	0.8
763	2/3/2016 14:31:06	10.64	38.78	24.60	9.48	7.95	18.3	1.664	99.7	2.5	0.6
764	2/3/2016 14:46:07	10.65	38.90	24.68	9.46	7.95	18.8	1.688	99.6	2.8	0.7
765	2/3/2016 15:01:06	10.70	39.32	24.98	9.34	7.95	17.0	1.723	98.6	2.5	0.6
766	2/3/2016 15:16:06	10.69	39.18	24.88	9.34	7.95	15.4	1.770	98.5	3.3	0.8
767	2/3/2016 15:31:07	10.67	38.95	24.72	9.35	7.94	15.9	1.831	98.5	2.9	0.7
768	2/3/2016 15:46:06	10.68	38.76	24.59	9.31	7.94	15.0	1.892	98.0	3.1	0.7
769	2/3/2016 16:01:07	10.71	39.15	24.86	9.24	7.94	14.3	1.948	97.4	2.6	0.6
770	2/3/2016 16:16:07	10.72	39.22	24.91	9.22	7.94	12.7	2.010	97.3	2.3	0.5
771	2/3/2016 16:31:06	10.74	39.54	25.13	9.20	7.94	13.3	2.060	97.2	2.0	0.5
772	2/3/2016 16:46:07	10.74	39.61	25.18	9.17	7.95	11.7	2.130	97.0	2.1	0.5
773	2/3/2016 17:01:06	10.75	39.83	25.34	9.14	7.95	11.7	2.196	96.8	2.5	0.6
774	2/3/2016 17:16:07	10.76	40.13	25.55	9.12	7.95	13.7	2.235	96.7	2.6	0.6
775	2/3/2016 17:31:07	10.76	40.07	25.50	9.14	7.95	11.2	2.314	96.9	2.9	0.7
776	2/3/2016 17:46:06	10.76	40.22	25.61	9.17	7.96	11.9	2.385	97.3	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
777	2/3/2016 18:01:07	10.76	40.26	25.64	9.16	7.96	11.4	2.438	97.2	2.5	0.6
778	2/3/2016 18:16:07	10.74	40.42	25.75	9.19	7.97	11.3	2.531	97.5	2.8	0.7
779	2/3/2016 18:31:07	10.73	40.52	25.82	9.22	7.97	10.8	2.569	97.9	2.6	0.6
780	2/3/2016 18:46:07	10.75	40.72	25.96	9.21	7.97	10.4	2.631	97.9	2.4	0.6
781	2/3/2016 19:01:07	10.76	40.77	26.00	9.21	7.98	9.9	2.693	98.0	1.9	0.5
782	2/3/2016 19:16:06	10.76	40.85	26.06	9.20	7.98	9.5	2.734	97.9	2.0	0.5
783	2/3/2016 19:31:06	10.79	41.13	26.25	9.14	7.98	9.4	2.805	97.5	2.5	0.6
784	2/3/2016 19:46:06	10.84	41.60	26.59	9.08	7.98	9.8	2.836	97.1	2.7	0.6
785	2/3/2016 20:01:06	10.85	41.68	26.64	9.07	7.99	9.6	2.875	97.1	1.9	0.4
786	2/3/2016 20:16:06	10.86	41.78	26.72	9.05	7.99	9.2	2.919	96.9	2.2	0.5
787	2/3/2016 20:31:06	10.88	42.11	26.95	9.02	7.99	9.5	2.930	96.8	2.2	0.5
788	2/3/2016 20:46:06	10.90	42.25	27.05	9.02	7.99	9.2	2.981	96.8	1.8	0.4
789	2/3/2016 21:01:06	10.90	42.25	27.04	8.93	7.99	8.9	3.005	95.9	1.9	0.5
790	2/3/2016 21:16:07	10.90	42.29	27.08	8.90	7.99	9.5	2.989	95.6	2.3	0.5
791	2/3/2016 21:31:06	10.89	42.21	27.02	8.94	7.99	8.3	2.978	96.0	2.1	0.5
792	2/3/2016 21:46:07	10.90	42.24	27.04	8.95	7.99	9.8	2.936	96.1	2.0	0.5
793	2/3/2016 22:01:07	10.86	41.90	26.80	8.98	7.99	10.3	2.882	96.2	2.3	0.5
794	2/3/2016 22:16:07	10.72	40.89	26.08	9.06	7.97	11.0	2.877	96.3	2.1	0.5
795	2/3/2016 22:31:07	10.77	41.14	26.26	9.02	7.98	10.8	2.849	96.1	2.3	0.5
796	2/3/2016 22:46:06	10.74	40.82	26.04	9.08	7.97	12.8	2.806	96.5	3.0	0.7
797	2/3/2016 23:01:06	10.73	40.70	25.94	9.07	7.97	14.3	2.717	96.4	2.4	0.6
798	2/3/2016 23:16:07	10.68	40.44	25.76	9.09	7.96	13.6	2.699	96.4	2.0	0.5
799	2/3/2016 23:31:07	10.65	40.31	25.67	9.09	7.96	12.0	2.603	96.3	2.3	0.5
800	2/3/2016 23:46:06	10.56	40.00	25.45	9.12	7.95	11.9	2.602	96.2	2.5	0.6
801	2/4/2016 00:01:07	10.53	39.95	25.41	9.15	7.95	10.4	2.549	96.4	2.5	0.6
802	2/4/2016 00:16:06	10.57	40.12	25.53	9.11	7.95	10.1	2.534	96.2	2.3	0.5
803	2/4/2016 00:31:06	10.49	39.81	25.31	9.13	7.95	9.7	2.509	96.1	2.8	0.7
804	2/4/2016 00:46:06	10.53	39.95	25.41	9.06	7.95	9.6	2.515	95.5	1.9	0.4
805	2/4/2016 01:01:06	10.54	40.01	25.45	9.03	7.95	8.1	2.467	95.3	3.0	0.7
806	2/4/2016 01:16:07	10.58	40.20	25.59	9.03	7.95	8.3	2.405	95.4	2.2	0.5
807	2/4/2016 01:31:07	10.55	40.15	25.56	9.09	7.95	9.0	2.445	96.0	2.8	0.7
808	2/4/2016 01:46:07	10.49	39.88	25.36	9.10	7.94	9.4	2.404	95.9	2.4	0.6
809	2/4/2016 02:01:06	10.59	40.20	25.59	9.12	7.95	8.8	2.463	96.4	2.2	0.5
810	2/4/2016 02:16:06	10.57	40.13	25.54	9.12	7.95	9.2	2.449	96.3	2.0	0.5
811	2/4/2016 02:31:06	10.54	39.98	25.44	9.14	7.95	8.3	2.472	96.4	2.4	0.6
812	2/4/2016 02:46:06	10.59	40.11	25.53	9.11	7.95	8.9	2.489	96.3	2.1	0.5
813	2/4/2016 03:01:06	10.69	40.57	25.85	9.06	7.96	8.9	2.495	96.1	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
814	2/4/2016 03:16:06	10.60	40.17	25.57	9.09	7.95	10.1	2.588	96.1	2.6	0.6
815	2/4/2016 03:31:06	10.69	40.69	25.94	9.03	7.95	12.3	2.624	95.9	2.0	0.5
816	2/4/2016 03:46:06	10.77	41.34	26.40	9.04	7.97	13.8	2.627	96.4	2.6	0.6
817	2/4/2016 04:01:06	10.80	41.45	26.48	9.03	7.97	11.7	2.738	96.4	2.0	0.5
818	2/4/2016 04:16:06	10.69	40.77	26.00	9.08	7.96	8.7	2.749	96.4	2.4	0.6
819	2/4/2016 04:31:06	10.74	41.10	26.23	9.06	7.97	8.9	2.801	96.5	2.5	0.6
820	2/4/2016 04:46:06	10.89	42.35	27.12	9.05	7.99	11.9	2.857	97.2	2.3	0.6
821	2/4/2016 05:01:06	10.96	43.16	27.70	9.06	8.00	13.1	2.925	97.9	2.0	0.5
822	2/4/2016 05:16:06	10.97	43.25	27.76	9.10	8.01	12.6	2.971	98.3	2.0	0.5
823	2/4/2016 05:31:07	10.97	43.32	27.81	9.12	8.01	11.6	3.092	98.5	2.0	0.5
824	2/4/2016 05:46:06	10.99	43.63	28.03	9.10	8.02	11.4	3.180	98.6	1.6	0.4
825	2/4/2016 06:01:06	10.93	43.40	27.86	9.10	8.01	12.1	3.156	98.4	1.9	0.5
826	2/4/2016 06:16:06	11.05	44.21	28.44	9.06	8.02	11.5	3.297	98.5	1.7	0.4
827	2/4/2016 06:31:07	11.02	44.07	28.34	9.08	8.02	9.8	3.357	98.6	1.8	0.4
828	2/4/2016 06:46:06	11.10	44.65	28.76	9.05	8.03	11.9	3.461	98.7	1.3	0.3
829	2/4/2016 07:01:06	11.17	45.21	29.16	9.05	8.04	11.5	3.442	99.1	2.1	0.5
830	2/4/2016 07:16:06	11.13	44.97	28.99	9.05	8.04	12.2	3.535	98.9	2.0	0.5
831	2/4/2016 07:31:06	11.18	45.43	29.32	9.08	8.04	11.2	3.555	99.5	1.4	0.3
832	2/4/2016 07:46:06	11.20	45.61	29.45	9.07	8.04	11.2	3.534	99.6	1.5	0.4
833	2/4/2016 08:01:06	11.12	45.01	29.02	8.98	8.03	9.4	3.572	98.1	1.7	0.4
834	2/4/2016 08:16:06	11.18	45.32	29.24	8.96	8.04	10.1	3.592	98.2	1.6	0.4
835	2/4/2016 08:31:06	11.12	44.85	28.91	8.94	8.03	11.4	3.586	97.6	1.7	0.4
836	2/4/2016 08:46:06	11.16	45.03	29.03	8.96	8.03	10.2	3.566	98.0	1.4	0.3
837	2/4/2016 09:01:06	10.62	42.37	27.12	9.06	8.00	13.1	3.456	96.8	2.3	0.6
838	2/4/2016 09:16:06	10.50	41.91	26.79	9.13	8.00	11.5	3.499	97.1	1.9	0.4
839	2/4/2016 09:31:07	10.73	42.41	27.15	9.08	8.00	9.5	3.390	97.3	1.9	0.5
840	2/4/2016 09:46:06	10.75	42.63	27.31	9.08	8.01	10.8	3.328	97.4	1.3	0.3
841	2/4/2016 10:01:07	10.58	41.59	26.57	9.13	7.98	10.8	3.282	97.1	1.6	0.4
842	2/4/2016 10:16:07	10.70	42.13	26.95	9.10	8.00	11.4	3.200	97.3	2.1	0.5
843	2/4/2016 10:31:07	10.74	42.11	26.94	9.07	7.99	12.8	3.084	97.1	2.4	0.6
844	2/4/2016 10:46:07	10.71	41.95	26.83	9.09	7.99	16.6	2.969	97.1	2.4	0.6
845	2/4/2016 11:01:07	10.70	41.55	26.54	9.12	7.98	12.5	2.933	97.2	2.3	0.6
846	2/4/2016 11:16:07	10.72	41.00	26.16	9.18	7.97	11.2	2.850	97.7	2.0	0.5
847	2/4/2016 11:31:06	10.74	41.06	26.20	9.21	7.97	12.3	2.712	98.1	2.2	0.5
848	2/4/2016 11:46:06	10.75	40.92	26.11	9.21	7.97	12.4	2.635	98.0	1.7	0.4
849	2/4/2016 12:01:07	10.83	40.69	25.94	9.20	7.96	18.4	2.511	98.0	2.0	0.5
850	2/4/2016 12:16:06	11.04	40.88	26.09	9.20	7.97	11.2	2.397	98.5	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
851	2/4/2016 12:31:06	11.14	40.53	25.84	9.25	7.96	13.3	2.334	99.0	2.2	0.5
852	2/4/2016 12:46:06	10.99	40.24	25.64	9.25	7.95	16.2	2.136	98.6	2.6	0.6
853	2/4/2016 13:01:07	10.96	40.01	25.47	9.23	7.95	16.2	2.092	98.3	1.8	0.4
854	2/4/2016 13:16:06	11.02	39.82	25.34	9.27	7.95	14.6	1.966	98.7	2.6	0.6
855	2/4/2016 13:31:06	11.11	39.73	25.28	9.30	7.95	15.9	1.876	99.2	2.8	0.7
856	2/4/2016 13:46:07	11.12	39.65	25.23	9.30	7.95	14.7	1.750	99.2	2.4	0.6
857	2/4/2016 14:01:07	11.21	39.51	25.13	9.35	7.95	17.0	1.672	99.9	2.5	0.6
858	2/4/2016 14:16:06	10.98	39.45	25.08	9.26	7.94	13.2	1.673	98.4	2.7	0.7
859	2/4/2016 14:31:06	10.96	39.50	25.11	9.23	7.94	13.0	1.554	98.0	2.5	0.6
860	2/4/2016 14:46:06	11.07	39.50	25.12	9.26	7.94	13.6	1.562	98.6	2.6	0.6
861	2/4/2016 15:01:06	11.46	39.51	25.14	9.43	7.95	17.6	1.536	101.3	1.9	0.4
862	2/4/2016 15:16:06	11.17	39.46	25.09	9.37	7.94	11.4	1.510	99.9	2.6	0.6
863	2/4/2016 15:31:06	10.96	39.46	25.09	9.31	7.94	10.3	1.533	98.9	2.9	0.7
864	2/4/2016 15:46:07	11.09	39.73	25.28	9.28	7.94	13.9	1.581	98.9	3.2	0.8
865	2/4/2016 16:01:06	10.93	39.90	25.40	9.20	7.94	11.8	1.636	97.8	2.0	0.5
866	2/4/2016 16:16:06	11.05	39.15	24.87	9.33	7.93	9.5	1.679	99.2	2.4	0.6
867	2/4/2016 16:31:06	10.99	39.43	25.07	9.23	7.93	10.3	1.697	98.0	2.4	0.6
868	2/4/2016 16:46:06	10.97	39.37	25.02	9.21	7.92	11.2	1.779	97.8	2.4	0.6
869	2/4/2016 17:01:06	10.96	39.46	25.08	9.18	7.92	12.1	1.850	97.6	1.8	0.4
870	2/4/2016 17:16:06	10.93	39.29	24.96	9.17	7.92	13.1	1.937	97.3	2.1	0.5
871	2/4/2016 17:31:06	10.92	39.55	25.15	9.15	7.92	11.4	1.968	97.1	2.0	0.5
872	2/4/2016 17:46:06	10.87	39.49	25.10	9.14	7.93	11.5	2.042	96.9	2.3	0.5
873	2/4/2016 18:01:07	10.86	39.89	25.38	9.14	7.93	12.7	2.136	97.1	2.6	0.6
874	2/4/2016 18:16:07	10.87	40.14	25.56	9.14	7.94	13.3	2.215	97.2	2.9	0.7
875	2/4/2016 18:31:07	10.87	40.62	25.90	9.14	7.95	13.2	2.264	97.4	2.3	0.5
876	2/4/2016 18:46:07	10.88	40.56	25.85	9.15	7.95	13.2	2.367	97.5	2.8	0.7
877	2/4/2016 19:01:06	10.88	40.50	25.81	9.16	7.95	11.3	2.446	97.6	2.1	0.5
878	2/4/2016 19:16:06	10.87	41.07	26.21	9.12	7.96	13.0	2.490	97.4	2.5	0.6
879	2/4/2016 19:31:07	10.87	41.54	26.54	9.10	7.97	14.6	2.567	97.3	2.5	0.6
880	2/4/2016 19:46:07	10.86	41.74	26.69	9.09	7.97	12.7	2.633	97.3	2.2	0.5
881	2/4/2016 20:01:07	10.86	41.92	26.81	9.08	7.97	13.9	2.711	97.3	1.9	0.4
882	2/4/2016 20:16:06	10.86	41.96	26.84	9.09	7.97	13.0	2.759	97.4	1.8	0.4
883	2/4/2016 20:31:07	10.87	42.02	26.88	9.09	7.97	12.6	2.846	97.5	2.1	0.5
884	2/4/2016 20:46:06	10.87	42.11	26.95	9.10	7.98	12.4	2.873	97.6	2.2	0.5
885	2/4/2016 21:01:07	10.86	41.99	26.86	9.12	7.98	10.9	2.917	97.7	2.0	0.5
886	2/4/2016 21:16:07	10.91	42.20	27.01	9.11	7.98	10.4	2.961	97.9	2.4	0.6
887	2/4/2016 21:31:07	10.91	42.27	27.07	9.12	7.98	11.9	3.015	97.9	1.9	0.5

sonde #3

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	2/4/2016 21:46:06	10.93	42.39	27.15	9.11	7.98	10.1	3.028	97.9	2.3	0.6
889	2/4/2016 22:01:07	10.91	42.31	27.09	9.01	7.98	8.5	3.019	96.8	2.4	0.6
890	2/4/2016 22:16:07	10.93	42.39	27.15	9.00	7.98	10.8	3.041	96.7	2.1	0.5
891	2/4/2016 22:31:06	10.93	42.37	27.14	9.03	7.98	10.6	3.066	97.2	2.4	0.6
892	2/4/2016 22:46:06	10.92	42.28	27.07	9.05	7.98	11.1	3.027	97.3	1.8	0.4
893	2/4/2016 23:01:06	10.89	42.06	26.91	9.04	7.97	10.4	2.992	97.0	2.5	0.6
894	2/4/2016 23:16:06	10.82	41.79	26.72	9.01	7.97	10.7	2.953	96.4	2.2	0.5
895	2/4/2016 23:31:07	10.80	41.55	26.55	9.05	7.97	15.7	2.887	96.6	2.4	0.6
896	2/4/2016 23:46:07	10.82	41.60	26.58	9.04	7.97	12.2	2.842	96.7	2.0	0.5
897	2/5/2016 00:01:07	10.77	41.22	26.31	9.04	7.96	13.0	2.766	96.4	1.5	0.4
898	2/5/2016 00:16:06	10.79	41.35	26.40	9.07	7.96	12.4	2.706	96.7	2.0	0.5
899	2/5/2016 00:31:06	10.75	41.16	26.27	9.04	7.96	10.8	2.650	96.3	2.0	0.5
900	2/5/2016 00:46:06	10.67	40.72	25.96	9.06	7.95	11.1	2.619	96.2	2.8	0.7
901	2/5/2016 01:01:06	10.54	40.60	25.87	9.07	7.94	9.5	2.551	95.9	2.3	0.5
902	2/5/2016 01:16:07	10.47	40.46	25.77	9.05	7.94	9.8	2.514	95.5	2.3	0.5
903	2/5/2016 01:31:06	10.42	40.19	25.58	9.09	7.93	9.7	2.489	95.7	2.2	0.5
904	2/5/2016 01:46:07	10.35	40.11	25.52	9.08	7.93	9.0	2.449	95.4	2.3	0.5
905	2/5/2016 02:01:07	10.37	40.04	25.47	9.04	7.93	8.9	2.416	95.1	1.7	0.4
906	2/5/2016 02:16:07	10.51	40.25	25.62	9.03	7.93	8.3	2.402	95.3	2.5	0.6
907	2/5/2016 02:31:06	10.55	40.51	25.80	9.09	7.94	9.7	2.415	96.1	2.6	0.6
908	2/5/2016 02:46:07	10.36	40.20	25.58	9.11	7.93	9.0	2.398	95.8	2.4	0.6
909	2/5/2016 03:01:06	10.47	40.40	25.72	9.07	7.93	9.1	2.399	95.7	2.1	0.5
910	2/5/2016 03:16:07	10.56	40.53	25.82	9.05	7.94	9.0	2.443	95.7	2.7	0.6
911	2/5/2016 03:31:07	10.53	40.45	25.76	9.08	7.94	8.6	2.485	96.0	2.4	0.6
912	2/5/2016 03:46:07	10.60	40.62	25.89	9.04	7.94	9.5	2.512	95.8	2.5	0.6
913	2/5/2016 04:01:06	10.58	40.51	25.81	9.07	7.94	9.0	2.517	96.0	2.4	0.6
914	2/5/2016 04:16:06	10.63	40.84	26.04	9.06	7.94	9.8	2.564	96.1	2.4	0.6
915	2/5/2016 04:31:06	10.63	40.84	26.04	9.07	7.94	12.2	2.631	96.2	2.4	0.6
916	2/5/2016 04:46:07	10.64	41.01	26.16	9.09	7.95	10.2	2.679	96.5	2.1	0.5
917	2/5/2016 05:01:06	10.73	41.45	26.47	9.12	7.95	9.5	2.744	97.3	2.0	0.5
918	2/5/2016 05:16:06	10.69	41.24	26.33	9.13	7.95	9.9	2.822	97.2	1.6	0.4
919	2/5/2016 05:31:07	10.64	41.30	26.36	9.17	7.96	10.2	2.892	97.6	1.7	0.4
920	2/5/2016 05:46:07	10.69	41.76	26.69	9.27	7.97	9.4	2.941	98.9	2.2	0.5
921	2/5/2016 06:01:06	10.64	41.91	26.79	9.34	7.97	8.9	3.021	99.5	2.0	0.5
922	2/5/2016 06:16:06	10.67	41.93	26.81	9.31	7.97	10.5	3.099	99.4	2.5	0.6
923	2/5/2016 06:31:06	10.70	42.21	27.01	9.36	7.98	10.4	3.180	100.1	1.5	0.4
924	2/5/2016 06:46:07	10.69	42.50	27.21	9.41	7.98	10.1	3.249	100.7	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
925	2/5/2016 07:01:06	10.78	43.01	27.58	9.58	8.00	9.1	3.322	103.0	2.1	0.5
926	2/5/2016 07:16:06	11.04	44.06	28.34	9.75	8.01	12.6	3.399	105.9	2.4	0.6
927	2/5/2016 07:31:07	11.13	44.32	28.53	9.82	8.02	15.0	3.462	107.0	2.2	0.5
928	2/5/2016 07:46:07	11.15	44.51	28.66	9.87	8.03	20.9	3.522	107.7	1.8	0.4
929	2/5/2016 08:01:07	11.14	44.61	28.73	9.92	8.03	16.1	3.588	108.3	1.9	0.5
930	2/5/2016 08:16:06	11.14	44.78	28.86	9.99	8.04	17.7	3.641	109.1	1.8	0.4
931	2/5/2016 08:31:06	11.13	44.91	28.95	10.03	8.04	16.1	3.706	109.6	1.8	0.4
932	2/5/2016 08:46:06	11.12	45.00	29.01	10.00	8.04	15.4	3.718	109.3	1.5	0.4
933	2/5/2016 09:01:06	11.12	45.06	29.06	9.98	8.04	14.4	3.737	109.1	1.3	0.3
934	2/5/2016 09:16:06	11.06	44.28	28.49	9.87	8.02	10.4	3.744	107.3	2.2	0.5
935	2/5/2016 09:31:06	10.92	44.12	28.38	9.90	8.02	10.0	3.718	107.2	1.9	0.4
936	2/5/2016 09:46:06	11.01	44.36	28.55	9.89	8.03	13.8	3.682	107.5	1.1	0.3
937	2/5/2016 10:01:07	10.92	43.79	28.14	9.70	8.02	12.7	3.637	105.0	1.4	0.3
938	2/5/2016 10:16:07	10.78	43.34	27.81	9.64	8.00	14.5	3.573	103.8	1.7	0.4
939	2/5/2016 10:31:07	10.75	42.64	27.32	9.54	7.99	11.8	3.496	102.3	1.7	0.4
940	2/5/2016 10:46:07	10.92	43.09	27.65	9.55	7.99	14.5	3.401	103.0	1.5	0.3
941	2/5/2016 11:01:07	10.87	42.96	27.55	9.45	7.99	16.7	3.304	101.8	2.6	0.6
942	2/5/2016 11:16:06	10.81	42.49	27.21	9.43	7.98	21.6	3.194	101.2	2.0	0.5
943	2/5/2016 11:31:07	10.88	42.25	27.05	9.52	7.98	11.7	3.097	102.2	1.9	0.4
944	2/5/2016 11:46:07	10.92	42.26	27.05	9.51	7.98	10.8	2.985	102.2	1.8	0.4
945	2/5/2016 12:01:06	10.93	41.97	26.85	9.46	7.97	12.0	2.884	101.6	2.2	0.5
946	2/5/2016 12:16:06	11.02	41.82	26.75	9.45	7.97	11.7	2.762	101.5	2.1	0.5
947	2/5/2016 12:31:06	11.07	41.79	26.73	9.45	7.97	11.9	2.645	101.7	1.7	0.4
948	2/5/2016 12:46:07	10.96	41.27	26.36	9.36	7.96	12.9	2.527	100.3	2.3	0.5
949	2/5/2016 13:01:06	11.13	41.41	26.46	9.41	7.96	10.8	2.420	101.2	2.2	0.5
950	2/5/2016 13:16:06	11.26	41.39	26.45	9.40	7.96	11.3	2.278	101.3	2.0	0.5
951	2/5/2016 13:31:07	11.22	40.99	26.18	9.24	7.95	14.0	2.138	99.4	2.5	0.6
952	2/5/2016 13:46:07	11.09	40.57	25.87	9.27	7.94	14.1	2.014	99.2	2.0	0.5
953	2/5/2016 14:01:06	11.27	40.55	25.87	9.32	7.95	13.2	1.882	100.1	2.7	0.6
954	2/5/2016 14:16:06	11.27	40.30	25.69	9.38	7.95	13.5	1.747	100.7	2.6	0.6
955	2/5/2016 14:31:06	11.06	40.09	25.53	9.27	7.93	13.4	1.660	98.9	2.0	0.5
956	2/5/2016 14:46:06	11.22	40.05	25.51	9.31	7.94	12.6	1.557	99.7	2.4	0.6
957	2/5/2016 15:01:07	11.21	39.90	25.40	9.29	7.93	21.1	1.456	99.4	2.7	0.6
958	2/5/2016 15:16:06	11.10	39.79	25.32	9.21	7.92	16.6	1.404	98.3	2.8	0.7
959	2/5/2016 15:31:06	11.12	39.73	25.28	9.22	7.92	20.6	1.405	98.4	2.7	0.6
960	2/5/2016 15:46:06	11.14	39.80	25.33	9.27	7.92	18.8	1.358	99.0	2.7	0.6
961	2/5/2016 16:01:07	11.11	39.79	25.33	9.24	7.92	15.0	1.368	98.6	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
962	2/5/2016 16:16:07	11.06	39.90	25.40	9.21	7.92	19.6	1.417	98.3	2.6	0.6
963	2/5/2016 16:31:06	11.01	39.90	25.39	9.24	7.92	13.5	1.457	98.4	2.3	0.6
964	2/5/2016 16:46:06	11.03	39.83	25.35	9.25	7.92	11.5	1.526	98.6	2.5	0.6
965	2/5/2016 17:01:06	11.01	39.42	25.06	9.25	7.92	13.1	1.595	98.3	2.6	0.6
966	2/5/2016 17:16:06	10.96	39.25	24.94	9.23	7.91	12.6	1.676	97.9	2.2	0.5
967	2/5/2016 17:31:06	10.94	39.27	24.95	9.21	7.90	12.3	1.752	97.7	2.7	0.6
968	2/5/2016 17:46:07	10.95	39.36	25.02	9.19	7.91	13.4	1.818	97.5	2.0	0.5
969	2/5/2016 18:01:07	10.95	39.70	25.26	9.16	7.91	12.4	1.877	97.4	2.5	0.6
970	2/5/2016 18:16:07	10.93	39.73	25.27	9.17	7.91	12.3	1.972	97.5	2.5	0.6
971	2/5/2016 18:31:06	10.93	39.91	25.40	9.20	7.92	12.4	2.059	97.8	2.4	0.6
972	2/5/2016 18:46:07	10.96	40.33	25.70	9.22	7.93	12.5	2.130	98.3	2.6	0.6
973	2/5/2016 19:01:06	10.97	40.56	25.86	9.25	7.93	12.7	2.207	98.8	1.9	0.5
974	2/5/2016 19:16:06	10.99	41.05	26.20	9.28	7.94	13.9	2.290	99.3	2.1	0.5
975	2/5/2016 19:31:06	10.99	41.22	26.33	9.29	7.95	14.8	2.389	99.5	2.4	0.6
976	2/5/2016 19:46:06	10.99	41.30	26.38	9.29	7.95	14.6	2.468	99.6	2.5	0.6
977	2/5/2016 20:01:06	10.98	41.27	26.36	9.31	7.95	13.4	2.551	99.7	2.5	0.6
978	2/5/2016 20:16:06	10.99	41.30	26.38	9.33	7.95	14.4	2.633	99.9	2.8	0.7
979	2/5/2016 20:31:06	10.99	41.44	26.48	9.34	7.95	16.9	2.719	100.2	2.4	0.6
980	2/5/2016 20:46:06	11.00	41.63	26.62	9.36	7.96	15.8	2.795	100.5	2.4	0.6
981	2/5/2016 21:01:06	11.01	41.75	26.70	9.41	7.96	18.1	2.864	101.1	2.5	0.6
982	2/5/2016 21:16:06	11.01	41.94	26.83	9.45	7.97	22.4	2.916	101.6	3.0	0.7
983	2/5/2016 21:31:07	11.02	42.13	26.97	9.49	7.97	19.1	2.983	102.1	2.8	0.7
984	2/5/2016 21:46:06	11.04	42.53	27.25	9.53	7.98	24.2	3.061	102.8	2.2	0.5
985	2/5/2016 22:01:07	11.10	43.08	27.64	9.63	7.99	23.9	3.114	104.3	2.6	0.6
986	2/5/2016 22:16:07	11.14	43.38	27.86	9.70	8.00	19.4	3.149	105.3	2.4	0.6
987	2/5/2016 22:31:07	11.18	43.72	28.10	9.75	8.00	18.1	3.218	106.1	2.1	0.5
988	2/5/2016 22:46:06	11.19	43.83	28.18	9.76	8.01	15.3	3.241	106.3	2.3	0.5
989	2/5/2016 23:01:06	11.20	43.89	28.22	9.67	8.01	11.3	3.256	105.3	2.4	0.6
990	2/5/2016 23:16:06	11.20	43.89	28.22	9.70	8.01	14.7	3.216	105.6	1.9	0.5
991	2/5/2016 23:31:07	11.10	42.84	27.47	9.57	7.99	12.0	3.182	103.5	1.9	0.5
992	2/5/2016 23:46:07	11.05	42.27	27.07	9.44	7.97	12.6	3.174	101.8	2.3	0.5
993	2/6/2016 00:01:07	11.04	42.11	26.95	9.41	7.97	15.4	3.090	101.3	2.3	0.5
994	2/6/2016 00:16:06	11.00	41.75	26.70	9.40	7.96	16.0	3.029	101.0	2.0	0.5
995	2/6/2016 00:31:06	11.01	42.02	26.89	9.43	7.96	11.7	2.970	101.4	2.8	0.7
996	2/6/2016 00:46:07	11.02	42.10	26.94	9.41	7.96	12.2	2.895	101.3	2.1	0.5
997	2/6/2016 01:01:07	11.00	41.95	26.84	9.37	7.96	11.7	2.818	100.7	2.1	0.5
998	2/6/2016 01:16:07	10.98	41.60	26.59	9.30	7.95	12.3	2.756	99.8	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
999	2/6/2016 01:31:07	10.97	41.39	26.44	9.25	7.94	11.2	2.691	99.1	2.3	0.5
1000	2/6/2016 01:46:06	10.96	41.38	26.43	9.25	7.94	10.9	2.630	99.1	1.9	0.5
1001	2/6/2016 02:01:06	10.94	41.02	26.18	9.22	7.93	11.4	2.581	98.5	2.0	0.5
1002	2/6/2016 02:16:07	10.93	40.99	26.16	9.20	7.93	10.5	2.516	98.3	2.5	0.6
1003	2/6/2016 02:31:07	10.92	40.59	25.87	9.19	7.92	10.2	2.460	98.0	2.3	0.6
1004	2/6/2016 02:46:06	10.90	40.84	26.05	9.17	7.92	9.4	2.443	97.8	2.3	0.6
1005	2/6/2016 03:01:06	10.91	40.38	25.73	9.12	7.92	9.5	2.411	97.1	2.6	0.6
1006	2/6/2016 03:16:07	10.90	40.37	25.72	9.09	7.92	8.6	2.377	96.8	2.3	0.5
1007	2/6/2016 03:31:06	10.91	40.49	25.80	9.08	7.92	8.7	2.364	96.7	2.5	0.6
1008	2/6/2016 03:46:07	10.92	40.62	25.90	9.14	7.92	8.9	2.390	97.5	1.9	0.5
1009	2/6/2016 04:01:06	10.90	40.63	25.91	9.14	7.92	9.8	2.397	97.4	2.3	0.6
1010	2/6/2016 04:16:06	10.90	40.69	25.95	9.13	7.91	10.1	2.409	97.4	1.9	0.4
1011	2/6/2016 04:31:06	10.92	40.87	26.08	9.15	7.92	10.8	2.451	97.7	2.1	0.5
1012	2/6/2016 04:46:07	10.89	40.81	26.03	9.17	7.92	10.1	2.514	97.8	1.6	0.4
1013	2/6/2016 05:01:06	10.93	40.95	26.13	9.18	7.92	11.2	2.561	98.1	2.0	0.5
1014	2/6/2016 05:16:06	10.95	41.07	26.22	9.18	7.93	12.5	2.626	98.2	1.9	0.4
1015	2/6/2016 05:31:06	11.00	41.51	26.53	9.27	7.94	12.6	2.703	99.5	2.4	0.6
1016	2/6/2016 05:46:06	10.97	41.42	26.46	9.27	7.94	12.8	2.772	99.4	2.0	0.5
1017	2/6/2016 06:01:06	10.95	41.56	26.56	9.33	7.94	11.5	2.842	100.0	2.3	0.5
1018	2/6/2016 06:16:06	10.92	41.91	26.81	9.40	7.95	11.1	2.922	100.8	1.7	0.4
1019	2/6/2016 06:31:06	10.96	42.23	27.03	9.43	7.96	11.1	3.006	101.4	1.3	0.3
1020	2/6/2016 06:46:06	11.05	42.67	27.35	9.47	7.97	10.0	3.079	102.2	1.8	0.4
1021	2/6/2016 07:01:07	11.06	42.97	27.57	9.50	7.98	10.1	3.174	102.8	1.6	0.4
1022	2/6/2016 07:16:07	11.22	44.13	28.40	9.63	8.00	16.3	3.249	105.0	1.7	0.4
1023	2/6/2016 07:31:06	11.25	44.44	28.62	9.64	8.00	23.6	3.338	105.4	2.1	0.5
1024	2/6/2016 07:46:07	11.28	44.74	28.83	9.69	8.01	23.9	3.423	106.2	2.4	0.6
1025	2/6/2016 08:01:06	11.29	44.81	28.88	9.69	8.02	25.3	3.511	106.2	2.7	0.6
1026	2/6/2016 08:16:06	11.29	45.03	29.04	9.71	8.02	23.6	3.593	106.5	2.3	0.6
1027	2/6/2016 08:31:06	11.31	45.25	29.20	9.74	8.03	23.8	3.661	107.0	2.4	0.6
1028	2/6/2016 08:46:07	11.32	45.42	29.32	9.76	8.03	21.7	3.727	107.3	2.3	0.5
1029	2/6/2016 09:01:06	11.33	45.67	29.50	9.76	8.04	20.3	3.799	107.5	2.2	0.5
1030	2/6/2016 09:16:07	11.35	45.84	29.62	9.79	8.04	16.0	3.823	107.9	1.8	0.4
1031	2/6/2016 09:31:06	11.36	45.91	29.67	9.80	8.04	13.2	3.863	108.0	2.5	0.6
1032	2/6/2016 09:46:07	11.37	45.99	29.73	9.80	8.05	11.6	3.897	108.1	1.1	0.3
1033	2/6/2016 10:01:06	11.37	46.02	29.75	9.71	8.05	7.0	3.884	107.1	1.9	0.4
1034	2/6/2016 10:16:06	11.36	45.93	29.69	9.73	8.04	12.1	3.877	107.3	2.1	0.5
1035	2/6/2016 10:31:07	11.36	45.94	29.69	9.72	8.04	13.4	3.837	107.2	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
1036	2/6/2016 10:46:07	11.30	44.34	28.55	9.62	8.02	13.2	3.763	105.3	1.9	0.4
1037	2/6/2016 11:01:06	11.32	43.56	28.00	9.53	7.99	12.8	3.701	103.9	1.6	0.4
1038	2/6/2016 11:16:07	11.31	43.11	27.68	9.45	7.98	13.6	3.592	102.8	2.1	0.5
1039	2/6/2016 11:31:07	11.32	42.79	27.45	9.48	7.98	11.2	3.487	103.0	2.2	0.5
1040	2/6/2016 11:46:06	11.29	43.33	27.83	9.50	7.98	15.8	3.386	103.4	2.4	0.6
1041	2/6/2016 12:01:06	11.26	43.45	27.92	9.48	7.99	16.0	3.273	103.2	2.0	0.5
1042	2/6/2016 12:16:07	11.21	42.94	27.55	9.40	7.97	20.7	3.153	102.0	2.8	0.7
1043	2/6/2016 12:31:07	11.20	42.62	27.32	9.38	7.97	22.5	3.031	101.5	2.1	0.5
1044	2/6/2016 12:46:07	11.22	42.51	27.25	9.38	7.96	22.9	2.906	101.6	2.5	0.6
1045	2/6/2016 13:01:07	11.38	42.16	27.01	9.41	7.96	13.0	2.781	102.1	2.0	0.5
1046	2/6/2016 13:16:07	11.38	41.85	26.79	9.41	7.95	13.4	2.656	101.9	1.8	0.4
1047	2/6/2016 13:31:07	11.45	41.88	26.81	9.41	7.95	12.4	2.529	102.2	1.8	0.4
1048	2/6/2016 13:46:06	11.50	41.62	26.63	9.37	7.95	14.2	2.389	101.7	1.8	0.4
1049	2/6/2016 14:01:06	11.40	41.23	26.35	9.24	7.93	17.8	2.268	99.9	2.4	0.6
1050	2/6/2016 14:16:06	11.39	41.03	26.21	9.21	7.92	15.8	2.105	99.5	2.1	0.5
1051	2/6/2016 14:31:07	11.44	40.90	26.12	9.15	7.92	18.5	1.960	98.8	2.1	0.5
1052	2/6/2016 14:46:07	11.49	40.72	25.99	9.22	7.93	16.3	1.835	99.6	1.9	0.5
1053	2/6/2016 15:01:06	11.50	40.67	25.95	9.22	7.92	15.6	1.694	99.6	2.3	0.6
1054	2/6/2016 15:16:06	11.53	40.52	25.85	9.13	7.91	16.2	1.580	98.6	2.8	0.7
1055	2/6/2016 15:31:07	11.51	40.37	25.74	9.07	7.91	15.0	1.470	97.9	2.6	0.6
1056	2/6/2016 15:46:06	11.51	40.23	25.65	9.05	7.90	13.7	1.368	97.7	2.4	0.6
1057	2/6/2016 16:01:06	11.56	40.24	25.66	9.07	7.90	14.8	1.324	97.9	2.5	0.6
1058	2/6/2016 16:16:06	11.58	40.20	25.63	9.03	7.90	13.9	1.282	97.5	2.3	0.5
1059	2/6/2016 16:31:07	11.60	40.25	25.66	9.11	7.91	13.6	1.265	98.5	2.3	0.5
1060	2/6/2016 16:46:06	11.53	40.24	25.65	9.04	7.90	12.0	1.293	97.6	2.6	0.6
1061	2/6/2016 17:01:06	11.52	40.24	25.65	9.03	7.90	12.7	1.344	97.4	2.7	0.6
1062	2/6/2016 17:16:07	11.50	40.28	25.68	9.05	7.90	11.6	1.395	97.6	2.4	0.6
1063	2/6/2016 17:31:07	11.49	39.81	25.35	9.10	7.89	12.7	1.489	97.9	2.4	0.6
1064	2/6/2016 17:46:06	11.47	39.56	25.17	9.10	7.88	12.2	1.571	97.8	2.9	0.7
1065	2/6/2016 18:01:06	11.43	39.20	24.92	9.15	7.89	13.4	1.648	98.0	2.6	0.6
1066	2/6/2016 18:16:07	11.43	39.65	25.24	9.10	7.88	12.5	1.727	97.8	2.6	0.6
1067	2/6/2016 18:31:06	11.42	39.57	25.18	9.10	7.88	12.3	1.814	97.7	2.3	0.5
1068	2/6/2016 18:46:06	11.39	39.77	25.32	9.13	7.89	12.7	1.898	98.0	2.4	0.6
1069	2/6/2016 19:01:06	11.37	40.21	25.63	9.17	7.90	13.1	1.997	98.6	2.6	0.6
1070	2/6/2016 19:16:06	11.36	40.62	25.92	9.21	7.92	13.3	2.075	99.2	2.4	0.6
1071	2/6/2016 19:31:06	11.34	41.20	26.33	9.27	7.93	15.3	2.165	100.1	2.4	0.6
1072	2/6/2016 19:46:06	11.34	41.53	26.56	9.29	7.94	16.1	2.269	100.4	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
1073	2/6/2016 20:01:07	11.33	41.57	26.59	9.30	7.94	13.6	2.366	100.6	2.9	0.7
1074	2/6/2016 20:16:07	11.33	41.64	26.64	9.31	7.94	14.9	2.457	100.7	2.6	0.6
1075	2/6/2016 20:31:07	11.33	41.72	26.69	9.33	7.95	15.9	2.560	101.0	2.6	0.6
1076	2/6/2016 20:46:06	11.32	41.80	26.74	9.34	7.95	17.6	2.637	101.1	2.2	0.5
1077	2/6/2016 21:01:06	11.33	41.89	26.81	9.36	7.95	21.7	2.744	101.3	2.5	0.6
1078	2/6/2016 21:16:06	11.33	42.24	27.06	9.42	7.96	26.2	2.835	102.1	2.6	0.6
1079	2/6/2016 21:31:07	11.34	42.44	27.20	9.44	7.97	23.3	2.917	102.4	2.6	0.6
1080	2/6/2016 21:46:06	11.34	42.70	27.38	9.44	7.97	20.0	2.996	102.6	3.1	0.7
1081	2/6/2016 22:01:07	11.40	43.42	27.90	9.53	7.99	27.8	3.082	104.0	2.6	0.6
1082	2/6/2016 22:16:06	11.46	44.07	28.36	9.63	8.00	27.7	3.151	105.6	2.6	0.6
1083	2/6/2016 22:31:07	11.48	44.36	28.57	9.67	8.01	26.0	3.224	106.2	2.9	0.7
1084	2/6/2016 22:46:06	11.49	44.50	28.67	9.68	8.02	23.1	3.287	106.4	2.9	0.7
1085	2/6/2016 23:01:07	11.50	44.69	28.81	9.69	8.02	20.5	3.332	106.6	2.3	0.5
1086	2/6/2016 23:16:07	11.50	44.79	28.88	9.69	8.02	16.7	3.359	106.7	2.4	0.6
1087	2/6/2016 23:31:06	11.51	44.89	28.95	9.68	8.03	16.5	3.395	106.6	2.6	0.6
1088	2/6/2016 23:46:07	11.51	44.88	28.95	9.61	8.03	12.2	3.385	105.8	2.4	0.6
1089	2/7/2016 00:01:06	11.49	44.72	28.83	9.63	8.02	15.5	3.344	106.0	2.3	0.5
1090	2/7/2016 00:16:06	11.29	43.34	27.83	9.51	7.99	12.8	3.302	103.5	2.6	0.6
1091	2/7/2016 00:31:06	11.27	43.11	27.67	9.46	7.98	13.9	3.241	102.8	2.7	0.6
1092	2/7/2016 00:46:07	11.29	43.10	27.67	9.43	7.98	17.5	3.150	102.5	2.1	0.5
1093	2/7/2016 01:01:06	11.30	42.88	27.51	9.41	7.98	24.2	3.081	102.3	2.8	0.7
1094	2/7/2016 01:16:06	11.30	42.60	27.31	9.38	7.97	24.9	2.993	101.8	2.5	0.6
1095	2/7/2016 01:31:07	11.32	42.79	27.45	9.38	7.97	16.7	2.901	101.9	2.6	0.6
1096	2/7/2016 01:46:07	11.27	42.54	27.27	9.36	7.97	18.9	2.822	101.5	1.8	0.4
1097	2/7/2016 02:01:06	11.17	41.82	26.76	9.28	7.95	17.7	2.745	100.0	2.7	0.6
1098	2/7/2016 02:16:07	11.08	41.71	26.68	9.27	7.95	12.7	2.681	99.7	2.3	0.6
1099	2/7/2016 02:31:06	11.08	41.75	26.70	9.26	7.94	13.0	2.595	99.7	2.7	0.6
1100	2/7/2016 02:46:06	11.06	41.50	26.53	9.24	7.94	10.9	2.525	99.2	2.0	0.5
1101	2/7/2016 03:01:06	11.05	41.41	26.46	9.23	7.93	12.0	2.460	99.1	1.9	0.5
1102	2/7/2016 03:16:07	11.04	41.32	26.39	9.19	7.93	10.4	2.414	98.6	2.4	0.6
1103	2/7/2016 03:31:07	11.07	41.12	26.26	9.17	7.92	10.1	2.350	98.4	2.6	0.6
1104	2/7/2016 03:46:07	11.04	41.04	26.20	9.13	7.92	9.8	2.302	97.8	2.0	0.5
1105	2/7/2016 04:01:07	11.05	40.86	26.07	9.11	7.91	9.4	2.291	97.5	2.1	0.5
1106	2/7/2016 04:16:07	11.09	40.71	25.97	9.03	7.90	8.9	2.266	96.8	2.3	0.5
1107	2/7/2016 04:31:07	11.06	40.88	26.09	9.07	7.91	9.1	2.264	97.2	2.6	0.6
1108	2/7/2016 04:46:06	11.10	40.96	26.15	9.13	7.91	9.8	2.274	97.9	2.3	0.5
1109	2/7/2016 05:01:07	11.07	41.02	26.18	9.11	7.91	9.5	2.310	97.6	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
1110	2/7/2016 05:16:07	11.06	41.20	26.32	9.14	7.92	10.6	2.365	98.1	2.1	0.5
1111	2/7/2016 05:31:06	11.04	41.15	26.28	9.14	7.91	12.5	2.428	97.9	2.3	0.5
1112	2/7/2016 05:46:07	11.06	41.23	26.33	9.16	7.92	12.8	2.491	98.3	2.2	0.5
1113	2/7/2016 06:01:07	11.11	41.45	26.49	9.18	7.92	14.6	2.561	98.7	2.6	0.6
1114	2/7/2016 06:16:06	11.19	42.00	26.88	9.24	7.94	18.6	2.647	99.8	2.7	0.6
1115	2/7/2016 06:31:07	11.15	42.01	26.89	9.28	7.94	14.7	2.734	100.1	2.6	0.6
1116	2/7/2016 06:46:07	11.25	42.80	27.45	9.35	7.96	17.3	2.802	101.5	2.2	0.5
1117	2/7/2016 07:01:07	11.31	43.17	27.72	9.41	7.97	17.9	2.887	102.4	2.5	0.6
1118	2/7/2016 07:16:07	11.30	43.23	27.76	9.41	7.98	16.7	2.970	102.5	2.6	0.6
1119	2/7/2016 07:31:06	11.34	43.62	28.04	9.46	7.99	19.5	3.056	103.2	2.3	0.5
1120	2/7/2016 07:46:06	11.37	43.91	28.25	9.51	8.00	20.6	3.141	104.0	2.3	0.5
1121	2/7/2016 08:01:06	11.37	44.08	28.37	9.55	8.00	21.6	3.244	104.5	2.2	0.5
1122	2/7/2016 08:16:06	11.40	44.34	28.56	9.59	8.01	18.1	3.337	105.1	2.5	0.6
1123	2/7/2016 08:31:07	11.39	44.38	28.58	9.61	8.01	17.8	3.433	105.3	2.4	0.6
1124	2/7/2016 08:46:07	11.39	44.70	28.81	9.66	8.02	19.4	3.527	106.0	2.6	0.6
1125	2/7/2016 09:01:06	11.39	44.93	28.97	9.69	8.03	17.0	3.611	106.5	2.2	0.5
1126	2/7/2016 09:16:07	11.43	45.39	29.30	9.75	8.04	18.0	3.701	107.4	2.5	0.6
1127	2/7/2016 09:31:07	11.49	45.80	29.60	9.80	8.05	20.6	3.776	108.4	2.9	0.7
1128	2/7/2016 09:46:06	11.51	46.00	29.74	9.83	8.06	18.4	3.844	108.8	2.1	0.5
1129	2/7/2016 10:01:06	11.52	46.08	29.80	9.85	8.06	13.9	3.915	109.1	2.3	0.6
1130	2/7/2016 10:16:07	11.54	46.21	29.90	9.84	8.07	11.1	3.953	109.1	2.1	0.5
1131	2/7/2016 10:31:07	11.55	46.28	29.95	9.84	8.07	10.3	3.981	109.1	2.2	0.5
1132	2/7/2016 10:46:07	11.54	46.28	29.95	9.73	8.07	8.1	3.987	108.0	2.7	0.7
1133	2/7/2016 11:01:07	11.54	46.18	29.87	9.73	8.06	10.9	3.969	107.9	2.6	0.6
1134	2/7/2016 11:16:07	11.55	46.22	29.91	9.75	8.06	11.1	3.928	108.1	2.4	0.6
1135	2/7/2016 11:31:06	11.68	45.19	29.17	9.72	8.04	12.0	3.862	107.6	2.9	0.7
1136	2/7/2016 11:46:07	11.85	44.64	28.79	9.63	8.02	12.2	3.770	106.8	2.2	0.5
1137	2/7/2016 12:01:06	11.95	44.41	28.63	9.60	8.02	10.9	3.676	106.5	2.3	0.5
1138	2/7/2016 12:16:06	11.82	44.16	28.44	9.58	8.01	11.8	3.548	105.9	2.6	0.6
1139	2/7/2016 12:31:06	11.82	43.83	28.21	9.53	8.00	15.2	3.414	105.1	2.3	0.5
1140	2/7/2016 12:46:06	11.83	43.35	27.87	9.44	7.99	13.7	3.302	104.0	2.8	0.7
1141	2/7/2016 13:01:06	11.72	43.07	27.66	9.37	7.98	19.2	3.174	102.8	2.0	0.5
1142	2/7/2016 13:16:07	11.83	42.80	27.48	9.33	7.97	19.8	3.033	102.5	2.4	0.6
1143	2/7/2016 13:31:07	11.82	42.55	27.30	9.29	7.96	21.8	2.901	102.0	1.9	0.5
1144	2/7/2016 13:46:06	12.21	42.65	27.38	9.35	7.97	12.9	2.783	103.5	2.5	0.6
1145	2/7/2016 14:01:06	12.30	42.67	27.40	9.37	7.97	11.6	2.640	103.9	2.1	0.5
1146	2/7/2016 14:16:06	12.29	42.33	27.16	9.32	7.96	15.4	2.504	103.2	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	2/7/2016 14:31:06	12.15	42.06	26.96	9.31	7.95	17.3	2.357	102.7	2.4	0.6
1148	2/7/2016 14:46:06	11.99	41.84	26.80	9.25	7.94	18.1	2.192	101.6	2.5	0.6
1149	2/7/2016 15:01:06	12.05	41.59	26.63	9.38	7.94	18.9	2.048	103.0	2.9	0.7
1150	2/7/2016 15:16:06	12.03	41.29	26.41	9.28	7.93	19.8	1.890	101.7	2.4	0.6
1151	2/7/2016 15:31:06	12.14	41.12	26.30	9.23	7.93	18.3	1.740	101.3	2.3	0.5
1152	2/7/2016 15:46:06	12.13	40.87	26.12	9.16	7.92	16.2	1.597	100.4	2.2	0.5
1153	2/7/2016 16:01:06	12.15	40.73	26.02	9.12	7.91	16.9	1.443	100.0	2.5	0.6
1154	2/7/2016 16:16:06	12.21	40.63	25.95	9.10	7.91	15.9	1.335	99.8	2.3	0.6
1155	2/7/2016 16:31:06	12.23	40.49	25.86	9.07	7.90	15.3	1.221	99.5	2.2	0.5
1156	2/7/2016 16:46:06	12.25	40.47	25.84	9.04	7.90	15.1	1.125	99.2	2.3	0.5
1157	2/7/2016 17:01:06	12.26	40.43	25.81	9.05	7.90	13.2	1.094	99.4	2.5	0.6
1158	2/7/2016 17:16:06	12.25	40.53	25.88	9.10	7.90	12.9	1.124	99.9	2.0	0.5
1159	2/7/2016 17:31:06	12.21	40.58	25.92	9.08	7.90	11.7	1.174	99.6	2.4	0.6
1160	2/7/2016 17:46:06	12.18	40.57	25.91	9.07	7.90	11.4	1.252	99.4	2.4	0.6
1161	2/7/2016 18:01:07	12.15	40.61	25.94	9.09	7.90	11.9	1.353	99.6	2.3	0.5
1162	2/7/2016 18:16:07	12.14	40.50	25.86	9.09	7.90	11.6	1.430	99.5	2.5	0.6
1163	2/7/2016 18:31:07	12.10	39.80	25.36	9.13	7.89	12.2	1.525	99.6	2.2	0.5
1164	2/7/2016 18:46:07	12.09	39.98	25.49	9.10	7.89	12.0	1.606	99.3	3.1	0.7
1165	2/7/2016 19:01:06	12.08	39.85	25.40	9.12	7.89	11.2	1.689	99.4	2.5	0.6
1166	2/7/2016 19:16:06	12.07	39.99	25.50	9.11	7.89	11.3	1.782	99.4	2.3	0.5
1167	2/7/2016 19:31:06	12.01	40.39	25.78	9.14	7.90	12.8	1.873	99.8	2.7	0.6
1168	2/7/2016 19:46:06	11.97	40.77	26.04	9.17	7.91	12.4	1.966	100.2	2.6	0.6
1169	2/7/2016 20:01:06	11.89	41.68	26.69	9.22	7.93	14.6	2.072	101.0	2.5	0.6
1170	2/7/2016 20:16:06	11.86	41.91	26.85	9.26	7.94	15.6	2.182	101.4	2.6	0.6
1171	2/7/2016 20:31:06	11.84	41.94	26.87	9.27	7.94	15.5	2.289	101.5	2.7	0.7
1172	2/7/2016 20:46:07	11.83	42.14	27.00	9.29	7.95	18.9	2.399	101.7	2.3	0.6
1173	2/7/2016 21:01:06	11.82	42.25	27.09	9.30	7.95	19.5	2.503	101.9	2.9	0.7
1174	2/7/2016 21:16:06	11.82	42.43	27.21	9.32	7.95	19.7	2.612	102.2	3.1	0.7
1175	2/7/2016 21:31:06	11.83	42.61	27.34	9.32	7.96	23.6	2.705	102.4	2.6	0.6
1176	2/7/2016 21:46:07	11.84	42.77	27.45	9.35	7.96	31.3	2.803	102.7	3.2	0.8
1177	2/7/2016 22:01:07	11.84	43.06	27.66	9.39	7.97	24.7	2.902	103.3	2.2	0.5
1178	2/7/2016 22:16:06	11.87	44.00	28.33	9.50	8.01	31.4	2.995	105.1	3.0	0.7
1179	2/7/2016 22:31:06	11.89	44.63	28.78	9.58	8.03	28.0	3.074	106.3	3.1	0.7
1180	2/7/2016 22:46:06	11.88	44.89	28.96	9.61	8.03	22.8	3.170	106.7	2.9	0.7
1181	2/7/2016 23:01:06	11.87	45.10	29.11	9.61	8.04	20.9	3.254	106.8	2.9	0.7
1182	2/7/2016 23:16:06	11.87	45.21	29.20	9.60	8.04	19.8	3.314	106.7	2.7	0.6
1183	2/7/2016 23:31:06	11.86	45.58	29.46	9.57	8.05	22.0	3.391	106.5	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
1184	2/7/2016 23:46:06	11.84	45.83	29.64	9.54	8.05	15.7	3.438	106.3	3.1	0.7
1185	2/8/2016 00:01:06	11.84	46.03	29.78	9.56	8.06	13.4	3.463	106.6	2.4	0.6
1186	2/8/2016 00:16:06	11.84	45.94	29.71	9.52	8.06	11.5	3.468	106.1	3.1	0.7
1187	2/8/2016 00:31:06	11.84	45.95	29.73	9.51	8.05	12.6	3.449	106.0	2.8	0.7
1188	2/8/2016 00:46:07	11.76	44.32	28.56	9.47	8.02	15.3	3.407	104.6	2.1	0.5
1189	2/8/2016 01:01:07	11.77	44.67	28.81	9.40	8.02	17.0	3.340	104.0	2.5	0.6
1190	2/8/2016 01:16:06	11.70	43.60	28.04	9.34	7.99	12.6	3.268	102.7	2.1	0.5
1191	2/8/2016 01:31:07	11.74	44.01	28.33	9.33	8.00	17.1	3.179	102.9	2.7	0.6
1192	2/8/2016 01:46:07	11.75	43.80	28.18	9.33	8.00	21.3	3.085	102.8	2.9	0.7
1193	2/8/2016 02:01:06	11.77	43.95	28.29	9.39	8.01	22.0	2.991	103.6	2.8	0.7
1194	2/8/2016 02:16:07	11.75	43.44	27.93	9.34	7.99	16.6	2.900	102.7	2.6	0.6
1195	2/8/2016 02:31:07	11.61	42.71	27.40	9.24	7.96	17.8	2.811	101.0	2.0	0.5
1196	2/8/2016 02:46:07	11.60	42.85	27.50	9.23	7.96	15.0	2.727	100.9	2.3	0.6
1197	2/8/2016 03:01:06	11.58	42.85	27.50	9.27	7.97	13.7	2.627	101.3	2.5	0.6
1198	2/8/2016 03:16:06	11.57	42.56	27.30	9.24	7.96	12.3	2.550	100.9	2.3	0.5
1199	2/8/2016 03:31:07	11.59	42.18	27.03	9.21	7.94	11.9	2.461	100.4	2.5	0.6
1200	2/8/2016 03:46:06	11.61	41.96	26.88	9.17	7.93	11.8	2.392	99.9	2.2	0.5
1201	2/8/2016 04:01:07	11.62	41.90	26.83	9.13	7.93	11.2	2.320	99.4	2.0	0.5
1202	2/8/2016 04:16:07	11.61	41.63	26.64	9.11	7.92	10.6	2.243	99.1	2.6	0.6
1203	2/8/2016 04:31:06	11.61	41.43	26.50	9.08	7.91	10.1	2.200	98.7	2.8	0.7
1204	2/8/2016 04:46:07	11.56	41.52	26.56	9.06	7.91	10.0	2.158	98.5	2.4	0.6
1205	2/8/2016 05:01:06	11.60	41.27	26.38	9.03	7.90	9.9	2.124	98.0	2.5	0.6
1206	2/8/2016 05:16:07	11.62	41.55	26.58	9.03	7.91	9.6	2.145	98.2	2.0	0.5
1207	2/8/2016 05:31:07	11.58	41.18	26.32	9.08	7.90	9.2	2.127	98.5	2.2	0.5
1208	2/8/2016 05:46:07	11.58	41.41	26.48	9.05	7.90	9.5	2.172	98.3	2.4	0.6
1209	2/8/2016 06:01:07	11.58	41.65	26.65	9.06	7.91	10.9	2.227	98.5	2.3	0.6
1210	2/8/2016 06:16:07	11.56	41.56	26.59	9.09	7.91	12.2	2.286	98.7	2.5	0.6
1211	2/8/2016 06:31:07	11.55	41.33	26.42	9.09	7.91	11.9	2.398	98.6	2.6	0.6
1212	2/8/2016 06:46:07	11.63	41.90	26.83	9.11	7.92	14.4	2.454	99.3	2.4	0.6
1213	2/8/2016 07:01:07	11.62	42.17	27.02	9.14	7.93	14.4	2.539	99.7	3.0	0.7
1214	2/8/2016 07:16:07	11.67	42.83	27.49	9.19	7.95	15.6	2.609	100.6	2.3	0.5
1215	2/8/2016 07:31:06	11.69	43.11	27.69	9.25	7.96	15.9	2.688	101.4	2.6	0.6
1216	2/8/2016 07:46:06	11.71	43.43	27.92	9.28	7.97	14.4	2.807	102.0	2.1	0.5
1217	2/8/2016 08:01:06	11.71	43.57	28.02	9.30	7.98	13.6	2.883	102.3	2.1	0.5
1218	2/8/2016 08:16:06	11.72	43.79	28.18	9.31	7.98	15.1	2.956	102.6	2.3	0.5
1219	2/8/2016 08:31:07	11.71	44.16	28.44	9.34	7.99	17.7	3.076	103.0	2.5	0.6
1220	2/8/2016 08:46:07	11.71	44.39	28.60	9.36	8.00	17.2	3.196	103.4	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
1221	2/8/2016 09:01:07	11.70	44.65	28.79	9.39	8.01	18.0	3.264	103.7	2.4	0.6
1222	2/8/2016 09:16:07	11.70	44.94	29.00	9.41	8.02	16.2	3.388	104.1	2.4	0.6
1223	2/8/2016 09:31:06	11.69	45.23	29.20	9.43	8.03	16.1	3.481	104.5	2.7	0.6
1224	2/8/2016 09:46:07	11.69	45.74	29.57	9.47	8.04	18.3	3.569	105.1	2.5	0.6
1225	2/8/2016 10:01:07	11.70	46.28	29.95	9.50	8.05	21.4	3.682	105.8	2.6	0.6
1226	2/8/2016 10:16:07	11.70	46.61	30.19	9.54	8.06	17.6	3.750	106.3	2.6	0.6
1227	2/8/2016 10:31:07	11.72	46.73	30.28	9.56	8.06	14.0	3.840	106.6	2.8	0.7
1228	2/8/2016 10:46:06	11.73	46.81	30.34	9.55	8.07	11.2	3.908	106.7	2.5	0.6
1229	2/8/2016 11:01:07	11.72	46.99	30.47	9.53	8.07	10.5	3.959	106.4	2.2	0.5
1230	2/8/2016 11:16:06	11.73	47.21	30.63	9.48	8.07	9.5	3.976	106.0	2.4	0.6
1231	2/8/2016 11:31:07	11.74	47.22	30.63	9.42	8.07	10.1	4.015	105.3	2.4	0.6
1232	2/8/2016 11:46:07	11.72	47.24	30.65	9.39	8.06	10.3	4.001	105.0	2.4	0.6
1233	2/8/2016 12:01:07	11.75	47.14	30.57	9.40	8.06	10.3	3.961	105.1	1.8	0.4
1234	2/8/2016 12:16:07	11.91	46.42	30.06	9.47	8.06	10.2	3.909	106.0	2.8	0.7
1235	2/8/2016 12:31:06	12.17	45.94	29.73	9.52	8.05	11.3	3.819	106.9	2.5	0.6
1236	2/8/2016 12:46:06	12.28	45.27	29.25	9.45	8.02	10.3	3.699	106.0	2.3	0.6
1237	2/8/2016 13:01:06	12.24	45.18	29.19	9.44	8.02	10.6	3.588	105.7	2.6	0.6
1238	2/8/2016 13:16:06	12.31	44.53	28.73	9.38	8.01	11.6	3.466	104.9	2.5	0.6
1239	2/8/2016 13:31:07	12.32	44.22	28.51	9.35	8.00	14.2	3.329	104.5	2.7	0.6
1240	2/8/2016 13:46:06	12.13	44.04	28.37	9.28	7.99	19.8	3.191	103.2	2.7	0.6
1241	2/8/2016 14:01:06	12.48	43.21	27.79	9.24	7.96	19.5	3.037	103.1	3.0	0.7
1242	2/8/2016 14:16:06	12.40	43.10	27.71	9.21	7.96	19.7	2.926	102.6	2.6	0.6
1243	2/8/2016 14:31:06	12.72	42.84	27.54	9.22	7.96	15.5	2.768	103.3	2.4	0.6
1244	2/8/2016 14:46:06	12.78	42.80	27.51	9.23	7.95	14.5	2.619	103.5	2.0	0.5
1245	2/8/2016 15:01:06	12.91	42.83	27.54	9.22	7.96	15.2	2.478	103.7	1.8	0.4
1246	2/8/2016 15:16:06	12.54	42.59	27.35	9.23	7.95	20.3	2.338	102.9	2.7	0.6
1247	2/8/2016 15:31:07	12.63	42.49	27.28	9.27	7.95	16.8	2.195	103.4	2.3	0.6
1248	2/8/2016 15:46:06	12.51	42.19	27.06	9.25	7.94	17.2	2.045	102.8	2.1	0.5
1249	2/8/2016 16:01:06	12.68	42.13	27.03	9.22	7.94	18.3	1.876	102.8	2.8	0.7
1250	2/8/2016 16:16:07	12.75	41.89	26.86	9.19	7.93	18.8	1.740	102.6	2.4	0.6
1251	2/8/2016 16:31:07	12.72	41.54	26.61	9.13	7.92	17.3	1.598	101.6	2.4	0.6
1252	2/8/2016 16:46:06	12.74	41.32	26.46	9.08	7.91	16.0	1.439	101.1	2.7	0.6
1253	2/8/2016 17:01:06	12.76	41.20	26.38	9.05	7.90	16.6	1.312	100.7	2.7	0.6
1254	2/8/2016 17:16:06	12.78	41.08	26.29	9.06	7.90	15.3	1.222	100.8	2.6	0.6
1255	2/8/2016 17:31:06	12.80	41.02	26.24	9.03	7.90	14.0	1.140	100.5	2.7	0.6
1256	2/8/2016 17:46:06	12.80	40.96	26.21	8.97	7.89	13.9	1.079	99.8	2.6	0.6
1257	2/8/2016 18:01:06	12.78	41.04	26.26	9.06	7.90	13.0	1.105	100.9	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
1258	2/8/2016 18:16:06	12.76	41.15	26.34	9.06	7.90	12.1	1.164	100.8	2.7	0.6
1259	2/8/2016 18:31:06	12.73	41.17	26.35	9.07	7.90	11.6	1.221	100.9	2.3	0.5
1260	2/8/2016 18:46:06	12.71	41.21	26.38	9.08	7.90	10.9	1.329	101.0	2.3	0.5
1261	2/8/2016 19:01:06	12.71	41.06	26.27	9.09	7.90	11.4	1.419	101.0	2.6	0.6
1262	2/8/2016 19:16:06	12.67	40.21	25.67	9.13	7.89	11.5	1.503	101.0	2.5	0.6
1263	2/8/2016 19:31:06	12.68	40.81	26.09	9.09	7.89	11.7	1.616	100.8	2.9	0.7
1264	2/8/2016 19:46:06	12.67	41.08	26.29	9.07	7.89	12.6	1.703	100.7	3.2	0.8
1265	2/8/2016 20:01:06	12.59	40.68	26.00	9.13	7.90	12.1	1.793	101.0	3.4	0.8
1266	2/8/2016 20:16:06	12.54	41.59	26.64	9.11	7.91	11.9	1.868	101.0	2.9	0.7
1267	2/8/2016 20:31:06	12.44	42.27	27.12	9.14	7.93	13.7	2.018	101.5	2.0	0.5
1268	2/8/2016 20:46:06	12.40	42.37	27.19	9.16	7.93	15.3	2.113	101.7	2.7	0.6
1269	2/8/2016 21:01:06	12.39	42.53	27.31	9.21	7.94	14.7	2.241	102.3	3.0	0.7
1270	2/8/2016 21:16:06	12.38	42.74	27.45	9.23	7.94	17.4	2.347	102.6	3.2	0.8
1271	2/8/2016 21:31:06	12.35	42.85	27.53	9.24	7.95	17.0	2.429	102.6	3.3	0.8
1272	2/8/2016 21:46:06	12.31	43.02	27.65	9.24	7.95	19.0	2.575	102.6	3.1	0.7
1273	2/8/2016 22:01:06	12.31	43.16	27.75	9.24	7.96	22.3	2.674	102.7	3.0	0.7
1274	2/8/2016 22:16:06	12.31	43.37	27.90	9.25	7.96	27.5	2.766	103.0	3.0	0.7
1275	2/8/2016 22:31:07	12.30	43.63	28.08	9.28	7.97	29.7	2.883	103.4	3.1	0.7
1276	2/8/2016 22:46:06	12.26	44.39	28.63	9.36	7.99	32.7	2.979	104.5	2.6	0.6
1277	2/8/2016 23:01:06	12.23	45.07	29.11	9.48	8.01	29.6	3.081	106.2	3.2	0.8
1278	2/8/2016 23:16:06	12.21	45.48	29.40	9.52	8.02	28.7	3.200	106.7	3.0	0.7
1279	2/8/2016 23:31:06	12.15	45.89	29.70	9.51	8.03	23.1	3.263	106.7	2.9	0.7
1280	2/8/2016 23:46:06	12.12	46.24	29.95	9.54	8.03	24.4	3.351	107.1	2.8	0.7
1281	2/9/2016 00:01:06	12.06	46.55	30.16	9.58	8.04	20.8	3.431	107.6	2.7	0.6
1282	2/9/2016 00:16:06	12.04	46.81	30.35	9.62	8.05	16.9	3.498	108.1	2.9	0.7
1283	2/9/2016 00:31:06	12.01	47.02	30.50	9.63	8.05	14.6	3.537	108.2	2.6	0.6
1284	2/9/2016 00:46:06	12.00	47.01	30.49	9.61	8.05	10.3	3.561	108.0	2.9	0.7
1285	2/9/2016 01:01:07	12.00	47.10	30.56	9.53	8.05	10.0	3.551	107.2	3.0	0.7
1286	2/9/2016 01:16:06	12.01	46.99	30.48	9.56	8.04	14.5	3.523	107.5	2.7	0.6
1287	2/9/2016 01:31:07	12.03	45.88	29.68	9.44	8.03	13.2	3.484	105.6	2.6	0.6
1288	2/9/2016 01:46:07	12.05	45.90	29.69	9.43	8.02	14.8	3.402	105.5	2.4	0.6
1289	2/9/2016 02:01:06	12.06	44.29	28.54	9.31	7.98	16.0	3.317	103.5	2.6	0.6
1290	2/9/2016 02:16:07	12.07	44.92	29.00	9.33	7.99	18.1	3.217	104.0	2.4	0.6
1291	2/9/2016 02:31:07	12.10	44.41	28.63	9.30	7.99	25.1	3.108	103.5	2.4	0.6
1292	2/9/2016 02:46:07	12.07	44.12	28.42	9.29	7.98	19.4	3.011	103.3	2.8	0.7
1293	2/9/2016 03:01:06	12.09	43.87	28.25	9.26	7.97	18.4	2.909	102.8	2.8	0.7
1294	2/9/2016 03:16:06	12.04	43.38	27.90	9.23	7.96	16.9	2.803	102.2	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
1295	2/9/2016 03:31:07	12.03	43.26	27.81	9.19	7.95	13.1	2.708	101.6	2.2	0.5
1296	2/9/2016 03:46:07	11.97	43.07	27.67	9.18	7.94	12.2	2.617	101.3	2.5	0.6
1297	2/9/2016 04:01:07	11.97	43.14	27.73	9.18	7.94	11.0	2.517	101.3	3.0	0.7
1298	2/9/2016 04:16:07	11.94	43.28	27.82	9.16	7.95	11.0	2.424	101.1	2.3	0.5
1299	2/9/2016 04:31:07	11.96	43.08	27.68	9.12	7.94	11.5	2.360	100.6	2.4	0.6
1300	2/9/2016 04:46:07	11.98	42.74	27.44	9.10	7.93	11.0	2.260	100.3	2.1	0.5
1301	2/9/2016 05:01:07	12.02	42.40	27.20	9.06	7.92	10.3	2.192	99.8	2.3	0.5
1302	2/9/2016 05:16:06	11.94	42.46	27.24	9.03	7.92	9.9	2.137	99.3	2.7	0.6
1303	2/9/2016 05:31:06	12.02	42.07	26.97	9.01	7.91	9.5	2.068	99.1	2.2	0.5
1304	2/9/2016 05:46:07	12.04	41.95	26.88	8.97	7.90	8.7	2.025	98.6	2.6	0.6
1305	2/9/2016 06:01:07	12.06	41.82	26.79	8.92	7.90	8.0	2.020	98.1	2.5	0.6
1306	2/9/2016 06:16:06	12.05	42.03	26.94	8.98	7.90	8.5	2.038	98.8	1.9	0.4
1307	2/9/2016 06:31:07	12.00	42.07	26.96	9.01	7.90	9.0	2.063	99.1	2.1	0.5
1308	2/9/2016 06:46:07	12.01	42.07	26.96	9.01	7.90	8.9	2.103	99.0	2.5	0.6
1309	2/9/2016 07:01:07	12.03	42.22	27.07	9.01	7.91	10.1	2.170	99.2	2.4	0.6
1310	2/9/2016 07:16:06	11.94	41.83	26.79	9.02	7.90	11.1	2.258	98.9	2.3	0.6
1311	2/9/2016 07:31:06	12.02	42.27	27.11	9.04	7.91	13.9	2.352	99.6	2.8	0.7
1312	2/9/2016 07:46:06	12.03	42.57	27.32	9.07	7.92	13.6	2.453	99.9	2.1	0.5
1313	2/9/2016 08:01:06	12.02	43.04	27.65	9.10	7.93	12.4	2.534	100.6	2.1	0.5
1314	2/9/2016 08:16:06	12.06	43.58	28.04	9.17	7.95	14.5	2.616	101.6	2.5	0.6
1315	2/9/2016 08:31:06	12.09	43.95	28.31	9.22	7.96	13.1	2.722	102.4	2.3	0.5
1316	2/9/2016 08:46:07	12.09	44.10	28.41	9.24	7.97	12.7	2.819	102.7	2.2	0.5
1317	2/9/2016 09:01:07	12.08	44.23	28.51	9.25	7.97	14.8	2.905	102.9	1.7	0.4
1318	2/9/2016 09:16:06	12.04	44.65	28.80	9.30	7.98	18.6	3.022	103.5	3.1	0.7
1319	2/9/2016 09:31:06	12.01	44.86	28.95	9.34	7.99	19.4	3.106	103.9	2.4	0.6
1320	2/9/2016 09:46:06	11.98	45.17	29.17	9.37	8.00	18.1	3.215	104.4	2.2	0.5
1321	2/9/2016 10:01:06	11.97	45.41	29.34	9.40	8.00	18.0	3.320	104.8	2.5	0.6
1322	2/9/2016 10:16:07	11.96	45.79	29.61	9.45	8.01	19.0	3.430	105.5	2.7	0.6
1323	2/9/2016 10:31:07	11.91	46.42	30.07	9.51	8.02	22.4	3.537	106.4	2.6	0.6
1324	2/9/2016 10:46:06	11.89	46.66	30.23	9.54	8.03	23.9	3.646	106.8	2.2	0.5
	Mean	11.70	40.60	25.92	9.09	7.97	14.76	2.65	98.58	2.47	0.59
	Minimum	10.35	35.79	22.57	8.28	7.88	5.60	1.08	90.50	1.00	0.20
	Maximum	13.06	47.24	30.65	10.03	8.09	87.40	4.02	109.60	5.10	1.20

sonde #3

Indian Island Long-Term Deployment Water Quality Data

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

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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	2/9/2016 11:41:40	12.00	45.98	29.75	9.34	7.91	13.7	3.987	104.5	2.1	0.5
1	2/9/2016 11:56:39	12.03	46.18	29.90	9.33	7.92	10.0	4.017	104.6	2.2	0.5
2	2/9/2016 12:11:39	12.04	46.41	30.06	9.43	7.92	9.7	4.049	105.8	1.7	0.4
3	2/9/2016 12:26:39	12.05	46.22	29.92	9.23	7.92	10.1	4.047	103.4	2.0	0.5
4	2/9/2016 12:41:39	12.04	46.20	29.91	9.19	7.92	10.9	4.027	103.0	1.5	0.3
5	2/9/2016 12:56:39	12.06	46.11	29.85	9.15	7.92	10.3	3.971	102.5	2.4	0.6
6	2/9/2016 13:11:40	12.11	46.03	29.79	9.10	7.92	12.2	3.886	102.0	1.9	0.5
7	2/9/2016 13:26:39	12.43	44.91	29.01	9.04	7.91	11.4	3.790	101.5	2.6	0.6
8	2/9/2016 13:41:39	12.50	44.61	28.79	9.00	7.90	10.6	3.669	101.1	2.5	0.6
9	2/9/2016 13:56:39	12.44	44.50	28.71	8.97	7.90	14.4	3.546	100.6	2.7	0.6
10	2/9/2016 14:11:40	12.49	43.92	28.29	8.90	7.88	14.3	3.424	99.7	3.1	0.7
11	2/9/2016 14:26:40	12.55	43.53	28.02	8.84	7.87	13.5	3.289	99.0	2.9	0.7
12	2/9/2016 14:41:39	12.59	43.02	27.66	8.81	7.86	17.0	3.150	98.4	3.3	0.8
13	2/9/2016 14:56:40	12.64	43.03	27.67	8.77	7.85	16.6	3.016	98.1	2.8	0.7
14	2/9/2016 15:11:41	12.65	42.80	27.51	8.74	7.85	15.0	2.873	97.7	2.9	0.7
15	2/9/2016 15:26:40	12.70	42.66	27.41	8.75	7.85	15.7	2.738	97.9	2.8	0.7
16	2/9/2016 15:41:41	12.78	42.75	27.47	8.73	7.84	16.2	2.584	97.8	3.0	0.7
17	2/9/2016 15:56:39	12.73	42.35	27.19	8.73	7.84	14.7	2.432	97.6	3.0	0.7
18	2/9/2016 16:11:40	12.75	42.26	27.13	8.70	7.84	15.1	2.274	97.2	2.6	0.6
19	2/9/2016 16:26:40	12.72	41.81	26.80	8.66	7.82	17.0	2.111	96.5	2.8	0.7
20	2/9/2016 16:41:40	12.73	41.90	26.87	8.60	7.82	16.9	1.978	95.9	2.8	0.6
21	2/9/2016 16:56:40	12.82	41.79	26.80	8.62	7.82	17.0	1.806	96.3	2.8	0.7
22	2/9/2016 17:11:40	12.80	41.51	26.60	8.58	7.81	17.3	1.653	95.7	3.1	0.7
23	2/9/2016 17:26:40	12.82	41.40	26.52	8.54	7.81	18.0	1.501	95.2	3.2	0.7
24	2/9/2016 17:41:41	12.82	41.17	26.36	8.50	7.81	20.2	1.370	94.8	3.0	0.7
25	2/9/2016 17:56:40	12.86	41.03	26.25	8.48	7.80	18.9	1.277	94.5	3.6	0.9
26	2/9/2016 18:11:40	12.86	40.99	26.23	8.45	7.80	17.2	1.178	94.1	3.4	0.8
27	2/9/2016 18:26:40	12.86	40.84	26.12	8.34	7.79	16.8	1.131	92.9	3.5	0.8
28	2/9/2016 18:41:40	12.84	40.91	26.17	8.51	7.79	16.4	1.139	94.7	3.2	0.8
29	2/9/2016 18:56:40	12.83	41.15	26.34	8.49	7.79	14.4	1.196	94.6	3.1	0.7
30	2/9/2016 19:11:40	12.81	41.11	26.31	8.49	7.79	13.1	1.269	94.6	2.8	0.7
31	2/9/2016 19:26:40	12.79	41.21	26.38	8.47	7.79	13.1	1.356	94.3	3.0	0.7
32	2/9/2016 19:41:40	12.78	40.90	26.16	8.48	7.79	13.2	1.470	94.3	3.2	0.8
33	2/9/2016 19:56:40	12.76	40.76	26.06	8.49	7.79	13.9	1.563	94.4	3.2	0.7
34	2/9/2016 20:11:40	12.75	40.80	26.09	8.49	7.78	14.4	1.672	94.3	3.1	0.7
35	2/9/2016 20:26:40	12.75	40.84	26.12	8.51	7.79	14.9	1.775	94.5	3.1	0.7
36	2/9/2016 20:41:40	12.70	41.44	26.54	8.52	7.80	17.9	1.877	94.8	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	2/9/2016 20:56:40	12.69	41.48	26.57	8.53	7.80	14.3	1.973	94.9	2.5	0.6
38	2/9/2016 21:11:40	12.65	41.95	26.90	8.54	7.81	13.9	2.082	95.1	3.1	0.7
39	2/9/2016 21:26:40	12.62	42.08	26.99	8.58	7.82	14.5	2.196	95.5	3.1	0.7
40	2/9/2016 21:41:40	12.58	42.46	27.26	8.61	7.83	16.6	2.323	96.0	2.8	0.7
41	2/9/2016 21:56:40	12.58	42.43	27.24	8.62	7.83	14.9	2.422	96.1	2.7	0.6
42	2/9/2016 22:11:40	12.57	42.87	27.55	8.64	7.84	17.5	2.540	96.5	2.7	0.6
43	2/9/2016 22:26:40	12.53	42.87	27.55	8.65	7.84	18.6	2.653	96.5	2.8	0.7
44	2/9/2016 22:41:40	12.52	43.12	27.73	8.65	7.84	25.5	2.761	96.6	3.3	0.8
45	2/9/2016 22:56:39	12.48	43.11	27.72	8.68	7.85	27.3	2.874	96.8	3.1	0.7
46	2/9/2016 23:11:40	12.44	43.66	28.11	8.72	7.86	26.6	2.985	97.4	3.7	0.9
47	2/9/2016 23:26:40	12.32	44.44	28.66	8.81	7.88	25.0	3.106	98.5	3.0	0.7
48	2/9/2016 23:41:40	12.29	44.88	28.97	8.85	7.89	28.0	3.225	99.1	2.9	0.7
49	2/9/2016 23:56:41	12.28	45.21	29.21	8.85	7.90	34.4	3.324	99.2	3.2	0.8
50	2/10/2016 00:11:40	12.24	45.47	29.39	8.87	7.91	36.2	3.430	99.5	3.7	0.9
51	2/10/2016 00:26:40	12.16	45.79	29.62	8.90	7.91	28.8	3.521	99.8	3.2	0.8
52	2/10/2016 00:41:41	12.07	46.19	29.90	8.96	7.92	19.8	3.591	100.5	2.1	0.5
53	2/10/2016 00:56:40	12.04	46.29	29.98	8.98	7.92	18.0	3.656	100.7	2.7	0.6
54	2/10/2016 01:11:40	12.01	46.42	30.07	8.98	7.93	15.1	3.706	100.7	3.0	0.7
55	2/10/2016 01:26:39	11.99	46.51	30.13	8.91	7.93	12.7	3.729	99.9	2.6	0.6
56	2/10/2016 01:41:39	11.98	46.38	30.04	8.88	7.93	8.9	3.754	99.4	2.9	0.7
57	2/10/2016 01:56:40	11.98	46.55	30.16	8.90	7.93	13.9	3.721	99.8	2.2	0.5
58	2/10/2016 02:11:40	12.13	45.29	29.26	8.82	7.91	19.5	3.676	98.6	2.6	0.6
59	2/10/2016 02:26:40	12.09	45.47	29.39	8.79	7.91	15.5	3.601	98.3	2.7	0.6
60	2/10/2016 02:41:40	12.14	44.65	28.81	8.71	7.89	13.7	3.498	97.2	2.5	0.6
61	2/10/2016 02:56:40	12.15	44.48	28.69	8.70	7.88	13.2	3.371	97.0	2.7	0.6
62	2/10/2016 03:11:40	12.23	44.59	28.77	8.67	7.88	31.5	3.271	96.8	3.4	0.8
63	2/10/2016 03:26:40	12.25	43.75	28.17	8.62	7.86	28.1	3.155	95.9	3.2	0.8
64	2/10/2016 03:41:39	12.24	43.73	28.15	8.60	7.86	20.2	3.038	95.8	2.7	0.6
65	2/10/2016 03:56:40	12.20	43.52	28.00	8.59	7.85	18.5	2.917	95.4	2.8	0.7
66	2/10/2016 04:11:40	12.17	42.86	27.53	8.54	7.83	15.4	2.830	94.6	2.6	0.6
67	2/10/2016 04:26:40	12.17	42.97	27.61	8.51	7.83	13.7	2.721	94.3	3.2	0.7
68	2/10/2016 04:41:41	12.17	43.27	27.83	8.54	7.84	13.6	2.602	94.7	3.4	0.8
69	2/10/2016 04:56:40	12.23	42.77	27.47	8.51	7.83	13.5	2.508	94.3	2.8	0.7
70	2/10/2016 05:11:40	12.22	42.62	27.37	8.48	7.82	12.2	2.403	93.9	2.9	0.7
71	2/10/2016 05:26:39	12.11	42.70	27.42	8.49	7.82	12.2	2.307	93.8	2.5	0.6
72	2/10/2016 05:41:40	12.20	42.39	27.19	8.43	7.81	12.6	2.215	93.1	3.0	0.7
73	2/10/2016 05:56:40	12.22	42.17	27.04	8.39	7.80	11.9	2.133	92.7	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	2/10/2016 06:11:40	12.20	42.03	26.95	8.36	7.80	12.1	2.056	92.3	3.0	0.7
75	2/10/2016 06:26:40	12.25	41.86	26.83	8.33	7.79	11.3	2.002	91.9	2.3	0.5
76	2/10/2016 06:41:40	12.24	41.80	26.78	8.28	7.78	10.5	1.967	91.4	2.8	0.7
77	2/10/2016 06:56:40	12.30	41.64	26.67	8.23	7.78	9.4	1.955	90.8	2.5	0.6
78	2/10/2016 07:11:40	12.26	41.77	26.76	8.33	7.78	9.9	1.967	92.0	2.7	0.6
79	2/10/2016 07:26:40	12.27	41.82	26.80	8.36	7.78	9.8	2.000	92.3	2.3	0.5
80	2/10/2016 07:41:40	12.30	41.84	26.81	8.38	7.79	9.8	2.058	92.6	2.6	0.6
81	2/10/2016 07:56:40	12.29	41.74	26.74	8.39	7.79	9.8	2.123	92.7	2.1	0.5
82	2/10/2016 08:11:40	12.16	41.54	26.60	8.36	7.78	11.1	2.220	92.0	2.6	0.6
83	2/10/2016 08:26:40	12.20	41.81	26.79	8.40	7.79	11.1	2.316	92.6	2.0	0.5
84	2/10/2016 08:41:40	12.24	42.15	27.03	8.41	7.80	12.7	2.418	93.0	2.3	0.5
85	2/10/2016 08:56:40	12.24	42.70	27.42	8.45	7.81	13.4	2.511	93.6	2.1	0.5
86	2/10/2016 09:11:40	12.24	42.94	27.59	8.51	7.83	13.6	2.610	94.4	2.0	0.5
87	2/10/2016 09:26:40	12.26	43.34	27.88	8.55	7.84	12.8	2.703	95.1	2.2	0.5
88	2/10/2016 09:41:41	12.27	43.43	27.94	8.57	7.84	12.7	2.799	95.4	2.7	0.6
89	2/10/2016 09:56:40	12.27	43.53	28.01	8.58	7.84	12.9	2.895	95.5	2.5	0.6
90	2/10/2016 10:11:40	12.24	43.86	28.25	8.60	7.85	15.8	2.989	95.7	2.4	0.6
91	2/10/2016 10:26:40	12.23	44.10	28.42	8.61	7.86	17.4	3.091	95.9	2.0	0.5
92	2/10/2016 10:41:40	12.20	44.30	28.56	8.63	7.86	21.4	3.184	96.2	2.7	0.6
93	2/10/2016 10:56:41	12.14	44.51	28.71	8.68	7.87	21.9	3.293	96.7	2.5	0.6
94	2/10/2016 11:11:40	12.11	44.86	28.95	8.70	7.88	20.8	3.400	97.1	2.5	0.6
95	2/10/2016 11:26:40	12.07	45.10	29.12	8.74	7.89	21.6	3.500	97.5	2.1	0.5
96	2/10/2016 11:41:40	11.98	45.86	29.66	8.75	7.90	27.5	3.602	97.8	2.6	0.6
97	2/10/2016 11:56:40	11.97	46.07	29.82	8.76	7.91	22.2	3.692	97.9	2.5	0.6
98	2/10/2016 12:11:40	11.95	46.19	29.90	8.75	7.91	20.6	3.775	97.8	2.3	0.5
99	2/10/2016 12:26:40	11.97	46.33	30.00	8.75	7.91	16.1	3.847	97.9	2.3	0.6
100	2/10/2016 12:41:40	11.99	46.33	30.01	8.73	7.91	13.1	3.885	97.8	2.1	0.5
101	2/10/2016 12:56:40	11.99	46.34	30.01	8.72	7.91	10.8	3.918	97.6	2.2	0.5
102	2/10/2016 13:11:40	11.99	46.27	29.96	8.58	7.91	7.2	3.935	96.1	2.5	0.6
103	2/10/2016 13:26:40	11.99	46.21	29.92	8.64	7.91	10.6	3.909	96.7	2.0	0.5
104	2/10/2016 13:41:40	12.03	46.26	29.95	8.69	7.91	13.6	3.851	97.3	2.3	0.5
105	2/10/2016 13:56:41	12.52	45.29	29.28	8.75	7.90	11.7	3.798	98.7	2.5	0.6
106	2/10/2016 14:11:41	12.65	45.08	29.13	8.72	7.89	10.3	3.715	98.5	2.1	0.5
107	2/10/2016 14:26:40	12.71	44.84	28.96	8.69	7.88	10.1	3.562	98.2	2.0	0.5
108	2/10/2016 14:41:41	12.66	44.67	28.84	8.64	7.88	11.1	3.455	97.5	2.4	0.6
109	2/10/2016 14:56:40	12.70	44.26	28.55	8.66	7.87	15.0	3.333	97.6	2.6	0.6
110	2/10/2016 15:11:40	12.75	43.78	28.21	8.62	7.86	16.1	3.204	97.0	2.8	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	2/10/2016 15:26:41	12.82	43.77	28.20	8.55	7.85	19.3	3.065	96.4	2.6	0.6
112	2/10/2016 15:41:40	12.96	43.44	27.97	8.58	7.85	14.8	2.947	96.8	2.7	0.6
113	2/10/2016 15:56:40	13.02	43.40	27.94	8.57	7.85	14.8	2.818	96.9	2.5	0.6
114	2/10/2016 16:11:40	12.92	43.80	28.22	8.63	7.86	13.9	2.665	97.5	3.0	0.7
115	2/10/2016 16:26:41	12.89	43.46	27.98	8.60	7.85	15.4	2.536	96.9	3.1	0.7
116	2/10/2016 16:41:40	12.89	43.31	27.88	8.58	7.85	14.8	2.395	96.7	3.2	0.8
117	2/10/2016 16:56:40	12.91	43.00	27.65	8.52	7.83	14.7	2.235	95.9	3.2	0.7
118	2/10/2016 17:11:41	12.87	42.91	27.59	8.48	7.82	16.2	2.094	95.3	3.3	0.8
119	2/10/2016 17:26:40	12.84	42.27	27.13	8.45	7.81	18.1	1.952	94.7	3.0	0.7
120	2/10/2016 17:41:40	12.88	42.10	27.01	8.46	7.81	18.0	1.800	94.7	3.2	0.8
121	2/10/2016 17:56:40	12.89	41.93	26.90	8.40	7.80	18.3	1.662	94.1	3.2	0.8
122	2/10/2016 18:11:40	12.92	41.80	26.80	8.37	7.79	18.9	1.546	93.8	3.2	0.7
123	2/10/2016 18:26:40	12.94	41.72	26.74	8.37	7.79	17.8	1.434	93.7	3.6	0.8
124	2/10/2016 18:41:40	12.95	41.73	26.76	8.32	7.78	17.2	1.336	93.2	3.7	0.9
125	2/10/2016 18:56:40	12.95	41.56	26.64	8.29	7.78	15.9	1.266	92.8	3.8	0.9
126	2/10/2016 19:11:40	12.94	41.53	26.61	8.30	7.77	14.4	1.245	92.8	3.0	0.7
127	2/10/2016 19:26:40	12.92	41.70	26.73	8.36	7.78	14.4	1.279	93.5	3.4	0.8
128	2/10/2016 19:41:40	12.93	41.64	26.69	8.36	7.78	13.3	1.320	93.5	2.6	0.6
129	2/10/2016 19:56:40	12.93	41.67	26.71	8.37	7.78	12.2	1.415	93.7	3.2	0.7
130	2/10/2016 20:11:40	12.89	41.50	26.59	8.39	7.78	13.2	1.502	93.7	3.3	0.8
131	2/10/2016 20:26:41	12.88	41.65	26.70	8.37	7.77	13.4	1.604	93.6	3.2	0.7
132	2/10/2016 20:41:40	12.86	41.26	26.42	8.39	7.77	13.9	1.709	93.6	3.4	0.8
133	2/10/2016 20:56:40	12.85	41.38	26.50	8.38	7.77	13.4	1.812	93.5	3.3	0.8
134	2/10/2016 21:11:40	12.84	41.70	26.73	8.38	7.78	17.5	1.912	93.6	3.1	0.7
135	2/10/2016 21:26:40	12.82	41.95	26.90	8.38	7.79	14.8	2.014	93.7	2.9	0.7
136	2/10/2016 21:41:40	12.77	42.36	27.19	8.39	7.80	12.9	2.126	93.9	2.6	0.6
137	2/10/2016 21:56:40	12.72	42.75	27.47	8.45	7.81	14.5	2.238	94.6	3.0	0.7
138	2/10/2016 22:11:40	12.69	42.92	27.59	8.48	7.82	13.1	2.346	94.9	2.6	0.6
139	2/10/2016 22:26:41	12.68	43.11	27.72	8.49	7.82	13.3	2.462	95.2	2.9	0.7
140	2/10/2016 22:41:40	12.68	43.21	27.79	8.50	7.82	15.2	2.567	95.3	3.1	0.7
141	2/10/2016 22:56:40	12.66	43.38	27.92	8.52	7.83	17.7	2.667	95.5	2.9	0.7
142	2/10/2016 23:11:41	12.65	43.62	28.09	8.52	7.83	18.8	2.777	95.6	3.3	0.8
143	2/10/2016 23:26:40	12.62	43.55	28.04	8.55	7.84	21.7	2.885	95.9	2.7	0.6
144	2/10/2016 23:41:40	12.58	44.02	28.37	8.57	7.85	22.8	2.989	96.2	3.1	0.7
145	2/10/2016 23:56:41	12.43	44.79	28.92	8.69	7.88	22.8	3.110	97.6	2.8	0.7
146	2/11/2016 00:11:41	12.38	45.33	29.30	8.75	7.89	22.5	3.212	98.4	3.0	0.7
147	2/11/2016 00:26:41	12.34	45.52	29.44	8.75	7.90	28.1	3.328	98.4	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	2/11/2016 00:41:41	12.28	45.82	29.65	8.76	7.90	25.1	3.451	98.5	3.0	0.7
149	2/11/2016 00:56:40	12.21	46.09	29.84	8.80	7.92	19.5	3.551	99.0	2.8	0.7
150	2/11/2016 01:11:40	12.16	46.36	30.03	8.83	7.92	16.7	3.633	99.3	2.9	0.7
151	2/11/2016 01:26:40	12.13	46.59	30.19	8.83	7.93	12.0	3.716	99.3	2.4	0.6
152	2/11/2016 01:41:40	12.12	46.60	30.20	8.77	7.93	11.7	3.784	98.7	2.8	0.7
153	2/11/2016 01:56:40	12.10	46.70	30.27	8.75	7.93	9.0	3.811	98.5	3.0	0.7
154	2/11/2016 02:11:40	12.10	46.71	30.28	8.65	7.93	6.7	3.839	97.3	2.7	0.6
155	2/11/2016 02:26:41	12.12	46.63	30.23	8.72	7.93	11.0	3.821	98.1	3.0	0.7
156	2/11/2016 02:41:41	12.13	46.54	30.16	8.71	7.92	11.9	3.773	98.0	2.3	0.5
157	2/11/2016 02:56:40	12.23	45.42	29.36	8.66	7.90	12.8	3.721	97.2	3.0	0.7
158	2/11/2016 03:11:40	12.25	45.21	29.21	8.66	7.89	10.9	3.614	97.1	2.3	0.5
159	2/11/2016 03:26:40	12.30	45.05	29.10	8.58	7.88	10.9	3.518	96.2	2.6	0.6
160	2/11/2016 03:41:41	12.31	44.92	29.00	8.56	7.88	11.9	3.414	95.9	2.2	0.5
161	2/11/2016 03:56:40	12.39	44.66	28.82	8.51	7.87	20.1	3.279	95.4	3.4	0.8
162	2/11/2016 04:11:41	12.44	44.09	28.42	8.44	7.85	18.4	3.167	94.5	3.0	0.7
163	2/11/2016 04:26:40	12.43	44.06	28.39	8.44	7.85	15.9	3.060	94.5	2.6	0.6
164	2/11/2016 04:41:40	12.42	44.02	28.36	8.44	7.84	14.6	2.947	94.4	3.0	0.7
165	2/11/2016 04:56:40	12.44	43.69	28.13	8.39	7.83	13.0	2.832	93.8	2.8	0.7
166	2/11/2016 05:11:41	12.40	44.03	28.38	8.40	7.84	12.1	2.724	94.0	3.0	0.7
167	2/11/2016 05:26:40	12.38	44.02	28.37	8.42	7.84	12.0	2.614	94.2	2.3	0.5
168	2/11/2016 05:41:40	12.35	44.12	28.44	8.37	7.84	11.9	2.525	93.6	3.1	0.7
169	2/11/2016 05:56:40	12.40	43.74	28.16	8.35	7.83	11.3	2.424	93.2	2.8	0.7
170	2/11/2016 06:11:40	12.43	43.35	27.89	8.29	7.81	11.1	2.300	92.5	2.6	0.6
171	2/11/2016 06:26:40	12.44	43.11	27.71	8.26	7.81	11.1	2.208	92.1	2.4	0.6
172	2/11/2016 06:41:40	12.43	43.03	27.66	8.23	7.80	11.3	2.101	91.7	2.9	0.7
173	2/11/2016 06:56:40	12.47	42.70	27.43	8.20	7.79	11.4	2.044	91.3	2.9	0.7
174	2/11/2016 07:11:40	12.50	42.40	27.22	8.17	7.78	11.7	1.950	91.0	2.7	0.6
175	2/11/2016 07:26:40	12.48	42.31	27.15	8.15	7.78	11.7	1.906	90.7	2.4	0.6
176	2/11/2016 07:41:41	12.52	42.23	27.10	8.04	7.77	10.4	1.900	89.4	2.8	0.7
177	2/11/2016 07:56:40	12.53	42.23	27.09	8.13	7.77	9.7	1.872	90.5	2.5	0.6
178	2/11/2016 08:11:40	12.53	42.27	27.13	8.19	7.77	10.4	1.936	91.1	2.7	0.6
179	2/11/2016 08:26:40	12.55	42.43	27.24	8.18	7.78	10.0	1.976	91.2	2.1	0.5
180	2/11/2016 08:41:41	12.55	42.46	27.26	8.20	7.78	9.3	2.090	91.4	2.4	0.6
181	2/11/2016 08:56:41	12.46	42.05	26.97	8.19	7.76	10.8	2.132	90.9	2.4	0.6
182	2/11/2016 09:11:41	12.48	42.38	27.20	8.21	7.78	11.3	2.253	91.3	2.4	0.6
183	2/11/2016 09:26:41	12.51	42.68	27.41	8.22	7.78	11.5	2.328	91.6	2.2	0.5
184	2/11/2016 09:41:40	12.50	42.91	27.58	8.26	7.80	12.6	2.433	92.1	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	2/11/2016 09:56:40	12.48	43.31	27.86	8.31	7.81	12.2	2.509	92.8	2.3	0.5
186	2/11/2016 10:11:40	12.48	43.49	27.99	8.38	7.82	11.7	2.590	93.6	2.2	0.5
187	2/11/2016 10:26:41	12.50	43.80	28.21	8.42	7.83	10.8	2.701	94.3	2.8	0.7
188	2/11/2016 10:41:41	12.50	43.89	28.28	8.44	7.83	10.9	2.759	94.6	2.5	0.6
189	2/11/2016 10:56:40	12.51	43.97	28.34	8.44	7.84	10.9	2.857	94.6	2.9	0.7
190	2/11/2016 11:11:40	12.49	44.15	28.46	8.45	7.85	12.8	2.981	94.8	2.3	0.5
191	2/11/2016 11:26:41	12.48	44.28	28.55	8.47	7.85	12.8	3.064	95.0	2.5	0.6
192	2/11/2016 11:41:40	12.44	44.44	28.67	8.50	7.86	16.3	3.147	95.3	2.3	0.5
193	2/11/2016 11:56:40	12.41	44.94	29.02	8.54	7.87	17.7	3.208	96.0	2.6	0.6
194	2/11/2016 12:11:40	12.38	45.10	29.13	8.57	7.88	17.4	3.344	96.3	2.4	0.6
195	2/11/2016 12:26:40	12.29	45.61	29.50	8.60	7.89	21.2	3.482	96.6	3.0	0.7
196	2/11/2016 12:41:40	12.26	46.10	29.85	8.61	7.90	20.3	3.511	96.9	3.1	0.7
197	2/11/2016 12:56:40	12.25	46.35	30.03	8.58	7.91	18.8	3.625	96.7	2.9	0.7
198	2/11/2016 13:11:40	12.24	46.48	30.12	8.60	7.91	16.2	3.725	96.9	3.6	0.8
199	2/11/2016 13:26:40	12.24	46.56	30.18	8.58	7.91	12.6	3.744	96.8	2.0	0.5
200	2/11/2016 13:41:40	12.24	46.49	30.13	8.54	7.91	10.7	3.757	96.3	2.8	0.7
201	2/11/2016 13:56:40	12.27	46.39	30.06	8.49	7.91	9.8	3.810	95.7	2.7	0.6
202	2/11/2016 14:11:41	12.26	46.46	30.11	8.44	7.90	9.1	3.776	95.1	2.2	0.5
203	2/11/2016 14:26:41	12.28	46.49	30.13	8.50	7.91	15.3	3.738	95.9	2.2	0.5
204	2/11/2016 14:41:40	12.43	46.19	29.92	8.54	7.90	12.6	3.702	96.5	2.9	0.7
205	2/11/2016 14:56:40	12.43	46.03	29.80	8.52	7.90	11.6	3.628	96.2	2.1	0.5
206	2/11/2016 15:11:40	12.78	45.57	29.49	8.57	7.90	10.7	3.539	97.3	2.6	0.6
207	2/11/2016 15:26:41	12.89	45.06	29.13	8.57	7.89	10.3	3.433	97.3	3.0	0.7
208	2/11/2016 15:41:40	12.87	44.99	29.08	8.55	7.88	10.9	3.318	97.0	2.9	0.7
209	2/11/2016 15:56:40	13.07	44.50	28.73	8.52	7.87	10.4	3.193	96.8	2.8	0.7
210	2/11/2016 16:11:41	13.20	44.40	28.66	8.51	7.86	11.3	3.082	97.0	2.7	0.6
211	2/11/2016 16:26:41	13.14	43.86	28.28	8.44	7.85	11.1	2.982	95.9	2.9	0.7
212	2/11/2016 16:41:40	13.20	43.80	28.23	8.47	7.85	12.4	2.847	96.2	3.2	0.8
213	2/11/2016 16:56:41	13.11	44.16	28.49	8.51	7.86	10.9	2.721	96.7	3.2	0.8
214	2/11/2016 17:11:40	13.03	43.88	28.29	8.47	7.85	11.3	2.595	96.0	2.6	0.6
215	2/11/2016 17:26:41	13.13	43.28	27.86	8.41	7.83	12.5	2.464	95.2	3.2	0.7
216	2/11/2016 17:41:41	13.04	43.49	28.01	8.41	7.84	11.4	2.314	95.2	3.1	0.7
217	2/11/2016 17:56:41	13.03	43.37	27.92	8.37	7.83	13.7	2.206	94.6	3.4	0.8
218	2/11/2016 18:11:40	13.06	43.15	27.77	8.35	7.83	13.5	2.058	94.3	3.4	0.8
219	2/11/2016 18:26:41	13.20	42.75	27.48	8.26	7.80	16.0	1.950	93.5	3.5	0.8
220	2/11/2016 18:41:41	13.21	42.68	27.44	8.27	7.80	17.3	1.826	93.5	3.8	0.9
221	2/11/2016 18:56:41	13.24	42.61	27.38	8.25	7.80	16.6	1.700	93.3	3.3	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	2/11/2016 19:11:41	13.32	42.32	27.18	8.23	7.79	15.2	1.618	93.2	3.7	0.9
223	2/11/2016 19:26:40	13.36	42.28	27.15	8.20	7.79	13.7	1.546	92.9	3.0	0.7
224	2/11/2016 19:41:41	13.36	42.22	27.11	8.19	7.78	13.3	1.441	92.7	3.3	0.8
225	2/11/2016 19:56:40	13.38	42.16	27.07	8.08	7.78	9.5	1.440	91.5	4.0	0.9
226	2/11/2016 20:11:40	13.36	42.16	27.07	8.22	7.78	10.9	1.439	93.1	4.2	1.0
227	2/11/2016 20:26:41	13.35	42.25	27.13	8.25	7.79	10.1	1.504	93.4	2.9	0.7
228	2/11/2016 20:41:41	13.35	42.25	27.13	8.26	7.79	9.8	1.516	93.5	3.4	0.8
229	2/11/2016 20:56:41	13.34	42.29	27.16	8.24	7.79	10.4	1.610	93.3	3.5	0.8
230	2/11/2016 21:11:40	13.37	41.96	26.93	8.26	7.78	11.0	1.710	93.4	3.3	0.8
231	2/11/2016 21:26:41	13.36	41.90	26.88	8.25	7.78	10.4	1.805	93.3	3.1	0.7
232	2/11/2016 21:41:41	13.36	41.83	26.83	8.25	7.78	11.0	1.909	93.3	3.4	0.8
233	2/11/2016 21:56:40	13.35	42.03	26.98	8.25	7.78	12.2	2.020	93.3	3.5	0.8
234	2/11/2016 22:11:40	13.30	42.12	27.04	8.26	7.79	11.9	2.128	93.4	3.5	0.8
235	2/11/2016 22:26:40	13.15	42.88	27.58	8.27	7.81	12.0	2.201	93.5	3.2	0.7
236	2/11/2016 22:41:41	13.07	43.23	27.82	8.34	7.83	12.4	2.342	94.3	3.0	0.7
237	2/11/2016 22:56:40	13.02	43.34	27.90	8.36	7.84	11.7	2.465	94.5	3.2	0.8
238	2/11/2016 23:11:40	13.01	43.41	27.95	8.37	7.84	12.5	2.566	94.5	2.6	0.6
239	2/11/2016 23:26:40	13.01	43.51	28.02	8.38	7.85	14.6	2.680	94.7	3.4	0.8
240	2/11/2016 23:41:40	12.97	43.76	28.20	8.37	7.86	16.1	2.783	94.7	2.7	0.6
241	2/11/2016 23:56:41	12.94	44.00	28.37	8.39	7.87	17.8	2.927	94.9	3.3	0.8
242	2/12/2016 00:11:41	12.87	44.35	28.62	8.42	7.88	20.1	2.990	95.2	3.1	0.7
243	2/12/2016 00:26:40	12.83	44.42	28.67	8.47	7.89	19.7	3.089	95.7	2.9	0.7
244	2/12/2016 00:41:41	12.65	45.49	29.43	8.69	7.91	22.5	3.229	98.4	3.3	0.8
245	2/12/2016 00:56:41	12.59	45.89	29.71	8.79	7.93	21.9	3.318	99.6	2.8	0.7
246	2/12/2016 01:11:41	12.46	46.27	29.98	8.84	7.94	20.8	3.404	100.0	2.7	0.6
247	2/12/2016 01:26:41	12.38	46.47	30.12	8.86	7.95	20.8	3.541	100.1	2.9	0.7
248	2/12/2016 01:41:41	12.30	46.70	30.28	8.85	7.95	18.3	3.657	100.0	2.9	0.7
249	2/12/2016 01:56:41	12.24	46.74	30.31	8.87	7.95	15.5	3.742	100.0	3.1	0.7
250	2/12/2016 02:11:40	12.20	46.85	30.39	8.88	7.96	13.7	3.818	100.1	3.1	0.7
251	2/12/2016 02:26:40	12.17	46.87	30.40	8.83	7.96	11.2	3.877	99.5	2.7	0.6
252	2/12/2016 02:41:40	12.15	46.94	30.45	8.83	7.96	9.2	3.880	99.5	3.3	0.8
253	2/12/2016 02:56:40	12.19	46.83	30.37	8.81	7.96	10.6	3.944	99.4	2.8	0.7
254	2/12/2016 03:11:41	12.17	46.94	30.45	8.80	7.96	11.1	3.870	99.2	2.8	0.7
255	2/12/2016 03:26:40	12.42	45.87	29.69	8.63	7.93	14.0	3.848	97.4	2.8	0.7
256	2/12/2016 03:41:41	12.40	45.80	29.64	8.62	7.93	10.7	3.765	97.2	2.6	0.6
257	2/12/2016 03:56:40	12.42	45.48	29.41	8.59	7.92	10.4	3.722	96.7	3.1	0.7
258	2/12/2016 04:11:40	12.51	44.52	28.73	8.46	7.89	10.6	3.591	95.0	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	2/12/2016 04:26:41	12.54	45.23	29.23	8.45	7.90	11.1	3.480	95.2	2.5	0.6
260	2/12/2016 04:41:40	12.63	44.76	28.90	8.38	7.89	15.0	3.352	94.5	2.7	0.6
261	2/12/2016 04:56:41	12.68	44.25	28.54	8.31	7.88	14.9	3.221	93.5	2.8	0.7
262	2/12/2016 05:11:40	12.69	44.06	28.40	8.32	7.88	15.3	3.093	93.6	2.6	0.6
263	2/12/2016 05:26:40	12.69	44.10	28.43	8.30	7.88	13.3	3.011	93.4	3.1	0.7
264	2/12/2016 05:41:40	12.69	43.65	28.11	8.23	7.86	11.8	2.886	92.4	2.5	0.6
265	2/12/2016 05:56:41	12.71	43.83	28.24	8.24	7.87	11.4	2.776	92.7	2.8	0.7
266	2/12/2016 06:11:41	12.74	43.72	28.16	8.21	7.86	11.4	2.679	92.3	2.7	0.6
267	2/12/2016 06:26:41	12.65	44.05	28.39	8.25	7.87	11.7	2.558	92.8	2.3	0.5
268	2/12/2016 06:41:40	12.77	43.37	27.91	8.16	7.85	11.7	2.439	91.7	2.7	0.6
269	2/12/2016 06:56:41	12.71	43.52	28.02	8.13	7.85	11.6	2.348	91.3	2.7	0.6
270	2/12/2016 07:11:40	12.69	43.51	28.01	8.14	7.85	11.0	2.243	91.4	3.0	0.7
271	2/12/2016 07:26:40	12.83	43.07	27.70	8.08	7.84	11.7	2.166	90.8	2.5	0.6
272	2/12/2016 07:41:41	12.80	43.12	27.74	8.06	7.83	11.2	2.049	90.6	2.8	0.7
273	2/12/2016 07:56:41	12.77	43.11	27.73	8.05	7.83	10.9	1.953	90.4	2.7	0.6
274	2/12/2016 08:11:41	12.84	42.85	27.54	8.02	7.82	11.9	1.932	90.1	2.6	0.6
275	2/12/2016 08:26:41	12.88	42.67	27.42	7.99	7.82	10.5	1.895	89.8	2.7	0.6
276	2/12/2016 08:41:40	12.90	42.52	27.31	7.92	7.81	8.7	1.880	88.9	2.5	0.6
277	2/12/2016 08:56:40	12.91	42.59	27.36	8.04	7.81	9.2	1.869	90.3	2.2	0.5
278	2/12/2016 09:11:40	12.91	42.56	27.34	8.06	7.81	9.4	1.864	90.6	3.1	0.7
279	2/12/2016 09:26:41	12.94	42.86	27.55	8.06	7.81	9.8	1.927	90.7	2.1	0.5
280	2/12/2016 09:41:41	12.97	42.69	27.44	8.10	7.82	8.5	2.008	91.1	2.0	0.5
281	2/12/2016 09:56:40	12.92	42.56	27.34	8.05	7.81	9.7	2.066	90.4	2.9	0.7
282	2/12/2016 10:11:40	12.91	42.40	27.23	8.05	7.81	9.8	2.172	90.4	2.7	0.6
283	2/12/2016 10:26:41	12.88	42.90	27.58	8.08	7.82	11.1	2.314	90.9	2.8	0.7
284	2/12/2016 10:41:41	12.84	43.17	27.78	8.11	7.83	11.2	2.375	91.3	2.5	0.6
285	2/12/2016 10:56:41	12.79	43.49	28.00	8.18	7.84	10.6	2.442	92.0	2.1	0.5
286	2/12/2016 11:11:41	12.79	43.84	28.25	8.25	7.86	11.5	2.536	92.9	2.8	0.7
287	2/12/2016 11:26:41	12.80	43.92	28.31	8.32	7.87	10.4	2.628	93.8	2.8	0.7
288	2/12/2016 11:41:41	12.80	44.06	28.40	8.33	7.88	9.4	2.702	94.0	2.5	0.6
289	2/12/2016 11:56:41	12.81	44.29	28.57	8.35	7.88	9.5	2.803	94.3	2.7	0.6
290	2/12/2016 12:11:40	12.78	44.32	28.59	8.34	7.88	10.7	2.892	94.2	2.5	0.6
291	2/12/2016 12:26:40	12.74	44.41	28.65	8.37	7.89	11.7	2.972	94.4	2.2	0.5
292	2/12/2016 12:41:40	12.71	44.49	28.71	8.37	7.89	12.0	3.064	94.5	2.6	0.6
293	2/12/2016 12:56:40	12.67	44.85	28.97	8.42	7.90	15.3	3.144	95.0	2.0	0.5
294	2/12/2016 13:11:40	12.65	44.95	29.04	8.49	7.91	13.7	3.229	95.9	2.2	0.5
295	2/12/2016 13:26:40	12.64	45.09	29.14	8.51	7.91	12.6	3.307	96.2	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	2/12/2016 13:41:40	12.53	45.59	29.49	8.59	7.92	13.3	3.407	97.0	2.6	0.6
297	2/12/2016 13:56:40	12.48	45.77	29.62	8.69	7.93	13.3	3.473	98.1	2.8	0.7
298	2/12/2016 14:11:41	12.44	46.02	29.80	8.73	7.93	11.9	3.522	98.6	2.9	0.7
299	2/12/2016 14:26:41	12.41	46.21	29.93	8.77	7.94	10.9	3.559	99.1	2.6	0.6
300	2/12/2016 14:41:40	12.41	46.19	29.92	8.78	7.94	8.8	3.597	99.2	3.2	0.7
301	2/12/2016 14:56:41	12.41	46.21	29.93	8.65	7.94	7.8	3.606	97.8	2.0	0.5
302	2/12/2016 15:11:41	12.42	46.26	29.97	8.70	7.94	9.0	3.573	98.4	2.2	0.5
303	2/12/2016 15:26:41	12.45	46.17	29.91	8.66	7.94	9.5	3.497	97.9	2.4	0.6
304	2/12/2016 15:41:41	12.97	44.72	28.88	8.47	7.91	10.4	3.469	96.2	2.7	0.6
305	2/12/2016 15:56:41	12.99	44.70	28.87	8.47	7.91	9.5	3.382	96.2	2.4	0.6
306	2/12/2016 16:11:40	12.96	44.94	29.04	8.54	7.91	9.3	3.307	97.0	3.1	0.7
307	2/12/2016 16:26:41	13.00	44.54	28.75	8.47	7.90	9.0	3.223	96.1	2.9	0.7
308	2/12/2016 16:41:41	13.13	44.22	28.53	8.37	7.88	12.2	3.117	95.1	2.9	0.7
309	2/12/2016 16:56:40	13.04	44.08	28.43	8.35	7.88	12.8	3.027	94.7	3.1	0.7
310	2/12/2016 17:11:41	13.05	44.19	28.51	8.32	7.88	13.8	2.915	94.5	3.6	0.8
311	2/12/2016 17:26:40	13.05	44.25	28.55	8.33	7.88	10.0	2.764	94.6	3.3	0.8
312	2/12/2016 17:41:40	13.02	44.10	28.44	8.33	7.88	9.6	2.689	94.4	3.5	0.8
313	2/12/2016 17:56:41	13.04	43.92	28.31	8.30	7.87	9.0	2.579	94.1	3.1	0.7
314	2/12/2016 18:11:40	12.93	44.17	28.49	8.31	7.88	8.6	2.474	94.0	3.2	0.8
315	2/12/2016 18:26:41	13.02	43.69	28.15	8.26	7.87	11.0	2.372	93.5	3.0	0.7
316	2/12/2016 18:41:41	13.06	43.51	28.02	8.23	7.86	10.3	2.255	93.1	3.5	0.8
317	2/12/2016 18:56:40	13.09	43.34	27.91	8.22	7.85	10.5	2.155	93.0	3.5	0.8
318	2/12/2016 19:11:41	13.10	43.25	27.84	8.20	7.85	11.4	2.039	92.7	3.7	0.9
319	2/12/2016 19:26:40	13.10	43.15	27.77	8.17	7.85	11.7	1.971	92.4	3.4	0.8
320	2/12/2016 19:41:40	13.17	42.99	27.66	8.16	7.84	12.8	1.849	92.4	3.7	0.9
321	2/12/2016 19:56:41	13.21	42.87	27.57	8.15	7.84	13.0	1.780	92.2	4.0	0.9
322	2/12/2016 20:11:41	13.25	42.77	27.50	8.12	7.83	12.5	1.715	91.9	4.0	0.9
323	2/12/2016 20:26:41	13.30	42.65	27.42	8.08	7.83	10.4	1.688	91.5	3.6	0.9
324	2/12/2016 20:41:41	13.32	42.54	27.34	8.06	7.82	8.7	1.667	91.3	4.6	1.1
325	2/12/2016 20:56:40	13.30	42.50	27.31	8.18	7.82	9.6	1.674	92.6	3.7	0.9
326	2/12/2016 21:11:41	13.28	42.69	27.44	8.17	7.82	9.3	1.700	92.5	3.9	0.9
327	2/12/2016 21:26:41	13.28	42.70	27.45	8.17	7.82	8.4	1.760	92.5	2.9	0.7
328	2/12/2016 21:41:40	13.27	42.76	27.50	8.15	7.81	8.6	1.848	92.3	3.8	0.9
329	2/12/2016 21:56:41	13.25	42.52	27.33	8.15	7.80	8.7	1.927	92.2	3.3	0.8
330	2/12/2016 22:11:40	13.25	42.52	27.32	8.14	7.80	8.5	2.032	92.1	3.4	0.8
331	2/12/2016 22:26:40	13.23	42.48	27.29	8.13	7.80	9.1	2.081	92.0	3.1	0.7
332	2/12/2016 22:41:40	13.21	42.60	27.38	8.15	7.80	8.7	2.191	92.1	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	2/12/2016 22:56:40	13.16	42.90	27.59	8.16	7.81	9.1	2.303	92.3	3.4	0.8
334	2/12/2016 23:11:41	13.08	43.24	27.83	8.20	7.82	8.6	2.394	92.7	3.3	0.8
335	2/12/2016 23:26:40	13.02	43.57	28.07	8.25	7.84	9.7	2.515	93.2	3.1	0.7
336	2/12/2016 23:41:41	12.98	43.80	28.23	8.27	7.85	9.2	2.609	93.5	3.1	0.7
337	2/12/2016 23:56:40	12.97	43.94	28.32	8.30	7.85	9.3	2.698	93.9	3.0	0.7
338	2/13/2016 00:11:40	12.96	44.07	28.42	8.30	7.86	10.8	2.778	93.9	3.2	0.7
339	2/13/2016 00:26:41	12.91	44.19	28.51	8.32	7.87	12.7	2.900	94.1	2.9	0.7
340	2/13/2016 00:41:40	12.87	44.24	28.54	8.33	7.87	13.9	3.020	94.1	3.0	0.7
341	2/13/2016 00:56:41	12.79	44.65	28.83	8.41	7.88	17.8	3.079	95.1	3.7	0.9
342	2/13/2016 01:11:40	12.73	44.73	28.88	8.48	7.90	16.1	3.217	95.8	3.4	0.8
343	2/13/2016 01:26:40	12.62	45.52	29.44	8.64	7.92	20.5	3.324	97.7	3.3	0.8
344	2/13/2016 01:41:41	12.52	46.01	29.79	8.80	7.93	17.8	3.435	99.5	2.9	0.7
345	2/13/2016 01:56:40	12.47	46.35	30.04	8.90	7.95	17.5	3.545	100.7	3.1	0.7
346	2/13/2016 02:11:40	12.42	46.60	30.22	8.93	7.96	17.5	3.632	101.1	3.3	0.8
347	2/13/2016 02:26:40	12.38	46.76	30.33	8.94	7.96	14.7	3.718	101.2	2.9	0.7
348	2/13/2016 02:41:41	12.35	46.82	30.37	8.95	7.96	11.6	3.781	101.2	2.8	0.7
349	2/13/2016 02:56:40	12.31	46.83	30.37	8.94	7.97	10.9	3.839	101.1	2.9	0.7
350	2/13/2016 03:11:40	12.24	46.97	30.47	8.95	7.97	9.4	3.864	101.1	3.0	0.7
351	2/13/2016 03:26:40	12.24	47.12	30.58	8.92	7.97	8.8	3.889	100.8	3.7	0.9
352	2/13/2016 03:41:40	12.21	47.17	30.62	8.83	7.97	8.1	3.900	99.7	2.8	0.7
353	2/13/2016 03:56:41	12.23	46.99	30.49	8.84	7.97	9.8	3.841	99.8	2.9	0.7
354	2/13/2016 04:11:40	12.32	46.77	30.33	8.77	7.96	10.1	3.820	99.2	2.9	0.7
355	2/13/2016 04:26:40	12.40	45.97	29.76	8.68	7.94	10.1	3.752	97.9	3.2	0.8
356	2/13/2016 04:41:41	12.40	45.71	29.57	8.58	7.92	11.1	3.652	96.7	2.6	0.6
357	2/13/2016 04:56:40	12.43	45.54	29.45	8.52	7.91	9.7	3.577	96.0	2.9	0.7
358	2/13/2016 05:11:40	12.49	45.13	29.16	8.46	7.90	9.7	3.470	95.3	2.4	0.6
359	2/13/2016 05:26:40	12.53	44.75	28.89	8.41	7.89	12.4	3.344	94.6	3.2	0.8
360	2/13/2016 05:41:40	12.63	44.25	28.53	8.24	7.87	13.3	3.231	92.7	2.5	0.6
361	2/13/2016 05:56:40	12.66	44.42	28.66	8.19	7.87	10.9	3.122	92.3	2.6	0.6
362	2/13/2016 06:11:41	12.60	44.68	28.85	8.26	7.88	9.7	3.013	93.0	3.1	0.7
363	2/13/2016 06:26:40	12.59	44.73	28.88	8.25	7.88	9.8	2.901	93.0	2.9	0.7
364	2/13/2016 06:41:40	12.62	44.45	28.68	8.19	7.87	10.4	2.802	92.2	2.9	0.7
365	2/13/2016 06:56:40	12.59	44.60	28.78	8.27	7.88	10.4	2.681	93.1	3.0	0.7
366	2/13/2016 07:11:40	12.62	44.36	28.61	8.23	7.87	9.5	2.557	92.6	2.8	0.7
367	2/13/2016 07:26:40	12.71	43.91	28.30	8.06	7.85	10.5	2.470	90.7	2.5	0.6
368	2/13/2016 07:41:40	12.60	44.16	28.47	8.11	7.86	9.5	2.360	91.2	2.6	0.6
369	2/13/2016 07:56:41	12.69	43.83	28.24	8.06	7.84	9.5	2.216	90.6	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	2/13/2016 08:11:41	12.77	43.52	28.02	8.00	7.83	9.7	2.143	90.0	2.9	0.7
371	2/13/2016 08:26:41	12.70	43.53	28.03	8.01	7.83	9.7	2.057	90.0	3.3	0.8
372	2/13/2016 08:41:41	12.78	43.33	27.89	7.98	7.82	9.5	1.971	89.7	2.6	0.6
373	2/13/2016 08:56:40	12.80	43.24	27.82	7.98	7.82	9.3	1.899	89.7	2.9	0.7
374	2/13/2016 09:11:40	12.84	43.11	27.73	7.96	7.82	9.0	1.845	89.5	2.5	0.6
375	2/13/2016 09:26:41	12.87	42.98	27.64	7.91	7.81	8.1	1.813	88.9	2.9	0.7
376	2/13/2016 09:41:41	12.91	42.82	27.52	7.95	7.80	8.0	1.821	89.4	3.1	0.7
377	2/13/2016 09:56:41	12.92	42.98	27.64	8.00	7.81	7.8	1.819	90.0	3.1	0.7
378	2/13/2016 10:11:41	12.92	42.96	27.62	8.02	7.81	7.6	1.836	90.2	2.5	0.6
379	2/13/2016 10:26:41	12.97	43.08	27.71	7.97	7.81	7.9	1.874	89.9	2.9	0.7
380	2/13/2016 10:41:40	13.02	42.84	27.54	8.02	7.81	7.5	1.951	90.4	2.9	0.7
381	2/13/2016 10:56:41	12.98	42.76	27.48	7.99	7.80	8.5	2.040	89.9	3.0	0.7
382	2/13/2016 11:11:40	12.92	42.78	27.50	7.96	7.80	8.4	2.091	89.6	2.9	0.7
383	2/13/2016 11:26:41	12.91	42.88	27.57	7.98	7.80	8.4	2.191	89.7	2.2	0.5
384	2/13/2016 11:41:40	12.90	42.96	27.63	8.01	7.81	8.6	2.269	90.1	3.2	0.8
385	2/13/2016 11:56:41	12.96	43.19	27.79	8.05	7.81	8.4	2.348	90.7	2.2	0.5
386	2/13/2016 12:11:41	12.83	43.74	28.18	8.12	7.83	8.1	2.432	91.6	2.7	0.6
387	2/13/2016 12:26:41	12.78	43.83	28.24	8.21	7.85	9.4	2.526	92.5	2.5	0.6
388	2/13/2016 12:41:40	12.81	44.19	28.50	8.25	7.86	9.2	2.619	93.2	2.6	0.6
389	2/13/2016 12:56:41	12.79	44.32	28.59	8.27	7.86	8.6	2.669	93.3	2.3	0.5
390	2/13/2016 13:11:40	12.83	44.34	28.61	8.29	7.86	7.8	2.751	93.7	2.6	0.6
391	2/13/2016 13:26:40	12.84	44.42	28.66	8.30	7.86	7.9	2.848	93.9	2.3	0.5
392	2/13/2016 13:41:41	12.79	44.55	28.76	8.31	7.86	8.5	2.926	93.9	2.9	0.7
393	2/13/2016 13:56:40	12.77	44.54	28.75	8.33	7.86	8.7	2.993	94.2	2.6	0.6
394	2/13/2016 14:11:41	12.75	44.68	28.85	8.33	7.86	9.3	3.045	94.1	2.1	0.5
395	2/13/2016 14:26:41	12.77	44.98	29.06	8.41	7.87	10.6	3.120	95.3	2.2	0.5
396	2/13/2016 14:41:40	12.76	45.06	29.12	8.48	7.88	10.5	3.186	96.0	2.6	0.6
397	2/13/2016 14:56:41	12.77	45.22	29.23	8.51	7.89	9.4	3.259	96.4	2.4	0.6
398	2/13/2016 15:11:41	12.72	45.43	29.38	8.50	7.89	8.9	3.309	96.3	2.4	0.6
399	2/13/2016 15:26:40	12.63	45.45	29.40	8.51	7.89	8.7	3.341	96.2	2.2	0.5
400	2/13/2016 15:41:40	12.58	45.79	29.64	8.54	7.90	8.7	3.355	96.7	3.0	0.7
401	2/13/2016 15:56:40	12.56	46.03	29.81	8.46	7.90	6.4	3.383	95.8	2.8	0.7
402	2/13/2016 16:11:40	12.54	45.94	29.75	8.43	7.90	7.6	3.361	95.4	2.7	0.6
403	2/13/2016 16:26:41	12.54	45.93	29.74	8.42	7.90	7.6	3.359	95.2	2.3	0.5
404	2/13/2016 16:41:40	12.61	45.66	29.54	8.38	7.89	8.1	3.288	94.9	2.2	0.5
405	2/13/2016 16:56:41	12.76	45.12	29.16	8.35	7.89	8.6	3.215	94.6	2.1	0.5
406	2/13/2016 17:11:41	12.82	45.00	29.08	8.35	7.88	9.8	3.155	94.6	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	2/13/2016 17:26:41	12.74	44.94	29.04	8.35	7.88	7.5	3.060	94.4	3.1	0.7
408	2/13/2016 17:41:40	12.85	44.31	28.58	8.24	7.86	7.9	2.985	93.2	2.9	0.7
409	2/13/2016 17:56:41	12.88	44.43	28.67	8.20	7.86	7.6	2.886	92.8	3.0	0.7
410	2/13/2016 18:11:41	12.96	44.36	28.62	8.20	7.85	7.5	2.790	92.9	3.1	0.7
411	2/13/2016 18:26:40	12.96	44.09	28.43	8.14	7.85	8.3	2.708	92.1	3.0	0.7
412	2/13/2016 18:41:41	12.97	44.11	28.45	8.14	7.84	7.9	2.624	92.2	3.5	0.8
413	2/13/2016 18:56:40	13.01	43.68	28.14	8.15	7.83	8.1	2.548	92.2	3.1	0.7
414	2/13/2016 19:11:40	13.01	43.70	28.16	8.10	7.83	7.9	2.431	91.6	2.9	0.7
415	2/13/2016 19:26:41	12.93	43.78	28.21	8.08	7.82	8.0	2.365	91.3	3.1	0.7
416	2/13/2016 19:41:41	12.99	43.52	28.02	8.08	7.81	8.9	2.239	91.3	3.4	0.8
417	2/13/2016 19:56:41	13.02	43.38	27.93	8.07	7.81	9.5	2.148	91.2	3.6	0.8
418	2/13/2016 20:11:40	13.10	43.38	27.93	8.07	7.81	9.3	2.051	91.3	3.8	0.9
419	2/13/2016 20:26:40	13.11	43.24	27.83	8.07	7.81	8.9	1.994	91.4	3.6	0.9
420	2/13/2016 20:41:40	13.14	43.15	27.77	8.05	7.80	9.4	1.951	91.1	3.2	0.8
421	2/13/2016 20:56:40	13.22	42.99	27.66	8.08	7.80	8.4	1.889	91.5	3.4	0.8
422	2/13/2016 21:11:40	13.24	43.01	27.67	8.05	7.80	7.9	1.850	91.3	4.0	0.9
423	2/13/2016 21:26:40	13.26	42.89	27.59	8.00	7.80	6.5	1.830	90.7	4.2	1.0
424	2/13/2016 21:41:40	13.22	43.01	27.67	8.13	7.80	7.6	1.867	92.1	3.4	0.8
425	2/13/2016 21:56:40	13.20	42.98	27.65	8.12	7.80	7.0	1.865	91.9	3.4	0.8
426	2/13/2016 22:11:41	13.19	43.00	27.66	8.11	7.80	6.8	1.922	91.9	3.4	0.8
427	2/13/2016 22:26:41	13.16	43.06	27.70	8.10	7.80	6.7	1.992	91.7	3.4	0.8
428	2/13/2016 22:41:40	13.16	42.90	27.59	8.09	7.80	7.1	2.087	91.5	3.3	0.8
429	2/13/2016 22:56:41	13.14	42.97	27.64	8.07	7.79	7.6	2.156	91.3	3.1	0.7
430	2/13/2016 23:11:40	13.15	42.88	27.58	8.06	7.79	7.9	2.209	91.2	3.1	0.7
431	2/13/2016 23:26:41	13.10	43.10	27.73	8.08	7.80	8.0	2.315	91.3	3.3	0.8
432	2/13/2016 23:41:41	13.07	43.29	27.87	8.11	7.81	7.0	2.423	91.7	2.7	0.6
433	2/13/2016 23:56:40	13.00	43.73	28.18	8.14	7.82	7.6	2.481	92.0	3.2	0.8
434	2/14/2016 00:11:41	12.93	44.11	28.45	8.16	7.83	7.2	2.551	92.4	3.1	0.7
435	2/14/2016 00:26:40	12.90	44.17	28.49	8.19	7.84	6.7	2.651	92.7	2.9	0.7
436	2/14/2016 00:41:40	12.89	44.32	28.60	8.21	7.84	7.3	2.745	92.9	2.4	0.6
437	2/14/2016 00:56:40	12.89	44.34	28.61	8.22	7.84	7.5	2.821	93.0	3.2	0.8
438	2/14/2016 01:11:41	12.86	44.40	28.66	8.24	7.84	8.7	2.913	93.2	3.3	0.8
439	2/14/2016 01:26:40	12.79	44.65	28.83	8.29	7.85	10.6	3.006	93.7	2.9	0.7
440	2/14/2016 01:41:40	12.73	44.97	29.05	8.33	7.86	11.8	3.106	94.2	3.1	0.7
441	2/14/2016 01:56:40	12.69	45.01	29.08	8.38	7.87	12.0	3.198	94.7	3.0	0.7
442	2/14/2016 02:11:41	12.61	45.47	29.41	8.39	7.88	12.9	3.292	94.8	3.5	0.8
443	2/14/2016 02:26:40	12.55	45.81	29.65	8.45	7.90	12.4	3.391	95.6	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	2/14/2016 02:41:41	12.40	46.48	30.13	8.59	7.91	14.7	3.484	97.1	2.9	0.7
445	2/14/2016 02:56:41	12.33	46.77	30.34	8.68	7.93	13.1	3.573	98.2	3.3	0.8
446	2/14/2016 03:11:40	12.30	46.82	30.37	8.71	7.93	12.3	3.652	98.5	2.9	0.7
447	2/14/2016 03:26:40	12.27	47.01	30.50	8.68	7.94	10.4	3.734	98.1	2.6	0.6
448	2/14/2016 03:41:40	12.24	47.06	30.54	8.57	7.94	9.5	3.776	96.8	3.2	0.8
449	2/14/2016 03:56:40	12.19	47.31	30.72	8.58	7.94	8.7	3.827	97.0	2.7	0.6
450	2/14/2016 04:11:41	12.14	47.34	30.74	8.57	7.94	8.3	3.856	96.8	2.9	0.7
451	2/14/2016 04:26:40	12.12	47.44	30.81	8.44	7.94	6.9	3.858	95.3	3.0	0.7
452	2/14/2016 04:41:40	12.15	47.28	30.69	8.43	7.94	8.4	3.840	95.2	2.7	0.6
453	2/14/2016 04:56:40	12.34	46.49	30.13	8.34	7.92	8.5	3.801	94.2	2.7	0.6
454	2/14/2016 05:11:40	12.42	46.15	29.89	8.29	7.90	9.8	3.747	93.6	2.8	0.7
455	2/14/2016 05:26:40	12.46	45.89	29.70	8.28	7.90	8.9	3.670	93.5	2.2	0.5
456	2/14/2016 05:41:41	12.52	45.43	29.38	8.18	7.88	8.8	3.555	92.3	2.7	0.6
457	2/14/2016 05:56:40	12.52	45.45	29.39	8.20	7.88	10.0	3.481	92.5	3.0	0.7
458	2/14/2016 06:11:40	12.58	45.15	29.18	8.13	7.87	12.6	3.369	91.7	3.1	0.7
459	2/14/2016 06:26:40	12.63	44.59	28.78	8.10	7.86	10.5	3.253	91.3	2.8	0.7
460	2/14/2016 06:41:41	12.66	44.86	28.98	8.09	7.85	11.2	3.143	91.3	2.8	0.7
461	2/14/2016 06:56:41	12.68	44.65	28.82	8.06	7.84	10.3	3.048	91.0	3.1	0.7
462	2/14/2016 07:11:41	12.68	44.43	28.67	8.04	7.84	8.5	2.940	90.6	2.9	0.7
463	2/14/2016 07:26:40	12.72	44.26	28.55	8.00	7.83	8.5	2.823	90.2	2.5	0.6
464	2/14/2016 07:41:40	12.66	44.48	28.71	8.05	7.84	9.3	2.731	90.8	2.1	0.5
465	2/14/2016 07:56:41	12.63	44.65	28.82	8.07	7.84	8.2	2.637	90.9	2.9	0.7
466	2/14/2016 08:11:40	12.72	44.33	28.60	8.02	7.83	8.8	2.521	90.4	2.5	0.6
467	2/14/2016 08:26:40	12.76	44.07	28.41	7.98	7.82	8.9	2.390	90.0	2.4	0.6
468	2/14/2016 08:41:41	12.80	43.99	28.36	7.94	7.81	9.2	2.295	89.5	2.6	0.6
469	2/14/2016 08:56:41	12.86	43.87	28.27	7.93	7.81	8.0	2.191	89.5	2.9	0.7
470	2/14/2016 09:11:40	12.91	43.69	28.15	7.94	7.80	8.3	2.082	89.6	2.3	0.5
471	2/14/2016 09:26:40	12.97	43.48	28.00	7.95	7.80	8.0	1.983	89.7	2.2	0.5
472	2/14/2016 09:41:41	13.00	43.53	28.03	7.94	7.80	8.1	1.891	89.7	2.8	0.6
473	2/14/2016 09:56:40	13.06	43.32	27.89	7.94	7.80	8.0	1.821	89.7	2.9	0.7
474	2/14/2016 10:11:41	13.09	43.21	27.81	7.89	7.80	7.5	1.773	89.3	2.9	0.7
475	2/14/2016 10:26:40	13.11	43.15	27.77	7.81	7.79	6.4	1.758	88.3	2.8	0.7
476	2/14/2016 10:41:40	13.14	43.18	27.79	7.90	7.79	6.7	1.738	89.4	2.9	0.7
477	2/14/2016 10:56:41	13.13	43.16	27.78	7.94	7.80	6.7	1.753	89.9	3.4	0.8
478	2/14/2016 11:11:41	13.07	43.27	27.85	7.91	7.80	6.8	1.810	89.4	3.1	0.7
479	2/14/2016 11:26:40	13.08	43.18	27.79	7.91	7.80	6.7	1.832	89.4	2.9	0.7
480	2/14/2016 11:41:40	13.09	43.32	27.89	7.92	7.80	6.6	1.885	89.6	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	2/14/2016 11:56:41	13.09	43.11	27.74	7.91	7.79	7.0	1.980	89.4	3.1	0.7
482	2/14/2016 12:11:40	13.06	43.13	27.75	7.90	7.79	7.1	2.036	89.2	2.5	0.6
483	2/14/2016 12:26:40	13.05	43.12	27.75	7.89	7.79	6.8	2.112	89.1	2.7	0.6
484	2/14/2016 12:41:40	13.02	43.09	27.73	7.89	7.79	7.0	2.185	89.0	3.0	0.7
485	2/14/2016 12:56:41	12.95	43.58	28.07	7.95	7.80	7.6	2.265	89.8	3.1	0.7
486	2/14/2016 13:11:41	12.92	43.81	28.23	7.97	7.81	7.0	2.325	90.1	2.2	0.5
487	2/14/2016 13:26:40	12.95	43.65	28.12	8.00	7.82	6.3	2.400	90.3	2.4	0.6
488	2/14/2016 13:41:40	12.87	44.14	28.47	8.03	7.84	6.5	2.480	90.8	2.7	0.6
489	2/14/2016 13:56:40	12.86	44.33	28.60	8.10	7.85	6.6	2.538	91.6	2.5	0.6
490	2/14/2016 14:11:41	12.87	44.44	28.68	8.13	7.85	6.7	2.613	92.0	2.5	0.6
491	2/14/2016 14:26:40	12.89	44.40	28.66	8.13	7.86	6.5	2.663	92.0	2.2	0.5
492	2/14/2016 14:41:40	12.86	44.48	28.71	8.15	7.86	6.2	2.742	92.2	2.8	0.6
493	2/14/2016 14:56:40	12.87	44.49	28.72	8.15	7.86	6.4	2.789	92.3	3.0	0.7
494	2/14/2016 15:11:41	12.84	44.73	28.89	8.17	7.86	6.4	2.852	92.5	2.4	0.6
495	2/14/2016 15:26:40	12.85	44.62	28.81	8.20	7.87	6.0	2.917	92.8	2.7	0.6
496	2/14/2016 15:41:40	12.86	44.81	28.95	8.20	7.87	6.2	2.965	92.9	2.1	0.5
497	2/14/2016 15:56:40	12.81	44.90	29.01	8.20	7.87	5.9	3.032	92.9	2.6	0.6
498	2/14/2016 16:11:40	12.82	45.08	29.14	8.26	7.88	7.1	3.081	93.7	2.4	0.6
499	2/14/2016 16:26:40	12.82	45.10	29.15	8.29	7.88	6.3	3.128	94.1	2.1	0.5
500	2/14/2016 16:41:41	12.85	45.23	29.25	8.29	7.88	6.1	3.149	94.2	2.6	0.6
501	2/14/2016 16:56:40	12.87	45.27	29.28	8.27	7.89	5.1	3.188	93.9	2.3	0.5
502	2/14/2016 17:11:40	12.88	45.22	29.24	8.16	7.88	4.9	3.195	92.7	2.2	0.5
503	2/14/2016 17:26:40	12.86	45.15	29.19	8.17	7.87	5.4	3.172	92.8	2.4	0.6
504	2/14/2016 17:41:40	12.87	45.31	29.31	8.18	7.87	6.1	3.149	93.0	2.5	0.6
505	2/14/2016 17:56:41	12.86	45.19	29.22	8.19	7.87	6.1	3.096	93.0	3.0	0.7
506	2/14/2016 18:11:41	12.87	45.01	29.09	8.14	7.86	6.6	3.048	92.4	3.1	0.7
507	2/14/2016 18:26:40	12.89	44.80	28.94	8.09	7.86	7.6	2.974	91.8	2.7	0.6
508	2/14/2016 18:41:40	12.88	44.89	29.00	8.09	7.85	7.9	2.913	91.8	2.9	0.7
509	2/14/2016 18:56:40	12.89	44.78	28.93	8.05	7.85	7.6	2.820	91.3	2.7	0.6
510	2/14/2016 19:11:40	12.89	44.62	28.81	8.03	7.85	7.5	2.752	91.0	2.8	0.7
511	2/14/2016 19:26:40	12.97	44.37	28.63	8.02	7.85	7.3	2.680	90.9	2.7	0.6
512	2/14/2016 19:41:40	13.04	44.35	28.62	8.00	7.84	7.2	2.606	90.9	2.9	0.7
513	2/14/2016 19:56:40	13.07	44.25	28.55	7.99	7.84	7.2	2.525	90.8	2.7	0.6
514	2/14/2016 20:11:40	13.16	43.91	28.31	7.98	7.83	6.8	2.446	90.7	3.4	0.8
515	2/14/2016 20:26:40	13.17	43.84	28.26	7.98	7.82	7.0	2.390	90.6	3.0	0.7
516	2/14/2016 20:41:40	13.26	43.51	28.03	7.97	7.82	6.6	2.310	90.5	3.1	0.7
517	2/14/2016 20:56:40	13.21	43.68	28.15	7.96	7.82	6.5	2.226	90.4	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	2/14/2016 21:11:41	13.23	43.70	28.16	7.94	7.82	6.7	2.202	90.3	3.0	0.7
519	2/14/2016 21:26:41	13.29	43.46	28.00	7.97	7.82	6.4	2.146	90.6	3.3	0.8
520	2/14/2016 21:41:40	13.32	43.35	27.92	7.96	7.82	6.1	2.108	90.5	3.5	0.8
521	2/14/2016 21:56:40	13.38	43.31	27.89	7.96	7.82	6.2	2.075	90.6	3.9	0.9
522	2/14/2016 22:11:40	13.42	43.13	27.76	7.94	7.81	6.2	2.050	90.4	3.7	0.9
523	2/14/2016 22:26:40	13.44	43.16	27.78	8.00	7.81	5.9	2.067	91.1	3.8	0.9
524	2/14/2016 22:41:40	13.35	43.28	27.86	8.00	7.81	6.3	2.084	91.0	3.4	0.8
525	2/14/2016 22:56:40	13.30	43.23	27.83	8.00	7.81	6.1	2.091	90.8	3.0	0.7
526	2/14/2016 23:11:40	13.28	43.34	27.91	7.96	7.81	6.1	2.152	90.4	3.0	0.7
527	2/14/2016 23:26:40	13.26	43.34	27.90	7.96	7.81	6.7	2.210	90.4	3.3	0.8
528	2/14/2016 23:41:40	13.28	43.30	27.88	7.99	7.81	6.0	2.258	90.7	3.0	0.7
529	2/14/2016 23:56:40	13.25	43.39	27.95	7.98	7.82	6.1	2.334	90.7	2.5	0.6
530	2/15/2016 00:11:40	13.24	43.59	28.08	7.99	7.82	6.3	2.403	90.8	2.8	0.7
531	2/15/2016 00:26:40	13.23	43.76	28.21	8.02	7.83	7.1	2.479	91.2	2.7	0.6
532	2/15/2016 00:41:40	13.19	43.82	28.25	8.04	7.83	7.0	2.568	91.4	2.4	0.6
533	2/15/2016 00:56:40	13.10	44.15	28.48	8.07	7.84	6.5	2.633	91.7	3.0	0.7
534	2/15/2016 01:11:40	13.04	44.46	28.70	8.08	7.85	6.5	2.711	91.7	3.5	0.8
535	2/15/2016 01:26:40	12.98	44.50	28.73	8.12	7.85	6.2	2.797	92.1	2.4	0.6
536	2/15/2016 01:41:41	12.92	44.83	28.96	8.15	7.86	6.6	2.861	92.5	2.3	0.5
537	2/15/2016 01:56:41	12.88	45.09	29.15	8.17	7.87	6.9	2.936	92.7	2.4	0.6
538	2/15/2016 02:11:40	12.83	45.28	29.28	8.20	7.88	8.3	3.025	93.1	2.7	0.6
539	2/15/2016 02:26:41	12.76	45.58	29.50	8.25	7.88	9.8	3.106	93.6	2.4	0.6
540	2/15/2016 02:41:40	12.72	45.65	29.54	8.28	7.89	9.7	3.200	93.9	2.6	0.6
541	2/15/2016 02:56:40	12.68	45.74	29.61	8.28	7.89	9.7	3.297	93.9	2.1	0.5
542	2/15/2016 03:11:40	12.60	45.98	29.78	8.33	7.89	10.4	3.381	94.4	2.6	0.6
543	2/15/2016 03:26:40	12.54	46.14	29.89	8.36	7.90	11.1	3.463	94.7	2.6	0.6
544	2/15/2016 03:41:40	12.44	46.54	30.18	8.40	7.91	10.6	3.548	95.1	2.8	0.7
545	2/15/2016 03:56:40	12.38	46.86	30.40	8.43	7.92	10.6	3.618	95.5	2.3	0.5
546	2/15/2016 04:11:40	12.35	47.00	30.50	8.44	7.92	9.9	3.675	95.6	2.5	0.6
547	2/15/2016 04:26:40	12.32	47.05	30.54	8.46	7.92	9.4	3.731	95.7	2.2	0.5
548	2/15/2016 04:41:41	12.30	47.09	30.56	8.45	7.92	7.9	3.777	95.7	2.4	0.6
549	2/15/2016 04:56:40	12.31	47.02	30.51	8.42	7.93	7.6	3.794	95.3	2.5	0.6
550	2/15/2016 05:11:40	12.31	47.19	30.64	8.24	7.93	5.0	3.813	93.3	2.6	0.6
551	2/15/2016 05:26:40	12.31	47.11	30.58	8.25	7.92	7.2	3.820	93.3	2.5	0.6
552	2/15/2016 05:41:41	12.31	47.19	30.64	8.27	7.92	8.7	3.785	93.7	2.4	0.6
553	2/15/2016 05:56:40	12.49	46.29	30.00	8.16	7.91	7.6	3.745	92.4	2.4	0.6
554	2/15/2016 06:11:40	12.55	45.98	29.77	8.10	7.89	7.5	3.694	91.7	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	2/15/2016 06:26:41	12.56	46.05	29.83	8.10	7.89	7.7	3.607	91.8	2.7	0.6
556	2/15/2016 06:41:40	12.60	45.71	29.58	8.08	7.88	6.5	3.508	91.4	2.4	0.6
557	2/15/2016 06:56:41	12.64	45.66	29.55	8.06	7.87	7.0	3.408	91.3	2.8	0.7
558	2/15/2016 07:11:41	12.72	45.31	29.30	7.99	7.86	7.9	3.315	90.5	2.4	0.6
559	2/15/2016 07:26:40	12.81	44.98	29.06	7.91	7.84	9.0	3.207	89.7	2.0	0.5
560	2/15/2016 07:41:40	12.86	44.87	28.99	7.87	7.84	9.2	3.102	89.2	2.0	0.5
561	2/15/2016 07:56:41	12.87	44.75	28.90	7.89	7.83	8.1	3.011	89.4	2.4	0.6
562	2/15/2016 08:11:41	12.93	44.34	28.61	7.86	7.82	7.4	2.905	89.0	2.4	0.6
563	2/15/2016 08:26:40	12.95	44.37	28.64	7.84	7.81	7.8	2.799	88.8	2.0	0.5
564	2/15/2016 08:41:41	13.01	44.25	28.55	7.87	7.81	7.2	2.698	89.2	2.3	0.5
565	2/15/2016 08:56:41	12.96	44.64	28.83	7.93	7.82	7.1	2.592	90.0	2.3	0.5
566	2/15/2016 09:11:40	12.98	44.57	28.78	7.94	7.82	6.8	2.485	90.1	1.9	0.4
567	2/15/2016 09:26:40	13.08	44.24	28.55	7.90	7.80	7.1	2.389	89.7	2.2	0.5
568	2/15/2016 09:41:40	13.09	44.40	28.66	7.94	7.81	7.2	2.283	90.3	2.0	0.5
569	2/15/2016 09:56:40	13.19	43.88	28.29	7.89	7.80	6.8	2.170	89.7	2.4	0.6
570	2/15/2016 10:11:40	13.24	44.01	28.39	8.01	7.80	6.7	2.066	91.2	2.6	0.6
571	2/15/2016 10:26:40	13.32	43.83	28.26	8.01	7.80	6.9	1.961	91.2	2.5	0.6
572	2/15/2016 10:41:40	13.41	43.73	28.19	7.98	7.79	6.8	1.869	91.1	3.2	0.7
573	2/15/2016 10:56:40	13.47	43.62	28.11	7.97	7.79	6.6	1.787	91.1	3.4	0.8
574	2/15/2016 11:11:40	13.53	43.48	28.01	7.94	7.79	6.6	1.727	90.7	3.2	0.7
575	2/15/2016 11:26:40	13.53	43.40	27.96	7.82	7.78	6.1	1.699	89.3	2.3	0.5
576	2/15/2016 11:41:40	13.53	43.31	27.89	7.85	7.78	6.2	1.677	89.7	3.5	0.8
577	2/15/2016 11:56:41	13.54	43.39	27.95	7.94	7.79	6.1	1.650	90.8	3.6	0.8
578	2/15/2016 12:11:40	13.53	43.28	27.87	7.98	7.79	6.5	1.692	91.1	3.0	0.7
579	2/15/2016 12:26:40	13.48	43.37	27.94	7.92	7.78	6.1	1.713	90.4	3.2	0.7
580	2/15/2016 12:41:41	13.46	43.56	28.07	7.92	7.78	6.0	1.766	90.4	3.4	0.8
581	2/15/2016 12:56:40	13.47	43.46	28.00	7.92	7.78	5.7	1.824	90.3	3.1	0.7
582	2/15/2016 13:11:40	13.43	43.37	27.93	7.89	7.77	5.9	1.896	89.9	2.6	0.6
583	2/15/2016 13:26:41	13.39	43.44	27.99	7.86	7.77	6.0	1.959	89.6	3.1	0.7
584	2/15/2016 13:41:40	13.38	43.37	27.93	7.85	7.77	5.9	2.025	89.4	2.3	0.6
585	2/15/2016 13:56:40	13.35	43.53	28.04	7.84	7.77	5.7	2.097	89.2	2.4	0.6
586	2/15/2016 14:11:40	13.28	43.69	28.16	7.86	7.77	6.3	2.173	89.4	2.5	0.6
587	2/15/2016 14:26:41	13.21	43.91	28.31	7.89	7.78	5.9	2.244	89.8	2.7	0.6
588	2/15/2016 14:41:40	13.17	44.08	28.44	7.89	7.78	5.7	2.296	89.8	2.5	0.6
589	2/15/2016 14:56:40	13.13	44.32	28.60	7.93	7.79	5.6	2.369	90.1	2.1	0.5
590	2/15/2016 15:11:40	13.09	44.39	28.65	7.97	7.80	6.0	2.432	90.5	2.6	0.6
591	2/15/2016 15:26:40	13.12	44.36	28.63	8.01	7.80	6.0	2.502	91.1	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	2/15/2016 15:41:40	13.12	44.61	28.81	8.03	7.81	5.3	2.559	91.5	2.9	0.7
593	2/15/2016 15:56:41	13.09	44.77	28.93	8.03	7.81	5.7	2.620	91.4	2.4	0.6
594	2/15/2016 16:11:40	13.08	44.67	28.85	8.02	7.81	5.6	2.694	91.2	2.9	0.7
595	2/15/2016 16:26:41	13.03	44.78	28.93	8.02	7.81	5.7	2.752	91.2	2.6	0.6
596	2/15/2016 16:41:40	13.01	44.81	28.95	8.03	7.82	5.6	2.797	91.3	2.4	0.6
597	2/15/2016 16:56:41	13.04	44.83	28.97	8.06	7.82	5.3	2.855	91.7	2.5	0.6
598	2/15/2016 17:11:40	13.05	44.88	29.00	8.07	7.83	5.6	2.919	91.8	2.1	0.5
599	2/15/2016 17:26:40	12.98	45.05	29.12	8.04	7.83	5.5	2.954	91.5	2.3	0.5
600	2/15/2016 17:41:41	12.96	45.24	29.26	8.08	7.83	5.4	3.009	91.9	2.4	0.6
601	2/15/2016 17:56:40	12.94	45.24	29.26	8.10	7.84	5.4	3.038	92.1	2.6	0.6
602	2/15/2016 18:11:40	12.93	45.11	29.16	8.07	7.84	5.3	3.064	91.8	3.0	0.7
603	2/15/2016 18:26:40	12.93	45.25	29.27	7.97	7.84	4.5	3.085	90.6	2.8	0.7
604	2/15/2016 18:41:41	12.94	45.30	29.30	7.92	7.84	4.9	3.079	90.1	2.0	0.5
605	2/15/2016 18:56:41	12.94	45.30	29.30	7.97	7.84	5.0	3.056	90.6	2.1	0.5
606	2/15/2016 19:11:40	12.96	45.15	29.19	7.98	7.84	5.2	3.041	90.7	2.7	0.6
607	2/15/2016 19:26:40	12.95	45.09	29.15	7.95	7.84	5.6	2.990	90.3	2.6	0.6
608	2/15/2016 19:41:40	12.99	44.91	29.02	7.88	7.83	6.1	2.935	89.5	2.6	0.6
609	2/15/2016 19:56:41	13.11	44.68	28.86	7.88	7.82	6.5	2.880	89.8	2.7	0.6
610	2/15/2016 20:11:40	13.02	44.90	29.02	7.90	7.82	6.2	2.811	89.9	2.7	0.6
611	2/15/2016 20:26:40	12.99	44.78	28.93	7.89	7.82	6.1	2.767	89.7	2.9	0.7
612	2/15/2016 20:41:40	13.01	44.72	28.88	7.86	7.82	6.2	2.693	89.3	2.7	0.6
613	2/15/2016 20:56:40	13.13	44.50	28.73	7.80	7.81	6.7	2.640	88.8	2.7	0.6
614	2/15/2016 21:11:40	13.09	44.51	28.74	7.79	7.81	6.4	2.575	88.6	2.7	0.6
615	2/15/2016 21:26:40	13.20	44.33	28.62	7.78	7.80	6.8	2.509	88.7	2.9	0.7
616	2/15/2016 21:41:41	13.16	44.45	28.69	7.78	7.80	6.1	2.467	88.5	2.8	0.7
617	2/15/2016 21:56:40	13.29	43.79	28.23	7.81	7.79	5.7	2.409	88.9	3.1	0.7
618	2/15/2016 22:11:40	13.27	43.90	28.31	7.79	7.79	5.9	2.349	88.7	3.1	0.7
619	2/15/2016 22:26:40	13.24	44.04	28.41	7.77	7.79	5.9	2.303	88.5	2.8	0.7
620	2/15/2016 22:41:41	13.32	43.75	28.20	7.76	7.78	5.7	2.282	88.4	3.2	0.7
621	2/15/2016 22:56:41	13.36	43.80	28.24	7.72	7.78	5.3	2.257	88.1	3.2	0.8
622	2/15/2016 23:11:40	13.35	43.58	28.08	7.67	7.78	4.7	2.214	87.4	3.1	0.7
623	2/15/2016 23:26:41	13.28	43.85	28.28	7.74	7.78	5.2	2.217	88.2	3.3	0.8
624	2/15/2016 23:41:40	13.32	43.69	28.16	7.83	7.78	5.3	2.237	89.1	3.6	0.9
625	2/15/2016 23:56:41	13.29	43.83	28.26	7.83	7.78	4.9	2.245	89.1	2.9	0.7
626	2/16/2016 00:11:40	13.29	43.81	28.24	7.82	7.78	5.3	2.261	89.0	2.6	0.6
627	2/16/2016 00:26:41	13.26	44.01	28.39	7.82	7.78	5.2	2.316	89.0	2.8	0.7
628	2/16/2016 00:41:40	13.24	44.02	28.40	7.82	7.78	6.4	2.364	89.1	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	2/16/2016 00:56:41	13.25	44.13	28.47	7.85	7.78	5.6	2.403	89.4	2.6	0.6
630	2/16/2016 01:11:40	13.25	44.11	28.46	7.85	7.78	5.5	2.459	89.4	2.6	0.6
631	2/16/2016 01:26:40	13.24	44.21	28.53	7.87	7.79	5.4	2.547	89.7	2.6	0.6
632	2/16/2016 01:41:40	13.18	44.36	28.64	7.90	7.79	6.2	2.602	90.0	2.4	0.6
633	2/16/2016 01:56:40	13.17	44.24	28.55	7.93	7.79	5.7	2.663	90.2	2.5	0.6
634	2/16/2016 02:11:40	13.08	44.52	28.74	7.97	7.80	5.7	2.743	90.6	2.4	0.6
635	2/16/2016 02:26:41	12.98	44.93	29.04	7.99	7.81	5.3	2.817	90.9	2.2	0.5
636	2/16/2016 02:41:40	12.87	45.43	29.39	8.03	7.82	5.6	2.890	91.3	1.9	0.4
637	2/16/2016 02:56:41	12.83	45.62	29.52	8.05	7.83	6.1	2.966	91.5	2.5	0.6
638	2/16/2016 03:11:41	12.77	45.86	29.69	8.06	7.84	7.0	3.030	91.6	2.4	0.6
639	2/16/2016 03:26:41	12.75	45.91	29.73	8.06	7.84	7.6	3.116	91.6	2.7	0.6
640	2/16/2016 03:41:41	12.69	46.00	29.79	8.09	7.84	8.6	3.198	91.9	2.0	0.5
641	2/16/2016 03:56:41	12.65	46.23	29.96	8.10	7.85	8.1	3.272	92.0	2.5	0.6
642	2/16/2016 04:11:40	12.63	46.16	29.90	8.10	7.85	8.6	3.352	91.9	2.3	0.5
643	2/16/2016 04:26:41	12.54	46.41	30.08	8.12	7.85	8.6	3.429	92.1	2.2	0.5
644	2/16/2016 04:41:41	12.48	46.61	30.23	8.14	7.86	8.2	3.499	92.2	2.5	0.6
645	2/16/2016 04:56:40	12.41	46.68	30.27	8.15	7.87	8.5	3.568	92.2	2.6	0.6
646	2/16/2016 05:11:40	12.33	46.97	30.48	8.17	7.87	8.1	3.626	92.5	3.2	0.7
647	2/16/2016 05:26:41	12.26	47.25	30.68	8.19	7.88	7.3	3.678	92.7	2.4	0.6
648	2/16/2016 05:41:40	12.22	47.25	30.67	8.21	7.88	7.3	3.702	92.8	2.5	0.6
649	2/16/2016 05:56:40	12.20	47.36	30.75	8.20	7.89	6.5	3.729	92.7	2.6	0.6
650	2/16/2016 06:11:41	12.19	47.49	30.84	8.14	7.89	5.6	3.754	92.1	2.6	0.6
651	2/16/2016 06:26:40	12.19	47.32	30.72	8.04	7.89	4.2	3.736	90.8	2.2	0.5
652	2/16/2016 06:41:40	12.20	47.46	30.83	8.06	7.88	6.8	3.706	91.2	1.9	0.4
653	2/16/2016 06:56:40	12.45	46.37	30.05	7.95	7.85	6.5	3.684	90.0	2.0	0.5
654	2/16/2016 07:11:40	12.57	45.92	29.73	7.90	7.83	5.9	3.623	89.4	2.2	0.5
655	2/16/2016 07:26:41	12.57	46.10	29.86	7.89	7.83	6.2	3.552	89.4	2.1	0.5
656	2/16/2016 07:41:41	12.58	46.05	29.82	7.90	7.83	6.4	3.471	89.5	2.4	0.6
657	2/16/2016 07:56:41	12.64	45.80	29.65	7.87	7.82	6.4	3.393	89.2	2.0	0.5
658	2/16/2016 08:11:41	12.66	45.77	29.63	7.85	7.82	6.8	3.293	89.0	2.0	0.5
659	2/16/2016 08:26:41	12.76	45.42	29.38	7.81	7.81	7.3	3.202	88.5	2.2	0.5
660	2/16/2016 08:41:40	12.83	45.03	29.10	7.83	7.81	7.4	3.105	88.7	2.8	0.6
661	2/16/2016 08:56:40	12.84	44.99	29.07	7.81	7.80	7.1	2.996	88.6	2.2	0.5
662	2/16/2016 09:11:41	12.85	44.98	29.07	7.83	7.80	5.7	2.915	88.8	2.2	0.5
663	2/16/2016 09:26:41	12.91	44.96	29.05	7.83	7.80	5.7	2.800	88.9	2.2	0.5
664	2/16/2016 09:41:41	12.91	45.08	29.14	7.88	7.80	5.7	2.710	89.5	2.7	0.6
665	2/16/2016 09:56:40	12.93	45.00	29.09	7.89	7.81	5.6	2.607	89.6	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	2/16/2016 10:11:40	12.98	44.89	29.01	7.93	7.81	5.7	2.495	90.2	2.7	0.6
667	2/16/2016 10:26:40	13.04	44.99	29.08	7.93	7.81	5.6	2.403	90.2	2.3	0.5
668	2/16/2016 10:41:40	13.18	44.44	28.69	7.85	7.79	6.5	2.287	89.4	2.8	0.7
669	2/16/2016 10:56:40	13.25	44.45	28.70	7.92	7.80	6.2	2.187	90.4	2.7	0.6
670	2/16/2016 11:11:40	13.34	44.33	28.61	8.01	7.80	6.2	2.070	91.5	2.5	0.6
671	2/16/2016 11:26:40	13.45	44.02	28.40	7.96	7.79	5.8	1.965	91.1	2.5	0.6
672	2/16/2016 11:41:40	13.54	44.12	28.47	8.08	7.81	6.6	1.866	92.6	2.4	0.6
673	2/16/2016 11:56:40	13.62	43.86	28.29	8.10	7.81	6.4	1.777	92.9	3.0	0.7
674	2/16/2016 12:11:40	13.69	43.81	28.26	8.03	7.80	6.3	1.708	92.3	2.0	0.5
675	2/16/2016 12:26:40	13.78	43.67	28.16	8.07	7.81	6.5	1.623	92.7	2.8	0.7
676	2/16/2016 12:41:40	13.74	43.74	28.21	7.92	7.80	5.7	1.604	91.0	2.8	0.7
677	2/16/2016 12:56:40	13.74	43.66	28.15	7.98	7.79	5.9	1.584	91.7	3.0	0.7
678	2/16/2016 13:11:41	13.71	43.66	28.15	8.01	7.79	6.0	1.553	91.9	3.4	0.8
679	2/16/2016 13:26:40	13.70	43.79	28.24	8.00	7.79	5.8	1.606	91.9	3.6	0.8
680	2/16/2016 13:41:40	13.61	43.68	28.16	7.92	7.78	5.5	1.632	90.8	3.3	0.8
681	2/16/2016 13:56:40	13.59	43.80	28.24	7.89	7.78	5.3	1.684	90.4	3.3	0.8
682	2/16/2016 14:11:41	13.58	43.81	28.26	7.88	7.78	5.1	1.721	90.3	3.0	0.7
683	2/16/2016 14:26:40	13.57	43.60	28.10	7.84	7.77	5.5	1.812	89.7	3.0	0.7
684	2/16/2016 14:41:41	13.50	43.66	28.14	7.80	7.77	5.7	1.873	89.2	2.9	0.7
685	2/16/2016 14:56:41	13.48	43.67	28.15	7.78	7.77	5.5	1.938	88.9	2.7	0.6
686	2/16/2016 15:11:40	13.47	43.72	28.19	7.78	7.77	5.6	1.989	88.9	3.0	0.7
687	2/16/2016 15:26:40	13.35	43.92	28.33	7.77	7.77	6.2	2.072	88.6	2.8	0.7
688	2/16/2016 15:41:41	13.28	44.34	28.62	7.76	7.78	5.6	2.140	88.5	2.3	0.6
689	2/16/2016 15:56:40	13.22	44.46	28.71	7.77	7.78	5.3	2.195	88.6	2.1	0.5
690	2/16/2016 16:11:40	13.20	44.42	28.67	7.79	7.79	5.4	2.276	88.8	2.6	0.6
691	2/16/2016 16:26:40	13.15	44.60	28.81	7.83	7.79	5.5	2.353	89.2	1.9	0.5
692	2/16/2016 16:41:40	13.18	44.77	28.93	7.85	7.80	5.3	2.414	89.6	2.6	0.6
693	2/16/2016 16:56:40	13.12	44.78	28.93	7.87	7.80	5.6	2.489	89.6	2.8	0.7
694	2/16/2016 17:11:40	13.10	44.82	28.96	7.88	7.80	5.1	2.558	89.7	2.5	0.6
695	2/16/2016 17:26:40	13.08	44.92	29.03	7.88	7.80	5.4	2.609	89.8	2.6	0.6
696	2/16/2016 17:41:40	13.01	45.07	29.13	7.86	7.80	5.6	2.682	89.5	2.7	0.6
697	2/16/2016 17:56:41	12.99	45.18	29.22	7.88	7.81	5.6	2.746	89.7	2.7	0.6
698	2/16/2016 18:11:41	12.94	45.13	29.18	7.88	7.81	6.1	2.807	89.6	2.5	0.6
699	2/16/2016 18:26:41	12.90	45.22	29.24	7.90	7.81	6.3	2.870	89.7	2.7	0.6
700	2/16/2016 18:41:40	12.88	45.42	29.38	7.95	7.82	7.0	2.937	90.3	2.5	0.6
701	2/16/2016 18:56:40	12.86	45.51	29.45	7.95	7.82	6.6	2.980	90.4	2.8	0.7
702	2/16/2016 19:11:41	12.81	45.64	29.54	7.93	7.82	6.2	3.022	90.1	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	2/16/2016 19:26:41	12.73	45.89	29.71	7.89	7.82	7.0	3.061	89.6	2.9	0.7
704	2/16/2016 19:41:40	12.65	46.09	29.85	7.89	7.83	6.8	3.083	89.5	3.0	0.7
705	2/16/2016 19:56:41	12.62	46.18	29.92	7.86	7.83	6.2	3.098	89.2	2.4	0.6
706	2/16/2016 20:11:41	12.74	45.98	29.78	7.76	7.82	5.3	3.079	88.1	3.0	0.7
707	2/16/2016 20:26:40	12.70	45.96	29.77	7.76	7.82	6.4	3.061	88.1	2.3	0.5
708	2/16/2016 20:41:40	12.88	45.58	29.50	7.78	7.81	5.2	3.035	88.5	2.6	0.6
709	2/16/2016 20:56:41	12.94	45.22	29.24	7.78	7.81	6.0	2.991	88.5	2.7	0.6
710	2/16/2016 21:11:41	12.98	45.06	29.13	7.71	7.80	6.6	2.943	87.7	2.3	0.5
711	2/16/2016 21:26:40	13.00	44.90	29.02	7.77	7.80	7.0	2.883	88.3	2.8	0.7
712	2/16/2016 21:41:41	12.89	45.29	29.29	7.78	7.80	6.2	2.825	88.4	2.9	0.7
713	2/16/2016 21:56:41	12.89	45.27	29.27	7.77	7.80	6.1	2.776	88.3	2.7	0.6
714	2/16/2016 22:11:40	12.90	45.19	29.22	7.75	7.80	6.2	2.702	88.1	2.3	0.5
715	2/16/2016 22:26:41	12.98	44.98	29.07	7.70	7.79	6.5	2.644	87.5	2.3	0.5
716	2/16/2016 22:41:41	13.00	44.97	29.07	7.67	7.79	6.4	2.587	87.2	2.9	0.7
717	2/16/2016 22:56:41	13.02	44.95	29.05	7.65	7.78	5.9	2.548	87.1	2.3	0.5
718	2/16/2016 23:11:40	13.05	44.60	28.80	7.66	7.78	5.9	2.489	87.1	2.6	0.6
719	2/16/2016 23:26:41	13.04	44.85	28.98	7.64	7.78	5.6	2.455	86.9	2.7	0.6
720	2/16/2016 23:41:40	13.13	44.49	28.72	7.64	7.78	5.1	2.430	87.0	2.7	0.6
721	2/16/2016 23:56:40	13.13	44.43	28.68	7.66	7.78	5.1	2.370	87.1	3.1	0.7
722	2/17/2016 00:11:40	13.14	44.26	28.56	7.60	7.77	5.0	2.359	86.4	2.9	0.7
723	2/17/2016 00:26:41	13.14	44.48	28.72	7.61	7.77	4.5	2.370	86.6	2.5	0.6
724	2/17/2016 00:41:40	13.13	44.34	28.62	7.67	7.77	4.5	2.355	87.2	3.1	0.7
725	2/17/2016 00:56:40	13.18	44.24	28.55	7.66	7.77	5.0	2.344	87.2	2.8	0.7
726	2/17/2016 01:11:40	13.17	44.28	28.58	7.70	7.77	4.8	2.362	87.6	3.1	0.7
727	2/17/2016 01:26:40	13.09	44.55	28.77	7.66	7.77	5.3	2.404	87.2	2.5	0.6
728	2/17/2016 01:41:41	13.04	44.72	28.89	7.68	7.77	5.7	2.432	87.3	2.5	0.6
729	2/17/2016 01:56:40	13.05	44.61	28.81	7.73	7.78	5.6	2.453	87.9	2.6	0.6
730	2/17/2016 02:11:41	13.06	44.80	28.95	7.72	7.78	5.4	2.509	87.9	2.6	0.6
731	2/17/2016 02:26:40	13.04	44.70	28.87	7.72	7.78	5.9	2.562	87.8	2.2	0.5
732	2/17/2016 02:41:40	12.98	44.79	28.93	7.74	7.78	5.6	2.619	87.9	2.6	0.6
733	2/17/2016 02:56:40	12.97	44.82	28.96	7.77	7.79	5.6	2.690	88.2	1.9	0.4
734	2/17/2016 03:11:40	12.90	45.10	29.15	7.79	7.79	5.5	2.761	88.5	2.4	0.6
735	2/17/2016 03:26:40	12.82	45.31	29.31	7.81	7.80	5.8	2.817	88.6	2.3	0.5
736	2/17/2016 03:41:40	12.72	45.77	29.63	7.83	7.81	5.3	2.897	88.8	2.2	0.5
737	2/17/2016 03:56:41	12.54	46.45	30.11	7.81	7.82	7.2	2.976	88.5	2.1	0.5
738	2/17/2016 04:11:40	12.53	46.34	30.03	7.81	7.82	6.5	3.058	88.5	2.2	0.5
739	2/17/2016 04:26:41	12.42	46.72	30.30	7.77	7.83	8.4	3.138	88.0	1.8	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	2/17/2016 04:41:40	12.37	46.76	30.33	7.75	7.83	10.3	3.246	87.7	2.6	0.6
741	2/17/2016 04:56:41	12.21	47.27	30.69	7.67	7.83	10.6	3.300	86.7	2.2	0.5
742	2/17/2016 05:11:40	12.20	47.18	30.63	7.67	7.83	8.9	3.381	86.7	2.0	0.5
743	2/17/2016 05:26:40	12.12	47.39	30.77	7.64	7.83	9.6	3.468	86.2	2.4	0.6
744	2/17/2016 05:41:40	12.04	47.39	30.77	7.60	7.83	9.0	3.523	85.7	2.1	0.5
745	2/17/2016 05:56:41	11.96	47.83	31.08	7.57	7.83	9.4	3.603	85.3	2.7	0.6
746	2/17/2016 06:11:40	11.89	47.87	31.11	7.61	7.83	9.5	3.647	85.6	2.2	0.5
747	2/17/2016 06:26:40	11.85	47.92	31.14	7.62	7.84	9.5	3.739	85.7	1.8	0.4
748	2/17/2016 06:41:40	11.82	48.03	31.22	7.63	7.84	8.1	3.796	85.8	2.8	0.7
749	2/17/2016 06:56:41	11.80	48.01	31.21	7.64	7.84	7.8	3.800	85.9	1.9	0.4
750	2/17/2016 07:11:41	11.80	48.15	31.30	7.50	7.85	6.1	3.834	84.4	2.2	0.5
751	2/17/2016 07:26:41	11.84	48.11	31.28	7.51	7.84	7.9	3.818	84.5	2.0	0.5
752	2/17/2016 07:41:41	11.81	48.17	31.32	7.58	7.85	7.9	3.787	85.3	2.0	0.5
753	2/17/2016 07:56:41	11.84	48.15	31.31	7.53	7.84	7.5	3.765	84.8	2.0	0.5
754	2/17/2016 08:11:40	12.03	47.50	30.85	7.58	7.83	7.8	3.687	85.4	2.0	0.5
755	2/17/2016 08:26:41	12.17	47.31	30.72	7.60	7.83	5.8	3.639	85.8	1.9	0.4
756	2/17/2016 08:41:40	12.32	46.88	30.41	7.63	7.82	6.3	3.581	86.3	2.1	0.5
757	2/17/2016 08:56:40	12.44	46.66	30.26	7.67	7.82	5.7	3.488	86.9	2.5	0.6
758	2/17/2016 09:11:41	12.45	46.53	30.16	7.65	7.81	6.2	3.398	86.6	1.9	0.5
759	2/17/2016 09:26:40	12.57	46.21	29.94	7.70	7.81	7.1	3.310	87.3	2.5	0.6
760	2/17/2016 09:41:40	12.53	46.26	29.97	7.73	7.82	6.4	3.219	87.5	2.6	0.6
761	2/17/2016 09:56:41	12.56	46.38	30.06	7.74	7.82	7.3	3.114	87.8	2.1	0.5
762	2/17/2016 10:11:41	12.65	46.14	29.89	7.75	7.82	7.6	3.020	88.0	2.1	0.5
763	2/17/2016 10:26:41	12.76	45.91	29.73	7.76	7.81	7.6	2.903	88.2	2.2	0.5
764	2/17/2016 10:41:40	12.87	45.68	29.57	7.78	7.81	8.2	2.796	88.5	2.0	0.5
765	2/17/2016 10:56:40	12.97	45.43	29.39	7.80	7.80	7.6	2.708	88.8	1.6	0.4
766	2/17/2016 11:11:40	13.04	45.14	29.19	7.83	7.80	8.7	2.588	89.2	2.4	0.6
767	2/17/2016 11:26:40	13.10	45.10	29.16	7.89	7.81	12.2	2.476	90.0	2.8	0.7
768	2/17/2016 11:41:40	13.13	45.42	29.39	7.92	7.81	14.2	2.381	90.5	2.8	0.7
769	2/17/2016 11:56:40	13.26	45.14	29.19	7.94	7.81	14.1	2.286	90.8	2.7	0.6
770	2/17/2016 12:11:40	13.33	45.01	29.11	7.94	7.81	14.8	2.179	91.0	3.0	0.7
771	2/17/2016 12:26:41	13.39	45.18	29.22	7.95	7.81	15.6	2.074	91.3	2.7	0.6
772	2/17/2016 12:41:40	13.51	45.19	29.24	8.00	7.82	18.1	1.975	92.0	3.2	0.8
773	2/17/2016 12:56:40	13.55	44.69	28.88	7.99	7.81	21.1	1.906	91.8	3.4	0.8
774	2/17/2016 13:11:40	13.60	44.75	28.93	7.99	7.81	19.4	1.788	91.9	3.0	0.7
775	2/17/2016 13:26:41	13.64	44.62	28.83	7.97	7.81	19.2	1.704	91.7	2.9	0.7
776	2/17/2016 13:41:40	13.62	44.26	28.57	7.92	7.80	14.5	1.633	90.9	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	2/17/2016 13:56:40	13.60	44.27	28.58	7.83	7.80	20.7	1.624	89.9	3.5	0.8
778	2/17/2016 14:11:40	13.59	44.11	28.47	7.79	7.80	10.9	1.623	89.3	2.4	0.6
779	2/17/2016 14:26:40	13.56	44.22	28.55	7.93	7.80	13.1	1.619	90.9	3.0	0.7
780	2/17/2016 14:41:40	13.54	43.89	28.31	7.97	7.80	14.7	1.620	91.3	3.3	0.8
781	2/17/2016 14:56:41	13.51	44.26	28.57	7.95	7.80	20.6	1.663	91.1	3.5	0.8
782	2/17/2016 15:11:40	13.49	44.26	28.57	7.97	7.80	14.2	1.666	91.3	3.0	0.7
783	2/17/2016 15:26:40	13.45	44.04	28.41	7.95	7.79	16.8	1.735	90.9	3.5	0.8
784	2/17/2016 15:41:40	13.43	43.47	28.01	7.92	7.78	23.8	1.816	90.3	3.6	0.9
785	2/17/2016 15:56:40	13.35	43.99	28.37	7.91	7.78	15.5	1.879	90.2	3.4	0.8
786	2/17/2016 16:11:40	13.33	44.04	28.41	7.88	7.78	14.2	1.950	89.9	3.1	0.7
787	2/17/2016 16:26:40	13.31	44.09	28.44	7.88	7.78	13.4	2.014	89.8	3.3	0.8
788	2/17/2016 16:41:40	13.29	44.11	28.46	7.84	7.78	11.0	2.094	89.4	2.9	0.7
789	2/17/2016 16:56:41	13.25	44.50	28.74	7.79	7.78	12.3	2.183	88.9	2.9	0.7
790	2/17/2016 17:11:41	13.14	44.68	28.86	7.84	7.79	11.8	2.238	89.3	2.6	0.6
791	2/17/2016 17:26:40	13.11	44.86	28.99	7.84	7.79	10.5	2.315	89.4	3.2	0.7
792	2/17/2016 17:41:40	13.10	44.95	29.06	7.83	7.79	12.1	2.396	89.3	2.6	0.6
793	2/17/2016 17:56:41	13.01	45.24	29.26	7.81	7.79	12.0	2.472	89.0	3.0	0.7
794	2/17/2016 18:11:40	12.92	45.24	29.26	7.80	7.80	13.3	2.546	88.7	2.6	0.6
795	2/17/2016 18:26:41	12.88	45.48	29.42	7.77	7.80	12.8	2.620	88.4	2.7	0.6
796	2/17/2016 18:41:41	12.81	45.74	29.61	7.75	7.80	12.3	2.701	88.1	2.3	0.5
797	2/17/2016 18:56:41	12.76	45.78	29.64	7.74	7.80	11.9	2.776	87.9	2.7	0.6
798	2/17/2016 19:11:40	12.72	45.88	29.70	7.72	7.80	12.9	2.858	87.6	2.7	0.6
799	2/17/2016 19:26:40	12.59	46.07	29.84	7.75	7.81	13.9	2.931	87.9	2.8	0.7
800	2/17/2016 19:41:41	12.50	46.29	29.99	7.76	7.81	13.7	3.010	87.8	2.6	0.6
801	2/17/2016 19:56:41	12.43	46.28	29.98	7.76	7.81	12.5	3.067	87.8	2.5	0.6
802	2/17/2016 20:11:41	12.35	46.55	30.17	7.77	7.82	11.3	3.123	87.9	2.8	0.7
803	2/17/2016 20:26:41	12.28	46.78	30.34	7.79	7.82	9.5	3.176	88.0	2.4	0.6
804	2/17/2016 20:41:40	12.23	46.66	30.25	7.78	7.83	8.3	3.217	87.7	2.2	0.5
805	2/17/2016 20:56:40	12.20	47.00	30.49	7.71	7.83	7.0	3.237	87.0	2.6	0.6
806	2/17/2016 21:11:41	12.17	47.14	30.60	7.65	7.83	6.9	3.256	86.4	2.6	0.6
807	2/17/2016 21:26:41	12.24	46.92	30.44	7.70	7.83	7.1	3.261	86.9	2.4	0.6
808	2/17/2016 21:41:41	12.24	46.73	30.30	7.62	7.82	7.9	3.223	86.0	2.3	0.5
809	2/17/2016 21:56:40	12.26	46.44	30.09	7.66	7.82	7.4	3.222	86.4	2.6	0.6
810	2/17/2016 22:11:41	12.26	46.49	30.13	7.66	7.82	7.9	3.146	86.4	2.6	0.6
811	2/17/2016 22:26:41	12.30	46.13	29.87	7.69	7.81	9.5	3.092	86.6	2.2	0.5
812	2/17/2016 22:41:41	12.31	46.00	29.78	7.69	7.81	10.5	3.035	86.6	3.2	0.7
813	2/17/2016 22:56:41	12.37	45.81	29.65	7.70	7.80	11.2	2.960	86.8	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	2/17/2016 23:11:40	12.46	45.74	29.60	7.70	7.81	9.6	2.910	86.9	2.5	0.6
815	2/17/2016 23:26:40	12.48	45.39	29.35	7.72	7.80	8.7	2.838	87.0	2.9	0.7
816	2/17/2016 23:41:40	12.50	45.40	29.36	7.73	7.80	8.2	2.765	87.1	2.6	0.6
817	2/17/2016 23:56:41	12.52	45.27	29.26	7.72	7.80	8.4	2.710	87.0	2.9	0.7
818	2/18/2016 00:11:41	12.52	44.83	28.95	7.76	7.79	8.8	2.668	87.4	2.8	0.7
819	2/18/2016 00:26:41	12.44	44.65	28.82	7.77	7.79	8.6	2.606	87.2	2.7	0.6
820	2/18/2016 00:41:41	12.38	44.75	28.89	7.76	7.79	8.8	2.565	87.1	2.4	0.6
821	2/18/2016 00:56:40	12.41	44.52	28.72	7.76	7.79	8.6	2.532	87.0	2.8	0.7
822	2/18/2016 01:11:41	12.37	44.80	28.92	7.74	7.79	8.6	2.493	86.8	2.3	0.5
823	2/18/2016 01:26:40	12.34	44.59	28.77	7.73	7.79	9.0	2.471	86.6	2.7	0.6
824	2/18/2016 01:41:41	12.58	45.23	29.24	7.49	7.78	5.3	2.436	84.6	2.3	0.6
825	2/18/2016 01:56:41	12.57	45.35	29.33	7.56	7.78	6.6	2.431	85.3	2.3	0.5
826	2/18/2016 02:11:41	12.50	45.03	29.09	7.72	7.79	7.8	2.442	86.9	2.5	0.6
827	2/18/2016 02:26:41	12.50	44.88	28.98	7.71	7.78	7.9	2.445	86.7	2.8	0.6
828	2/18/2016 02:41:41	12.55	45.10	29.14	7.71	7.79	6.7	2.450	87.0	2.6	0.6
829	2/18/2016 02:56:41	12.55	45.20	29.21	7.72	7.79	7.2	2.490	87.1	2.7	0.6
830	2/18/2016 03:11:41	12.45	44.77	28.90	7.75	7.78	7.8	2.523	87.0	2.2	0.5
831	2/18/2016 03:26:41	12.40	44.64	28.81	7.76	7.78	8.9	2.583	87.0	2.3	0.5
832	2/18/2016 03:41:41	12.50	45.14	29.17	7.71	7.78	9.4	2.637	86.9	2.7	0.6
833	2/18/2016 03:56:41	12.38	45.34	29.31	7.72	7.79	9.3	2.689	86.8	2.7	0.6
834	2/18/2016 04:11:41	12.30	45.35	29.31	7.75	7.79	8.0	2.759	87.0	2.7	0.6
835	2/18/2016 04:26:41	12.30	45.81	29.64	7.74	7.80	10.5	2.831	87.1	2.3	0.5
836	2/18/2016 04:41:41	12.28	46.01	29.79	7.76	7.80	12.3	2.924	87.4	2.4	0.6
837	2/18/2016 04:56:41	12.25	46.20	29.92	7.76	7.81	10.5	2.976	87.4	2.8	0.7
838	2/18/2016 05:11:41	12.23	46.13	29.87	7.77	7.81	10.3	3.066	87.4	2.3	0.5
839	2/18/2016 05:26:41	12.18	46.25	29.96	7.79	7.81	11.2	3.166	87.6	2.7	0.6
840	2/18/2016 05:41:41	12.07	46.49	30.12	7.81	7.82	13.3	3.247	87.7	2.5	0.6
841	2/18/2016 05:56:41	11.99	46.78	30.33	7.82	7.82	12.8	3.317	87.8	2.7	0.6
842	2/18/2016 06:11:41	11.94	46.92	30.42	7.84	7.83	12.3	3.413	88.0	2.4	0.6
843	2/18/2016 06:26:41	11.85	47.14	30.58	7.87	7.83	11.1	3.490	88.2	1.8	0.4
844	2/18/2016 06:41:40	11.76	47.23	30.64	7.90	7.84	11.1	3.561	88.4	2.1	0.5
845	2/18/2016 06:56:41	11.66	47.51	30.84	7.94	7.84	10.6	3.612	88.8	2.5	0.6
846	2/18/2016 07:11:41	11.59	47.45	30.79	7.96	7.84	8.9	3.700	88.9	2.2	0.5
847	2/18/2016 07:26:41	11.51	47.43	30.77	7.98	7.85	7.6	3.744	88.9	2.1	0.5
848	2/18/2016 07:41:41	11.51	47.57	30.88	7.92	7.85	8.1	3.784	88.3	1.7	0.4
849	2/18/2016 07:56:41	11.48	47.60	30.89	7.88	7.85	6.8	3.818	87.8	1.6	0.4
850	2/18/2016 08:11:41	11.48	47.51	30.83	7.78	7.86	5.6	3.830	86.7	1.5	0.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	2/18/2016 08:26:41	11.54	47.50	30.82	7.78	7.85	6.8	3.845	86.7	1.9	0.4
852	2/18/2016 08:41:41	11.54	47.40	30.75	7.72	7.85	7.0	3.826	86.0	1.9	0.5
853	2/18/2016 08:56:40	11.50	47.44	30.78	7.81	7.85	7.6	3.797	87.0	2.3	0.5
854	2/18/2016 09:11:41	11.62	47.30	30.68	7.74	7.84	6.5	3.766	86.4	1.8	0.4
855	2/18/2016 09:26:41	11.84	46.37	30.02	7.72	7.83	6.8	3.718	86.2	2.3	0.5
856	2/18/2016 09:41:41	11.88	46.41	30.06	7.72	7.82	7.2	3.666	86.3	2.6	0.6
857	2/18/2016 09:56:41	11.84	46.19	29.90	7.76	7.82	7.2	3.577	86.6	2.0	0.5
858	2/18/2016 10:11:41	11.81	46.02	29.77	7.76	7.82	7.8	3.500	86.5	2.1	0.5
859	2/18/2016 10:26:40	11.88	45.92	29.70	7.73	7.82	8.7	3.407	86.2	2.2	0.5
860	2/18/2016 10:41:41	11.90	45.73	29.57	7.74	7.81	9.3	3.304	86.3	2.0	0.5
861	2/18/2016 10:56:41	11.91	45.42	29.35	7.76	7.81	10.8	3.191	86.5	2.4	0.6
862	2/18/2016 11:11:41	11.96	45.43	29.36	7.75	7.81	12.5	3.089	86.4	2.6	0.6
863	2/18/2016 11:26:41	12.00	45.17	29.17	7.74	7.80	10.6	2.983	86.3	2.4	0.6
864	2/18/2016 11:41:41	12.04	44.98	29.04	7.76	7.80	9.7	2.882	86.5	2.9	0.7
865	2/18/2016 11:56:41	12.09	44.92	29.00	7.79	7.80	8.6	2.745	86.9	2.9	0.7
866	2/18/2016 12:11:41	12.11	44.76	28.89	7.84	7.80	8.9	2.654	87.4	2.6	0.6
867	2/18/2016 12:26:41	12.18	44.97	29.04	7.79	7.80	10.3	2.527	87.1	2.3	0.6
868	2/18/2016 12:41:41	12.20	44.95	29.02	7.80	7.80	9.5	2.394	87.3	2.3	0.5
869	2/18/2016 12:56:41	12.24	44.92	29.00	7.85	7.81	9.4	2.294	87.8	2.2	0.5
870	2/18/2016 13:11:41	12.27	44.83	28.94	7.85	7.80	8.3	2.158	87.8	2.5	0.6
871	2/18/2016 13:26:41	12.26	44.55	28.74	7.91	7.81	8.8	2.034	88.4	2.7	0.6
872	2/18/2016 13:41:41	12.28	44.51	28.71	7.91	7.81	10.9	1.938	88.4	2.8	0.7
873	2/18/2016 13:56:41	12.29	44.24	28.52	7.93	7.81	12.7	1.832	88.6	2.7	0.6
874	2/18/2016 14:11:41	12.31	44.10	28.42	7.94	7.80	15.3	1.695	88.6	2.5	0.6
875	2/18/2016 14:26:41	12.30	44.04	28.37	7.92	7.80	12.4	1.661	88.4	2.9	0.7
876	2/18/2016 14:41:41	12.32	43.92	28.29	7.93	7.81	13.4	1.545	88.5	3.1	0.7
877	2/18/2016 14:56:41	12.31	43.89	28.27	7.92	7.80	11.9	1.513	88.3	2.6	0.6
878	2/18/2016 15:11:41	12.31	43.88	28.26	7.82	7.80	9.1	1.457	87.2	3.0	0.7
879	2/18/2016 15:26:41	12.41	43.93	28.30	8.03	7.81	16.1	1.470	89.8	2.6	0.6
880	2/18/2016 15:41:41	12.36	44.02	28.36	7.98	7.81	11.9	1.514	89.2	2.6	0.6
881	2/18/2016 15:56:40	12.36	44.02	28.36	7.95	7.81	13.2	1.500	88.9	2.6	0.6
882	2/18/2016 16:11:40	12.36	43.82	28.22	7.95	7.80	12.5	1.604	88.7	3.2	0.8
883	2/18/2016 16:26:41	12.33	43.75	28.17	7.91	7.79	10.4	1.671	88.3	2.8	0.7
884	2/18/2016 16:41:41	12.30	43.24	27.80	7.90	7.78	10.6	1.780	87.8	3.2	0.8
885	2/18/2016 16:56:41	12.28	43.34	27.87	7.86	7.78	10.3	1.835	87.4	2.7	0.6
886	2/18/2016 17:11:41	12.29	43.67	28.11	7.83	7.78	9.5	1.932	87.3	2.7	0.6
887	2/18/2016 17:26:41	12.27	43.72	28.15	7.81	7.78	9.4	2.011	87.0	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	2/18/2016 17:41:41	12.25	43.78	28.19	7.78	7.78	10.1	2.128	86.6	2.5	0.6
889	2/18/2016 17:56:41	12.24	44.05	28.38	7.77	7.78	10.3	2.174	86.6	2.8	0.7
890	2/18/2016 18:11:41	12.23	44.09	28.41	7.78	7.78	11.4	2.286	86.7	3.3	0.8
891	2/18/2016 18:26:41	12.22	44.30	28.56	7.77	7.78	11.1	2.330	86.7	2.9	0.7
892	2/18/2016 18:41:41	12.21	44.48	28.69	7.76	7.78	11.7	2.456	86.6	2.9	0.7
893	2/18/2016 18:56:41	12.20	44.65	28.80	7.75	7.78	11.0	2.522	86.5	2.3	0.5
894	2/18/2016 19:11:40	12.19	44.47	28.68	7.74	7.79	12.1	2.594	86.4	2.6	0.6
895	2/18/2016 19:26:41	12.17	44.66	28.82	7.73	7.79	13.2	2.696	86.3	2.6	0.6
896	2/18/2016 19:41:40	12.16	44.82	28.93	7.71	7.79	13.6	2.786	86.1	3.0	0.7
897	2/18/2016 19:56:41	12.12	45.04	29.08	7.71	7.79	14.4	2.830	86.1	2.5	0.6
898	2/18/2016 20:11:41	12.09	45.22	29.21	7.73	7.80	14.9	2.926	86.3	3.0	0.7
899	2/18/2016 20:26:41	12.05	45.25	29.23	7.75	7.80	14.2	2.999	86.5	2.8	0.7
900	2/18/2016 20:41:40	12.00	45.56	29.45	7.80	7.81	15.2	3.111	87.1	2.1	0.5
901	2/18/2016 20:56:41	11.88	45.99	29.76	7.95	7.82	16.4	3.148	88.8	2.7	0.6
902	2/18/2016 21:11:41	11.82	46.22	29.92	8.02	7.82	15.0	3.209	89.5	2.8	0.7
903	2/18/2016 21:26:41	11.78	46.28	29.96	8.04	7.83	11.9	3.266	89.7	2.5	0.6
904	2/18/2016 21:41:41	11.75	46.34	30.00	8.07	7.83	12.4	3.338	89.9	2.4	0.6
905	2/18/2016 21:56:41	11.73	46.48	30.10	8.04	7.83	10.4	3.316	89.6	2.0	0.5
906	2/18/2016 22:11:41	11.71	46.37	30.02	8.00	7.83	6.7	3.356	89.1	1.9	0.4
907	2/18/2016 22:26:41	11.69	46.43	30.06	7.98	7.83	8.6	3.367	88.8	3.2	0.8
908	2/18/2016 22:41:41	11.73	46.42	30.06	7.98	7.83	10.3	3.352	88.9	2.9	0.7
909	2/18/2016 22:56:41	11.87	45.65	29.51	7.74	7.81	10.3	3.318	86.2	2.3	0.5
910	2/18/2016 23:11:41	11.81	45.64	29.50	7.81	7.81	9.4	3.250	86.9	2.4	0.6
911	2/18/2016 23:26:41	11.95	45.04	29.07	7.67	7.80	10.5	3.191	85.3	2.7	0.6
912	2/18/2016 23:41:41	11.94	45.25	29.23	7.66	7.80	11.1	3.129	85.3	2.7	0.6
913	2/18/2016 23:56:41	11.94	45.19	29.18	7.69	7.79	9.7	3.033	85.6	2.7	0.6
914	2/19/2016 00:11:41	11.96	44.85	28.94	7.64	7.79	10.6	2.960	85.0	2.7	0.6
915	2/19/2016 00:26:41	11.95	44.70	28.83	7.65	7.79	11.4	2.884	85.0	2.7	0.6
916	2/19/2016 00:41:41	11.94	44.51	28.69	7.66	7.79	9.6	2.818	85.1	2.7	0.6
917	2/19/2016 00:56:41	11.96	44.66	28.81	7.64	7.78	8.9	2.725	84.9	2.7	0.6
918	2/19/2016 01:11:41	11.97	44.64	28.79	7.63	7.78	8.6	2.670	84.8	2.2	0.5
919	2/19/2016 01:26:41	11.96	44.52	28.71	7.64	7.78	8.6	2.606	84.8	2.2	0.5
920	2/19/2016 01:41:41	11.96	44.31	28.55	7.63	7.78	8.3	2.577	84.7	3.0	0.7
921	2/19/2016 01:56:41	11.95	44.31	28.56	7.63	7.78	7.9	2.543	84.6	2.5	0.6
922	2/19/2016 02:11:41	11.94	44.31	28.55	7.62	7.78	8.0	2.493	84.5	2.4	0.6
923	2/19/2016 02:26:41	11.94	44.03	28.35	7.61	7.77	7.4	2.471	84.2	2.6	0.6
924	2/19/2016 02:41:41	11.93	44.16	28.45	7.59	7.77	7.3	2.454	84.1	2.7	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	2/19/2016 02:56:41	11.95	44.22	28.49	7.53	7.77	7.9	2.431	83.5	2.6	0.6
926	2/19/2016 03:11:41	12.00	44.30	28.55	7.56	7.77	6.8	2.395	83.9	1.7	0.4
927	2/19/2016 03:26:41	11.98	44.25	28.51	7.61	7.77	7.3	2.440	84.5	2.7	0.6
928	2/19/2016 03:41:41	11.94	44.22	28.49	7.65	7.77	7.5	2.455	84.8	2.4	0.6
929	2/19/2016 03:56:41	11.96	44.30	28.55	7.62	7.77	7.8	2.467	84.6	2.1	0.5
930	2/19/2016 04:11:41	11.84	43.71	28.12	7.70	7.77	8.3	2.520	84.9	2.4	0.6
931	2/19/2016 04:26:41	11.93	44.30	28.55	7.65	7.77	9.3	2.562	84.8	2.8	0.6
932	2/19/2016 04:41:41	11.96	44.64	28.79	7.64	7.78	9.3	2.616	84.9	2.0	0.5
933	2/19/2016 04:56:41	11.88	44.30	28.55	7.69	7.77	9.0	2.688	85.2	2.6	0.6
934	2/19/2016 05:11:41	11.88	44.90	28.97	7.73	7.78	9.7	2.737	85.8	2.1	0.5
935	2/19/2016 05:26:41	11.82	44.95	29.01	7.81	7.79	11.1	2.826	86.6	2.3	0.5
936	2/19/2016 05:41:41	11.80	45.27	29.24	7.84	7.79	11.4	2.894	87.1	2.6	0.6
937	2/19/2016 05:56:41	11.81	45.22	29.20	7.87	7.80	11.7	2.982	87.3	2.4	0.6
938	2/19/2016 06:11:41	11.78	45.60	29.47	7.89	7.80	13.6	3.080	87.7	2.4	0.6
939	2/19/2016 06:26:41	11.69	45.86	29.66	7.99	7.81	15.1	3.171	88.7	2.1	0.5
940	2/19/2016 06:41:41	11.62	45.94	29.71	8.08	7.82	14.9	3.296	89.7	2.3	0.5
941	2/19/2016 06:56:41	11.57	46.18	29.87	8.16	7.83	18.0	3.396	90.6	2.5	0.6
942	2/19/2016 07:11:41	11.51	46.33	29.98	8.22	7.84	18.3	3.498	91.1	2.5	0.6
943	2/19/2016 07:26:41	11.49	46.44	30.06	8.26	7.84	15.8	3.620	91.6	2.5	0.6
944	2/19/2016 07:41:41	11.43	46.43	30.05	8.31	7.85	15.2	3.654	92.0	2.3	0.5
945	2/19/2016 07:56:41	11.37	46.13	29.83	8.25	7.84	11.1	3.746	91.1	2.1	0.5
946	2/19/2016 08:11:41	11.32	46.30	29.95	8.33	7.86	11.6	3.799	91.9	2.2	0.5
947	2/19/2016 08:26:40	11.33	46.42	30.04	8.34	7.86	11.1	3.842	92.1	1.9	0.4
948	2/19/2016 08:41:41	11.33	46.38	30.01	8.35	7.86	10.1	3.907	92.3	2.2	0.5
949	2/19/2016 08:56:41	11.32	46.60	30.17	8.27	7.87	9.7	3.924	91.5	1.6	0.4
950	2/19/2016 09:11:41	11.35	46.68	30.22	8.24	7.87	9.0	3.968	91.2	1.8	0.4
951	2/19/2016 09:26:41	11.34	46.63	30.19	8.18	7.87	7.9	3.970	90.5	2.9	0.7
952	2/19/2016 09:41:41	11.35	46.73	30.26	8.21	7.87	9.2	3.955	90.9	1.7	0.4
953	2/19/2016 09:56:41	11.34	46.67	30.22	8.25	7.87	10.2	3.909	91.3	2.2	0.5
954	2/19/2016 10:11:41	11.49	46.18	29.87	8.12	7.85	9.5	3.872	89.9	1.7	0.4
955	2/19/2016 10:26:41	11.49	46.18	29.87	8.09	7.84	10.1	3.801	89.6	2.3	0.5
956	2/19/2016 10:41:41	11.63	45.88	29.66	8.03	7.84	8.6	3.685	89.1	2.2	0.5
957	2/19/2016 10:56:41	11.61	45.43	29.34	8.05	7.83	9.2	3.628	89.0	2.0	0.5
958	2/19/2016 11:11:41	11.50	45.72	29.54	8.02	7.83	11.3	3.527	88.7	1.9	0.4
959	2/19/2016 11:26:41	11.68	45.10	29.11	7.98	7.82	10.7	3.391	88.3	2.3	0.5
960	2/19/2016 11:41:41	11.73	44.73	28.85	7.96	7.81	10.8	3.307	88.1	2.5	0.6
961	2/19/2016 11:56:41	11.77	44.60	28.75	7.93	7.81	10.3	3.185	87.7	2.2	0.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	2/19/2016 12:11:41	11.81	44.47	28.66	7.94	7.80	11.0	3.056	87.9	2.4	0.6
963	2/19/2016 12:26:41	11.88	44.12	28.42	7.92	7.80	11.9	2.947	87.7	2.2	0.5
964	2/19/2016 12:41:41	11.97	44.01	28.34	7.94	7.80	11.4	2.827	88.0	2.0	0.5
965	2/19/2016 12:56:41	12.00	43.96	28.31	7.95	7.80	11.9	2.709	88.1	2.1	0.5
966	2/19/2016 13:11:41	12.20	44.16	28.46	8.01	7.81	11.2	2.609	89.3	2.2	0.5
967	2/19/2016 13:26:41	12.21	43.97	28.32	8.02	7.81	11.2	2.472	89.3	2.3	0.5
968	2/19/2016 13:41:41	12.17	43.98	28.33	7.99	7.81	13.0	2.330	89.0	2.3	0.5
969	2/19/2016 13:56:41	12.14	44.10	28.41	7.96	7.80	14.5	2.209	88.6	2.2	0.5
970	2/19/2016 14:11:41	12.24	44.19	28.48	7.99	7.81	13.1	2.088	89.1	2.6	0.6
971	2/19/2016 14:26:41	12.27	43.99	28.34	8.03	7.81	11.9	1.955	89.5	2.2	0.5
972	2/19/2016 14:41:41	12.30	43.98	28.33	8.02	7.81	11.7	1.835	89.5	2.8	0.7
973	2/19/2016 14:56:41	12.32	44.00	28.34	8.03	7.82	12.1	1.721	89.6	2.6	0.6
974	2/19/2016 15:11:41	12.26	43.99	28.34	8.03	7.81	12.2	1.629	89.5	2.2	0.5
975	2/19/2016 15:26:40	12.28	43.88	28.26	8.02	7.81	11.4	1.556	89.4	2.8	0.7
976	2/19/2016 15:41:41	12.27	43.92	28.29	8.01	7.81	11.7	1.458	89.3	3.0	0.7
977	2/19/2016 15:56:41	12.28	43.71	28.14	7.98	7.81	11.5	1.446	88.9	3.0	0.7
978	2/19/2016 16:11:41	12.46	43.95	28.31	8.11	7.82	18.1	1.463	90.8	2.8	0.6
979	2/19/2016 16:26:41	12.36	43.96	28.32	8.07	7.81	12.5	1.450	90.1	2.8	0.7
980	2/19/2016 16:41:41	12.32	43.94	28.30	8.06	7.81	11.8	1.513	89.9	1.9	0.4
981	2/19/2016 16:56:41	12.32	43.65	28.10	8.05	7.81	13.4	1.594	89.7	2.5	0.6
982	2/19/2016 17:11:40	12.26	42.26	27.11	8.02	7.79	12.7	1.657	88.8	2.6	0.6
983	2/19/2016 17:26:40	12.23	42.35	27.17	7.98	7.79	11.5	1.739	88.3	2.9	0.7
984	2/19/2016 17:41:41	12.22	42.34	27.16	7.96	7.79	11.8	1.858	88.0	2.5	0.6
985	2/19/2016 17:56:41	12.22	42.66	27.39	7.95	7.79	11.4	1.944	88.0	2.9	0.7
986	2/19/2016 18:11:41	12.20	42.45	27.24	7.95	7.78	11.4	2.041	87.9	3.1	0.7
987	2/19/2016 18:26:40	12.17	42.75	27.45	7.92	7.79	11.4	2.132	87.6	3.0	0.7
988	2/19/2016 18:41:41	12.12	43.30	27.84	7.90	7.79	12.6	2.222	87.6	2.3	0.5
989	2/19/2016 18:56:41	12.08	43.46	27.96	7.89	7.79	13.0	2.308	87.4	2.5	0.6
990	2/19/2016 19:11:41	12.03	43.59	28.05	7.90	7.79	13.3	2.404	87.4	2.7	0.6
991	2/19/2016 19:26:40	12.02	43.74	28.15	7.90	7.79	13.4	2.488	87.5	3.1	0.7
992	2/19/2016 19:41:41	11.99	43.74	28.15	7.90	7.79	14.8	2.582	87.5	2.5	0.6
993	2/19/2016 19:56:40	11.98	43.71	28.13	7.91	7.79	14.6	2.660	87.6	3.3	0.8
994	2/19/2016 20:11:41	11.94	43.67	28.10	7.92	7.79	14.2	2.751	87.6	2.5	0.6
995	2/19/2016 20:26:41	11.90	43.86	28.23	7.92	7.79	18.5	2.846	87.6	2.9	0.7
996	2/19/2016 20:41:41	11.88	44.07	28.38	7.93	7.80	18.0	2.926	87.7	3.0	0.7
997	2/19/2016 20:56:40	11.84	44.10	28.40	7.96	7.80	18.2	3.023	88.0	2.6	0.6
998	2/19/2016 21:11:41	11.81	44.53	28.71	7.98	7.81	16.5	3.101	88.3	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	2/19/2016 21:26:41	11.79	44.84	28.92	8.00	7.82	21.2	3.178	88.7	2.3	0.5
1000	2/19/2016 21:41:41	11.69	45.37	29.30	8.10	7.83	18.8	3.264	89.8	3.4	0.8
1001	2/19/2016 21:56:41	11.65	45.62	29.48	8.11	7.84	15.6	3.328	90.0	2.5	0.6
1002	2/19/2016 22:11:41	11.65	45.70	29.53	8.11	7.84	14.7	3.408	89.9	2.5	0.6
1003	2/19/2016 22:26:41	11.63	45.75	29.57	8.12	7.84	11.8	3.443	90.0	2.5	0.6
1004	2/19/2016 22:41:41	11.62	45.86	29.65	8.05	7.85	10.7	3.478	89.2	2.5	0.6
1005	2/19/2016 22:56:41	11.62	45.78	29.59	7.96	7.85	6.0	3.496	88.3	1.7	0.4
1006	2/19/2016 23:11:41	11.63	45.78	29.59	7.99	7.84	9.5	3.472	88.6	2.2	0.5
1007	2/19/2016 23:26:41	11.65	45.51	29.40	7.96	7.84	9.8	3.453	88.2	2.4	0.6
1008	2/19/2016 23:41:41	11.61	44.99	29.03	7.94	7.83	9.9	3.406	87.7	2.3	0.5
1009	2/19/2016 23:56:41	11.57	44.57	28.73	7.88	7.82	12.3	3.325	86.8	2.9	0.7
1010	2/20/2016 00:11:41	11.57	44.22	28.47	7.85	7.81	13.1	3.283	86.3	2.8	0.7
1011	2/20/2016 00:26:41	11.54	44.22	28.47	7.88	7.81	11.4	3.185	86.5	2.9	0.7
1012	2/20/2016 00:41:41	11.55	43.90	28.25	7.82	7.80	12.1	3.093	85.8	2.4	0.6
1013	2/20/2016 00:56:41	11.61	43.54	27.99	7.82	7.79	16.7	3.019	85.8	2.8	0.7
1014	2/20/2016 01:11:40	11.55	43.60	28.03	7.80	7.79	11.4	2.937	85.5	3.3	0.8
1015	2/20/2016 01:26:41	11.55	43.65	28.07	7.79	7.79	10.7	2.885	85.4	2.8	0.7
1016	2/20/2016 01:41:41	11.55	43.49	27.95	7.78	7.78	10.8	2.786	85.2	2.6	0.6
1017	2/20/2016 01:56:41	11.51	43.62	28.04	7.79	7.78	10.2	2.734	85.3	2.9	0.7
1018	2/20/2016 02:11:40	11.50	43.36	27.86	7.79	7.78	10.0	2.646	85.2	2.2	0.5
1019	2/20/2016 02:26:41	11.49	42.90	27.53	7.77	7.78	9.5	2.580	84.8	2.7	0.6
1020	2/20/2016 02:41:41	11.44	42.84	27.49	7.76	7.77	9.2	2.535	84.6	2.6	0.6
1021	2/20/2016 02:56:41	11.40	42.58	27.30	7.76	7.77	8.7	2.462	84.3	2.8	0.6
1022	2/20/2016 03:11:41	11.34	42.85	27.49	7.72	7.77	8.9	2.428	84.0	2.8	0.6
1023	2/20/2016 03:26:42	11.38	42.84	27.49	7.72	7.77	8.5	2.366	84.0	2.7	0.6
1024	2/20/2016 03:41:41	11.37	42.68	27.37	7.69	7.77	7.8	2.361	83.6	2.2	0.5
1025	2/20/2016 03:56:41	11.40	42.76	27.43	7.67	7.77	8.1	2.359	83.5	1.8	0.4
1026	2/20/2016 04:11:41	11.60	42.95	27.57	7.74	7.77	7.5	2.348	84.7	2.6	0.6
1027	2/20/2016 04:26:41	11.61	42.93	27.56	7.76	7.77	7.9	2.369	84.9	2.7	0.6
1028	2/20/2016 04:41:41	11.48	42.66	27.36	7.79	7.76	8.9	2.404	84.9	2.5	0.6
1029	2/20/2016 04:56:41	11.51	42.86	27.50	7.78	7.77	8.6	2.433	84.9	2.5	0.6
1030	2/20/2016 05:11:41	11.49	42.59	27.31	7.78	7.76	9.1	2.509	84.8	2.5	0.6
1031	2/20/2016 05:26:41	11.55	42.76	27.44	7.78	7.77	9.9	2.578	84.9	2.5	0.6
1032	2/20/2016 05:41:41	11.55	42.87	27.52	7.79	7.77	10.3	2.647	85.1	3.0	0.7
1033	2/20/2016 05:56:41	11.58	43.33	27.84	7.80	7.78	11.2	2.720	85.5	2.5	0.6
1034	2/20/2016 06:11:41	11.58	43.58	28.02	7.82	7.78	11.4	2.809	85.8	2.2	0.5
1035	2/20/2016 06:26:41	11.60	43.81	28.18	7.85	7.79	12.2	2.876	86.2	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	2/20/2016 06:41:41	11.60	43.96	28.29	7.86	7.79	10.7	2.968	86.4	2.6	0.6
1037	2/20/2016 06:56:41	11.58	44.05	28.35	7.85	7.79	11.4	3.069	86.3	2.2	0.5
1038	2/20/2016 07:11:41	11.55	44.19	28.45	7.87	7.80	12.6	3.149	86.5	2.5	0.6
1039	2/20/2016 07:26:41	11.55	44.48	28.66	7.90	7.81	15.5	3.237	86.9	2.4	0.6
1040	2/20/2016 07:41:41	11.50	44.45	28.63	7.92	7.81	15.7	3.336	87.1	2.7	0.6
1041	2/20/2016 07:56:41	11.51	44.82	28.90	7.94	7.82	17.0	3.424	87.4	2.6	0.6
1042	2/20/2016 08:11:41	11.45	45.03	29.05	7.97	7.83	14.2	3.527	87.7	2.0	0.5
1043	2/20/2016 08:26:41	11.39	45.17	29.14	8.00	7.84	14.1	3.605	88.0	2.8	0.7
1044	2/20/2016 08:41:41	11.38	45.46	29.35	8.01	7.84	14.4	3.697	88.2	1.9	0.5
1045	2/20/2016 08:56:41	11.35	45.70	29.52	8.02	7.85	14.5	3.753	88.4	2.0	0.5
1046	2/20/2016 09:11:41	11.35	46.11	29.82	8.01	7.86	14.8	3.848	88.4	2.1	0.5
1047	2/20/2016 09:26:41	11.35	46.16	29.86	7.98	7.87	11.7	3.886	88.0	1.7	0.4
1048	2/20/2016 09:41:41	11.34	46.39	30.02	7.93	7.87	10.6	3.946	87.7	2.4	0.6
1049	2/20/2016 09:56:41	11.33	46.43	30.05	7.88	7.87	7.4	3.960	87.1	2.2	0.5
1050	2/20/2016 10:11:41	11.34	46.43	30.04	7.79	7.87	6.7	3.971	86.1	2.4	0.6
1051	2/20/2016 10:26:41	11.34	46.36	30.00	7.84	7.87	8.7	3.961	86.6	1.6	0.4
1052	2/20/2016 10:41:41	11.34	46.37	30.01	7.82	7.86	8.7	3.926	86.4	2.3	0.5
1053	2/20/2016 10:56:41	11.40	45.95	29.70	7.82	7.86	9.5	3.862	86.3	1.8	0.4
1054	2/20/2016 11:11:41	11.52	45.08	29.08	7.82	7.84	9.4	3.805	86.2	1.9	0.4
1055	2/20/2016 11:26:41	11.59	44.41	28.61	7.80	7.83	9.9	3.700	85.9	2.3	0.5
1056	2/20/2016 11:41:40	11.72	43.69	28.10	7.81	7.81	8.3	3.594	86.0	1.8	0.4
1057	2/20/2016 11:56:41	11.78	44.29	28.53	7.80	7.82	8.7	3.511	86.2	2.1	0.5
1058	2/20/2016 12:11:41	11.64	44.22	28.48	7.79	7.81	11.9	3.399	85.8	2.7	0.6
1059	2/20/2016 12:26:41	11.80	43.66	28.09	7.77	7.80	11.3	3.263	85.7	2.4	0.6
1060	2/20/2016 12:41:41	11.77	43.66	28.09	7.80	7.81	11.4	3.164	86.0	2.5	0.6
1061	2/20/2016 12:56:41	11.78	43.71	28.12	7.81	7.81	13.9	3.058	86.1	2.0	0.5
1062	2/20/2016 13:11:40	12.02	43.23	27.79	7.84	7.80	10.2	2.939	86.7	2.3	0.5
1063	2/20/2016 13:26:40	12.01	43.36	27.88	7.86	7.81	9.8	2.812	86.9	2.5	0.6
1064	2/20/2016 13:41:41	12.10	43.47	27.96	7.91	7.81	10.1	2.707	87.7	2.4	0.6
1065	2/20/2016 13:56:41	12.00	43.29	27.83	7.92	7.81	9.2	2.556	87.6	2.5	0.6
1066	2/20/2016 14:11:40	12.08	43.18	27.76	7.93	7.81	9.4	2.431	87.7	2.8	0.7
1067	2/20/2016 14:26:41	12.13	43.23	27.79	7.88	7.81	10.3	2.307	87.3	2.5	0.6
1068	2/20/2016 14:41:40	12.12	43.10	27.70	7.92	7.81	9.6	2.154	87.7	2.6	0.6
1069	2/20/2016 14:56:41	12.08	43.06	27.67	7.92	7.81	10.1	2.040	87.6	2.0	0.5
1070	2/20/2016 15:11:40	12.16	43.08	27.69	7.95	7.81	9.7	1.907	88.0	2.4	0.6
1071	2/20/2016 15:26:40	12.17	43.00	27.63	7.96	7.81	9.8	1.777	88.1	2.3	0.5
1072	2/20/2016 15:41:41	12.16	42.97	27.61	7.93	7.81	9.4	1.672	87.8	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	2/20/2016 15:56:40	12.24	42.94	27.59	7.95	7.81	9.0	1.576	88.2	2.1	0.5
1074	2/20/2016 16:11:41	12.19	42.65	27.38	7.95	7.81	8.4	1.494	88.0	3.1	0.7
1075	2/20/2016 16:26:41	12.19	42.69	27.41	7.93	7.81	8.0	1.461	87.8	2.6	0.6
1076	2/20/2016 16:41:41	12.20	42.74	27.44	7.85	7.81	6.1	1.432	86.9	2.6	0.6
1077	2/20/2016 16:56:41	12.19	42.75	27.45	7.93	7.81	7.3	1.405	87.8	2.7	0.6
1078	2/20/2016 17:11:41	12.21	42.74	27.45	8.00	7.81	7.6	1.471	88.6	2.3	0.5
1079	2/20/2016 17:26:41	12.16	42.76	27.46	7.97	7.81	7.6	1.509	88.2	3.0	0.7
1080	2/20/2016 17:41:40	12.07	42.26	27.10	7.95	7.80	7.6	1.579	87.6	2.3	0.5
1081	2/20/2016 17:56:41	12.06	41.72	26.72	7.93	7.79	9.0	1.663	87.1	3.0	0.7
1082	2/20/2016 18:11:41	12.05	41.40	26.49	7.92	7.78	9.5	1.766	86.9	2.7	0.6
1083	2/20/2016 18:26:40	12.05	41.23	26.37	7.90	7.78	9.4	1.862	86.6	2.8	0.7
1084	2/20/2016 18:41:41	12.03	41.21	26.36	7.90	7.78	9.3	1.958	86.6	3.3	0.8
1085	2/20/2016 18:56:41	12.04	41.93	26.86	7.87	7.78	10.3	2.018	86.5	3.0	0.7
1086	2/20/2016 19:11:41	12.01	42.43	27.22	7.83	7.79	10.3	2.154	86.2	2.5	0.6
1087	2/20/2016 19:26:41	11.98	42.74	27.44	7.79	7.79	10.3	2.244	85.8	2.9	0.7
1088	2/20/2016 19:41:41	11.95	42.94	27.58	7.75	7.78	11.4	2.317	85.4	2.8	0.7
1089	2/20/2016 19:56:41	11.94	42.98	27.61	7.73	7.78	10.7	2.431	85.2	3.2	0.8
1090	2/20/2016 20:11:41	11.93	43.01	27.63	7.75	7.79	10.8	2.527	85.4	2.3	0.5
1091	2/20/2016 20:26:41	11.90	43.00	27.62	7.77	7.79	11.7	2.610	85.6	3.0	0.7
1092	2/20/2016 20:41:41	11.86	43.00	27.62	7.78	7.79	12.1	2.704	85.6	2.9	0.7
1093	2/20/2016 20:56:41	11.87	43.21	27.77	7.79	7.80	14.0	2.811	85.8	2.9	0.7
1094	2/20/2016 21:11:41	11.83	43.10	27.69	7.80	7.80	18.9	2.881	85.8	3.1	0.7
1095	2/20/2016 21:26:40	11.78	43.20	27.76	7.82	7.81	18.9	2.991	86.0	3.2	0.7
1096	2/20/2016 21:41:41	11.74	43.79	28.18	7.82	7.81	17.5	3.074	86.1	3.3	0.8
1097	2/20/2016 21:56:41	11.67	44.50	28.68	7.91	7.84	18.5	3.187	87.2	2.4	0.6
1098	2/20/2016 22:11:40	11.64	44.71	28.83	7.95	7.85	19.8	3.265	87.7	2.9	0.7
1099	2/20/2016 22:26:41	11.61	45.01	29.04	7.96	7.85	18.9	3.351	87.9	2.9	0.7
1100	2/20/2016 22:41:41	11.58	45.39	29.31	7.93	7.86	17.7	3.422	87.6	3.0	0.7
1101	2/20/2016 22:56:41	11.56	45.58	29.45	7.90	7.86	15.5	3.488	87.4	2.7	0.6
1102	2/20/2016 23:11:41	11.56	45.69	29.52	7.88	7.87	14.8	3.537	87.2	2.8	0.7
1103	2/20/2016 23:26:41	11.55	45.97	29.72	7.84	7.87	11.4	3.558	86.9	2.6	0.6
1104	2/20/2016 23:41:41	11.55	45.96	29.72	7.71	7.87	7.6	3.561	85.4	2.4	0.6
1105	2/20/2016 23:56:41	11.54	45.08	29.09	7.70	7.85	11.1	3.550	84.9	2.5	0.6
1106	2/21/2016 00:11:41	11.55	45.72	29.55	7.74	7.86	12.6	3.499	85.6	2.6	0.6
1107	2/21/2016 00:26:41	11.41	44.16	28.42	7.66	7.83	10.8	3.444	83.9	2.3	0.5
1108	2/21/2016 00:41:41	11.52	44.20	28.46	7.63	7.83	11.0	3.360	83.8	2.4	0.6
1109	2/21/2016 00:56:41	11.54	44.10	28.39	7.60	7.82	11.8	3.276	83.4	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	2/21/2016 01:11:41	11.52	43.90	28.24	7.59	7.82	14.8	3.202	83.3	2.3	0.5
1111	2/21/2016 01:26:41	11.45	43.35	27.85	7.57	7.81	11.9	3.114	82.7	3.3	0.8
1112	2/21/2016 01:41:41	11.42	43.26	27.79	7.60	7.81	12.0	3.024	82.9	3.0	0.7
1113	2/21/2016 01:56:41	11.42	43.24	27.77	7.57	7.80	10.9	2.925	82.6	2.9	0.7
1114	2/21/2016 02:11:41	11.40	43.15	27.70	7.55	7.80	9.9	2.834	82.3	2.9	0.7
1115	2/21/2016 02:26:41	11.29	43.06	27.64	7.53	7.80	9.3	2.768	81.8	2.3	0.5
1116	2/21/2016 02:41:41	11.32	43.22	27.75	7.52	7.80	9.4	2.692	81.9	3.2	0.8
1117	2/21/2016 02:56:41	11.34	42.97	27.58	7.53	7.79	8.7	2.607	81.9	2.3	0.5
1118	2/21/2016 03:11:41	11.31	42.93	27.55	7.53	7.79	8.2	2.518	81.9	2.9	0.7
1119	2/21/2016 03:26:41	11.31	42.87	27.50	7.51	7.79	7.9	2.462	81.7	2.5	0.6
1120	2/21/2016 03:41:41	11.27	42.73	27.40	7.49	7.78	7.8	2.397	81.3	2.4	0.6
1121	2/21/2016 03:56:41	11.29	42.56	27.29	7.50	7.78	7.5	2.330	81.4	3.3	0.8
1122	2/21/2016 04:11:41	11.34	42.15	26.99	7.50	7.77	7.3	2.288	81.3	2.8	0.7
1123	2/21/2016 04:26:40	11.31	41.97	26.87	7.49	7.77	7.3	2.245	81.1	3.1	0.7
1124	2/21/2016 04:41:41	11.32	41.96	26.86	7.49	7.77	6.8	2.215	81.0	3.1	0.7
1125	2/21/2016 04:56:41	11.33	42.03	26.91	7.43	7.77	6.1	2.219	80.5	2.9	0.7
1126	2/21/2016 05:11:41	11.30	42.06	26.93	7.53	7.76	6.5	2.231	81.6	2.4	0.6
1127	2/21/2016 05:26:41	11.32	42.10	26.96	7.51	7.76	7.0	2.254	81.4	2.1	0.5
1128	2/21/2016 05:41:41	11.31	42.15	26.99	7.53	7.77	6.7	2.314	81.5	2.3	0.5
1129	2/21/2016 05:56:41	11.33	42.16	27.00	7.52	7.76	7.0	2.386	81.5	2.7	0.6
1130	2/21/2016 06:11:41	11.36	42.20	27.03	7.51	7.76	8.4	2.452	81.5	2.5	0.6
1131	2/21/2016 06:26:40	11.40	42.21	27.04	7.52	7.77	9.9	2.545	81.6	2.8	0.7
1132	2/21/2016 06:41:41	11.39	42.49	27.24	7.54	7.77	9.7	2.621	81.9	2.8	0.7
1133	2/21/2016 06:56:41	11.39	42.75	27.42	7.56	7.78	9.4	2.710	82.2	2.3	0.5
1134	2/21/2016 07:11:41	11.48	43.55	28.00	7.61	7.80	11.1	2.784	83.2	2.6	0.6
1135	2/21/2016 07:26:41	11.48	43.66	28.07	7.61	7.80	10.3	2.881	83.3	2.3	0.5
1136	2/21/2016 07:41:41	11.47	43.82	28.19	7.61	7.80	10.1	2.966	83.3	2.6	0.6
1137	2/21/2016 07:56:41	11.45	43.82	28.19	7.61	7.81	9.7	3.051	83.3	2.2	0.5
1138	2/21/2016 08:11:41	11.41	44.03	28.34	7.63	7.82	13.0	3.149	83.6	2.7	0.6
1139	2/21/2016 08:26:41	11.42	44.40	28.60	7.63	7.83	13.0	3.257	83.7	1.9	0.4
1140	2/21/2016 08:41:41	11.41	44.58	28.73	7.65	7.83	13.0	3.342	84.0	2.4	0.6
1141	2/21/2016 08:56:41	11.39	44.99	29.02	7.65	7.84	14.1	3.437	84.0	2.2	0.5
1142	2/21/2016 09:11:41	11.34	45.09	29.09	7.65	7.84	12.0	3.541	84.0	2.4	0.6
1143	2/21/2016 09:26:41	11.29	45.38	29.29	7.66	7.85	12.2	3.636	84.2	2.4	0.6
1144	2/21/2016 09:41:41	11.29	45.71	29.53	7.65	7.86	13.5	3.694	84.2	2.6	0.6
1145	2/21/2016 09:56:41	11.30	46.20	29.88	7.62	7.87	14.2	3.787	84.0	2.0	0.5
1146	2/21/2016 10:11:41	11.29	46.45	30.05	7.59	7.87	13.4	3.867	83.8	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	2/21/2016 10:26:41	11.27	46.54	30.12	7.56	7.88	11.5	3.884	83.5	2.0	0.5
1148	2/21/2016 10:41:41	11.27	46.60	30.16	7.52	7.88	9.1	3.928	83.1	2.2	0.5
1149	2/21/2016 10:56:41	11.27	46.61	30.17	7.44	7.88	7.8	3.965	82.2	1.8	0.4
1150	2/21/2016 11:11:41	11.27	46.63	30.19	7.39	7.87	8.4	3.949	81.6	2.3	0.5
1151	2/21/2016 11:26:41	11.28	46.65	30.20	7.41	7.87	9.5	3.897	81.9	1.7	0.4
1152	2/21/2016 11:41:41	11.31	46.23	29.90	7.40	7.87	9.7	3.851	81.7	2.2	0.5
1153	2/21/2016 11:56:41	11.41	45.55	29.42	7.42	7.85	8.8	3.787	81.8	2.4	0.6
1154	2/21/2016 12:11:41	11.45	45.42	29.32	7.43	7.85	8.5	3.674	81.9	2.1	0.5
1155	2/21/2016 12:26:41	11.47	44.74	28.84	7.40	7.84	8.5	3.569	81.4	2.4	0.6
1156	2/21/2016 12:41:41	11.47	44.45	28.63	7.36	7.83	12.0	3.464	80.8	2.3	0.5
1157	2/21/2016 12:56:41	11.43	44.13	28.40	7.35	7.82	13.3	3.348	80.5	2.5	0.6
1158	2/21/2016 13:11:41	11.52	43.75	28.14	7.35	7.81	10.3	3.224	80.5	2.6	0.6
1159	2/21/2016 13:26:41	11.59	43.45	27.93	7.36	7.81	9.7	3.102	80.7	3.6	0.8
1160	2/21/2016 13:41:41	11.62	43.35	27.86	7.36	7.81	11.3	2.986	80.7	2.4	0.6
1161	2/21/2016 13:56:41	11.65	43.22	27.77	7.37	7.81	9.0	2.862	80.8	2.8	0.6
1162	2/21/2016 14:11:41	11.68	43.17	27.74	7.38	7.81	8.7	2.735	81.0	2.6	0.6
1163	2/21/2016 14:26:41	11.75	43.85	28.22	7.40	7.82	7.9	2.618	81.5	2.9	0.7
1164	2/21/2016 14:41:41	11.72	42.97	27.59	7.40	7.81	8.3	2.474	81.2	2.7	0.6
1165	2/21/2016 14:56:40	11.72	42.76	27.44	7.37	7.81	8.6	2.336	80.8	2.9	0.7
1166	2/21/2016 15:11:41	11.69	42.61	27.34	7.42	7.81	8.7	2.221	81.2	2.2	0.5
1167	2/21/2016 15:26:41	11.76	42.67	27.38	7.40	7.81	8.7	2.070	81.1	2.7	0.6
1168	2/21/2016 15:41:41	11.68	42.31	27.12	7.39	7.80	9.2	1.928	80.7	2.9	0.7
1169	2/21/2016 15:56:41	11.68	42.21	27.05	7.38	7.80	9.0	1.814	80.6	2.7	0.6
1170	2/21/2016 16:11:41	11.65	42.07	26.95	7.37	7.80	8.8	1.684	80.4	2.8	0.7
1171	2/21/2016 16:26:41	11.67	42.10	26.97	7.37	7.80	8.8	1.563	80.4	2.9	0.7
1172	2/21/2016 16:41:41	11.67	42.16	27.01	7.34	7.79	7.8	1.470	80.1	2.6	0.6
1173	2/21/2016 16:56:41	11.69	42.11	26.98	7.35	7.80	8.2	1.395	80.3	3.2	0.8
1174	2/21/2016 17:11:41	11.68	42.01	26.91	7.32	7.80	7.8	1.372	79.9	3.2	0.8
1175	2/21/2016 17:26:41	11.69	41.91	26.84	7.38	7.80	8.1	1.367	80.5	3.1	0.7
1176	2/21/2016 17:41:41	11.68	41.98	26.89	7.35	7.80	7.4	1.409	80.2	2.8	0.7
1177	2/21/2016 17:56:41	11.65	41.96	26.87	7.33	7.79	7.3	1.475	79.9	2.9	0.7
1178	2/21/2016 18:11:41	11.65	41.94	26.86	7.32	7.79	7.9	1.525	79.8	3.2	0.8
1179	2/21/2016 18:26:41	11.51	40.70	25.98	7.32	7.78	8.3	1.639	79.1	3.3	0.8
1180	2/21/2016 18:41:41	11.47	40.51	25.84	7.32	7.77	8.9	1.723	79.0	3.0	0.7
1181	2/21/2016 18:56:41	11.50	40.73	26.00	7.30	7.77	8.4	1.815	78.9	3.0	0.7
1182	2/21/2016 19:11:41	11.52	40.96	26.16	7.29	7.77	7.7	1.904	78.9	3.3	0.8
1183	2/21/2016 19:26:41	11.53	41.19	26.32	7.28	7.78	7.9	1.986	78.9	3.2	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	2/21/2016 19:41:41	11.53	41.30	26.40	7.27	7.78	9.0	2.084	78.9	3.0	0.7
1185	2/21/2016 19:56:41	11.56	41.94	26.85	7.26	7.79	8.3	2.169	79.0	2.9	0.7
1186	2/21/2016 20:11:41	11.58	42.52	27.26	7.22	7.79	9.1	2.274	78.8	2.8	0.7
1187	2/21/2016 20:26:41	11.58	42.52	27.27	7.21	7.79	10.2	2.361	78.7	2.7	0.6
1188	2/21/2016 20:41:40	11.58	42.65	27.36	7.22	7.79	9.1	2.461	78.8	2.7	0.6
1189	2/21/2016 20:56:40	11.57	42.67	27.37	7.24	7.79	9.4	2.562	79.0	2.7	0.6
1190	2/21/2016 21:11:41	11.55	42.86	27.51	7.24	7.79	10.4	2.650	79.1	2.9	0.7
1191	2/21/2016 21:26:41	11.54	42.99	27.60	7.23	7.80	10.9	2.749	79.1	2.5	0.6
1192	2/21/2016 21:41:41	11.52	42.98	27.59	7.24	7.80	13.2	2.842	79.1	2.9	0.7
1193	2/21/2016 21:56:41	11.51	43.22	27.76	7.26	7.81	15.1	2.944	79.4	2.7	0.6
1194	2/21/2016 22:11:41	11.50	43.65	28.06	7.25	7.81	13.6	3.028	79.4	2.7	0.6
1195	2/21/2016 22:26:41	11.49	44.22	28.47	7.24	7.83	14.9	3.137	79.5	2.8	0.7
1196	2/21/2016 22:41:41	11.44	44.68	28.80	7.24	7.84	16.8	3.222	79.6	2.7	0.6
1197	2/21/2016 22:56:41	11.42	45.12	29.11	7.24	7.86	16.9	3.302	79.7	2.7	0.6
1198	2/21/2016 23:11:41	11.41	45.39	29.31	7.22	7.86	15.5	3.399	79.6	2.5	0.6
1199	2/21/2016 23:26:41	11.41	45.43	29.33	7.20	7.86	15.1	3.471	79.4	2.7	0.6
1200	2/21/2016 23:41:41	11.41	45.52	29.40	7.16	7.86	13.8	3.525	78.9	2.8	0.7
1201	2/21/2016 23:56:41	11.40	45.66	29.50	7.14	7.86	11.9	3.549	78.7	2.8	0.7
1202	2/22/2016 00:11:41	11.41	45.48	29.37	7.05	7.86	8.6	3.585	77.7	2.5	0.6
1203	2/22/2016 00:26:41	11.40	45.76	29.56	7.03	7.86	9.9	3.592	77.6	2.5	0.6
1204	2/22/2016 00:41:41	11.40	45.80	29.60	7.03	7.86	11.6	3.540	77.6	1.9	0.5
1205	2/22/2016 00:56:41	11.42	44.38	28.58	7.02	7.83	11.1	3.495	77.0	3.0	0.7
1206	2/22/2016 01:11:41	11.42	44.56	28.71	7.03	7.83	10.4	3.403	77.1	3.1	0.7
1207	2/22/2016 01:26:41	11.43	44.28	28.51	7.04	7.83	10.8	3.333	77.2	3.1	0.7
1208	2/22/2016 01:41:41	11.42	43.94	28.27	7.03	7.82	9.5	3.235	77.0	3.0	0.7
1209	2/22/2016 01:56:41	11.44	43.75	28.13	7.00	7.82	10.6	3.125	76.6	2.6	0.6
1210	2/22/2016 02:11:41	11.44	43.97	28.29	6.98	7.82	10.1	3.042	76.5	2.3	0.5
1211	2/22/2016 02:26:41	11.46	43.75	28.13	6.97	7.81	9.0	2.939	76.3	2.2	0.5
1212	2/22/2016 02:41:41	11.47	43.18	27.73	6.96	7.80	8.9	2.843	76.1	2.8	0.7
1213	2/22/2016 02:56:41	11.46	43.53	27.98	6.95	7.80	8.8	2.754	76.0	3.0	0.7
1214	2/22/2016 03:11:41	11.45	43.33	27.84	6.93	7.80	8.2	2.667	75.7	2.7	0.6
1215	2/22/2016 03:26:41	11.45	42.97	27.58	6.94	7.79	8.3	2.571	75.7	2.2	0.5
1216	2/22/2016 03:41:41	11.44	42.73	27.41	6.94	7.79	7.8	2.488	75.6	2.5	0.6
1217	2/22/2016 03:56:41	11.45	42.30	27.11	6.95	7.78	8.0	2.413	75.6	3.1	0.7
1218	2/22/2016 04:11:41	11.45	42.08	26.95	6.96	7.78	8.0	2.325	75.6	2.8	0.7
1219	2/22/2016 04:26:41	11.45	42.11	26.97	6.95	7.78	7.3	2.248	75.5	2.9	0.7
1220	2/22/2016 04:41:41	11.42	42.26	27.07	6.94	7.78	7.1	2.167	75.4	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	2/22/2016 04:56:41	11.44	42.04	26.92	6.94	7.77	6.7	2.132	75.3	3.0	0.7
1222	2/22/2016 05:11:41	11.45	41.70	26.68	6.90	7.77	6.1	2.113	74.8	2.7	0.6
1223	2/22/2016 05:26:41	11.46	41.66	26.65	6.90	7.77	6.1	2.066	74.8	3.1	0.7
1224	2/22/2016 05:41:41	11.43	41.75	26.72	6.97	7.77	6.2	2.095	75.6	3.1	0.7
1225	2/22/2016 05:56:41	11.44	41.90	26.83	7.01	7.77	6.5	2.135	76.0	2.7	0.6
1226	2/22/2016 06:11:41	11.42	41.87	26.80	7.02	7.77	6.4	2.156	76.2	2.6	0.6
1227	2/22/2016 06:26:41	11.43	41.94	26.85	7.02	7.78	6.3	2.217	76.2	2.9	0.7
1228	2/22/2016 06:41:41	11.41	41.80	26.75	7.04	7.77	6.7	2.292	76.3	2.2	0.5
1229	2/22/2016 06:56:41	11.42	41.92	26.83	7.03	7.78	7.6	2.381	76.3	2.8	0.7
1230	2/22/2016 07:11:41	11.43	42.02	26.91	7.04	7.78	7.9	2.457	76.4	2.4	0.6
1231	2/22/2016 07:26:41	11.44	42.50	27.25	7.05	7.79	8.9	2.548	76.7	2.4	0.6
1232	2/22/2016 07:41:41	11.40	42.46	27.22	7.05	7.79	8.2	2.624	76.6	2.3	0.5
1233	2/22/2016 07:56:41	11.44	43.07	27.65	7.07	7.81	8.7	2.711	77.1	2.4	0.6
1234	2/22/2016 08:11:41	11.42	43.50	27.96	7.08	7.82	8.3	2.790	77.4	2.5	0.6
1235	2/22/2016 08:26:41	11.42	43.51	27.96	7.08	7.83	8.2	2.864	77.4	2.3	0.5
1236	2/22/2016 08:41:41	11.41	43.59	28.02	7.07	7.83	8.8	2.955	77.3	2.4	0.6
1237	2/22/2016 08:56:41	11.42	43.86	28.21	7.07	7.84	9.6	3.047	77.4	2.4	0.6
1238	2/22/2016 09:11:41	11.38	43.94	28.27	7.08	7.85	11.6	3.133	77.4	2.2	0.5
1239	2/22/2016 09:26:41	11.38	44.31	28.53	7.07	7.85	12.2	3.218	77.5	1.9	0.4
1240	2/22/2016 09:41:41	11.39	44.51	28.68	7.08	7.86	10.6	3.314	77.6	2.5	0.6
1241	2/22/2016 09:56:41	11.39	44.81	28.89	7.07	7.87	11.1	3.426	77.6	2.4	0.6
1242	2/22/2016 10:11:41	11.40	44.96	29.00	7.06	7.88	11.9	3.514	77.6	1.9	0.5
1243	2/22/2016 10:26:40	11.41	45.41	29.32	7.03	7.89	12.3	3.588	77.4	2.1	0.5
1244	2/22/2016 10:41:41	11.39	46.05	29.78	6.98	7.89	14.3	3.675	77.1	2.1	0.5
1245	2/22/2016 10:56:41	11.40	46.09	29.80	6.96	7.89	14.1	3.748	76.8	1.8	0.4
1246	2/22/2016 11:11:41	11.41	46.34	29.98	6.92	7.89	11.4	3.800	76.6	1.9	0.4
1247	2/22/2016 11:26:41	11.41	46.46	30.07	6.90	7.89	9.6	3.837	76.4	1.9	0.4
1248	2/22/2016 11:41:41	11.43	46.41	30.03	6.82	7.89	6.7	3.853	75.5	1.5	0.4
1249	2/22/2016 11:56:41	11.44	46.32	29.97	6.79	7.89	8.4	3.848	75.2	1.7	0.4
1250	2/22/2016 12:11:41	11.46	46.30	29.96	6.79	7.89	8.4	3.825	75.2	2.0	0.5
1251	2/22/2016 12:26:41	11.62	45.58	29.45	6.91	7.88	9.4	3.775	76.5	2.0	0.5
1252	2/22/2016 12:41:41	11.78	45.15	29.15	6.97	7.87	8.2	3.680	77.3	1.9	0.4
1253	2/22/2016 12:56:41	11.92	45.23	29.21	6.93	7.86	8.6	3.596	77.2	1.8	0.4
1254	2/22/2016 13:11:41	11.98	45.10	29.12	6.92	7.86	7.6	3.489	77.1	1.6	0.4
1255	2/22/2016 13:26:41	12.03	44.48	28.68	6.96	7.85	7.7	3.361	77.4	2.6	0.6
1256	2/22/2016 13:41:41	12.15	44.11	28.42	6.98	7.85	9.1	3.253	77.6	2.5	0.6
1257	2/22/2016 13:56:40	12.47	43.53	28.02	6.99	7.83	9.2	3.142	78.1	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	2/22/2016 14:11:41	12.41	43.35	27.88	7.02	7.83	8.9	3.014	78.3	2.3	0.5
1259	2/22/2016 14:26:41	12.41	43.35	27.89	7.06	7.83	8.7	2.889	78.7	3.2	0.8
1260	2/22/2016 14:41:41	12.30	43.89	28.27	7.11	7.85	8.6	2.761	79.4	2.5	0.6
1261	2/22/2016 14:56:41	12.28	43.62	28.07	7.12	7.85	8.0	2.645	79.3	1.9	0.5
1262	2/22/2016 15:11:41	12.39	43.41	27.93	7.13	7.85	7.9	2.514	79.5	2.1	0.5
1263	2/22/2016 15:26:41	12.48	43.11	27.72	7.15	7.84	8.0	2.382	79.7	2.5	0.6
1264	2/22/2016 15:41:41	12.49	42.77	27.48	7.18	7.84	7.3	2.255	80.0	2.4	0.6
1265	2/22/2016 15:56:40	12.50	42.46	27.26	7.19	7.84	7.9	2.111	80.0	2.3	0.6
1266	2/22/2016 16:11:41	12.52	42.38	27.20	7.20	7.84	8.3	1.981	80.1	2.7	0.6
1267	2/22/2016 16:26:41	12.58	42.22	27.09	7.20	7.83	10.1	1.845	80.1	3.1	0.7
1268	2/22/2016 16:41:41	12.61	42.15	27.04	7.20	7.84	10.0	1.735	80.2	2.9	0.7
1269	2/22/2016 16:56:41	12.63	42.16	27.05	7.19	7.83	9.6	1.617	80.1	3.3	0.8
1270	2/22/2016 17:11:41	12.58	42.00	26.94	7.17	7.83	8.1	1.527	79.7	3.1	0.7
1271	2/22/2016 17:26:41	12.60	41.90	26.86	7.14	7.83	8.1	1.447	79.5	3.0	0.7
1272	2/22/2016 17:41:41	12.59	41.78	26.78	7.13	7.83	7.6	1.385	79.3	3.0	0.7
1273	2/22/2016 17:56:41	12.58	41.77	26.77	7.16	7.83	7.1	1.397	79.6	3.5	0.8
1274	2/22/2016 18:11:41	12.57	41.91	26.87	7.16	7.82	7.3	1.410	79.6	3.2	0.8
1275	2/22/2016 18:26:41	12.54	41.88	26.85	7.14	7.82	7.2	1.429	79.3	2.9	0.7
1276	2/22/2016 18:41:41	12.51	41.88	26.84	7.13	7.83	6.9	1.519	79.2	3.2	0.7
1277	2/22/2016 18:56:41	12.48	41.54	26.61	7.14	7.82	7.1	1.613	79.1	2.9	0.7
1278	2/22/2016 19:11:41	12.49	41.09	26.29	7.12	7.81	8.2	1.683	78.8	3.3	0.8
1279	2/22/2016 19:26:41	12.48	41.21	26.37	7.11	7.81	8.1	1.767	78.6	3.0	0.7
1280	2/22/2016 19:41:41	12.47	41.31	26.44	7.10	7.81	7.8	1.870	78.6	3.8	0.9
1281	2/22/2016 19:56:41	12.46	41.16	26.33	7.10	7.81	8.2	1.956	78.5	2.7	0.6
1282	2/22/2016 20:11:41	12.38	41.87	26.84	7.05	7.82	9.0	2.045	78.0	2.6	0.6
1283	2/22/2016 20:26:41	12.26	42.32	27.15	6.97	7.82	9.4	2.139	77.2	2.7	0.6
1284	2/22/2016 20:41:41	12.19	42.55	27.31	6.92	7.82	9.4	2.244	76.5	2.8	0.7
1285	2/22/2016 20:56:41	12.15	42.72	27.43	6.89	7.82	8.8	2.339	76.2	2.8	0.7
1286	2/22/2016 21:11:41	12.13	42.74	27.45	6.89	7.82	8.1	2.432	76.2	3.0	0.7
1287	2/22/2016 21:26:41	12.14	42.82	27.50	6.89	7.83	9.4	2.534	76.2	2.9	0.7
1288	2/22/2016 21:41:41	12.11	43.06	27.67	6.87	7.83	10.0	2.630	76.1	3.4	0.8
1289	2/22/2016 21:56:41	12.09	43.28	27.83	6.85	7.84	9.5	2.716	75.9	2.4	0.6
1290	2/22/2016 22:11:41	12.02	43.20	27.77	6.84	7.84	12.2	2.815	75.6	2.1	0.5
1291	2/22/2016 22:26:41	11.97	43.55	28.02	6.83	7.85	13.0	2.912	75.5	2.8	0.7
1292	2/22/2016 22:41:41	11.95	43.92	28.28	6.81	7.85	12.5	2.997	75.4	2.3	0.6
1293	2/22/2016 22:56:41	11.92	44.53	28.71	6.79	7.86	15.2	3.092	75.3	2.3	0.6
1294	2/22/2016 23:11:41	11.84	45.19	29.18	6.79	7.88	14.3	3.187	75.4	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	2/22/2016 23:26:41	11.83	45.55	29.44	6.78	7.89	14.8	3.267	75.5	2.1	0.5
1296	2/22/2016 23:41:41	11.79	45.73	29.56	6.74	7.89	13.0	3.358	75.0	2.3	0.5
1297	2/22/2016 23:56:41	11.76	45.88	29.67	6.70	7.90	13.7	3.416	74.6	2.0	0.5
1298	2/23/2016 00:11:41	11.73	46.11	29.83	6.67	7.90	12.8	3.488	74.2	2.5	0.6
1299	2/23/2016 00:26:41	11.68	46.48	30.09	6.63	7.90	11.1	3.545	73.8	2.2	0.5
1300	2/23/2016 00:41:41	11.65	46.59	30.17	6.60	7.90	9.4	3.554	73.5	2.5	0.6
1301	2/23/2016 00:56:41	11.64	46.69	30.25	6.51	7.91	6.2	3.568	72.5	1.9	0.4
1302	2/23/2016 01:11:41	11.66	46.62	30.20	6.54	7.90	9.8	3.532	72.9	2.3	0.5
1303	2/23/2016 01:26:41	11.69	45.53	29.42	6.58	7.90	9.6	3.500	73.0	2.0	0.5
1304	2/23/2016 01:41:41	11.65	45.15	29.14	6.60	7.90	9.0	3.444	73.0	2.3	0.5
1305	2/23/2016 01:56:41	11.69	44.88	28.95	6.61	7.88	10.9	3.353	73.0	2.6	0.6
1306	2/23/2016 02:11:41	11.68	44.40	28.61	6.63	7.87	9.5	3.278	73.1	2.2	0.5
1307	2/23/2016 02:26:41	11.72	44.43	28.63	6.61	7.87	12.8	3.160	73.0	2.8	0.7
1308	2/23/2016 02:41:41	11.74	44.22	28.49	6.64	7.87	13.1	3.060	73.3	3.0	0.7
1309	2/23/2016 02:56:41	11.74	43.60	28.04	6.65	7.86	11.1	2.955	73.2	2.9	0.7
1310	2/23/2016 03:11:41	11.68	43.17	27.73	6.64	7.85	11.1	2.830	72.9	2.5	0.6
1311	2/23/2016 03:26:41	11.64	43.05	27.65	6.64	7.84	9.1	2.760	72.8	2.0	0.5
1312	2/23/2016 03:41:41	11.66	42.81	27.47	6.64	7.84	8.2	2.666	72.7	2.6	0.6
1313	2/23/2016 03:56:41	11.55	42.91	27.54	6.64	7.84	8.7	2.594	72.6	2.2	0.5
1314	2/23/2016 04:11:41	11.51	42.89	27.53	6.64	7.85	8.3	2.482	72.5	2.6	0.6
1315	2/23/2016 04:26:41	11.54	42.82	27.48	6.63	7.85	7.7	2.399	72.4	2.2	0.5
1316	2/23/2016 04:41:41	11.65	42.55	27.29	6.62	7.84	7.2	2.327	72.4	2.6	0.6
1317	2/23/2016 04:56:41	11.64	42.51	27.26	6.60	7.84	7.5	2.254	72.2	2.6	0.6
1318	2/23/2016 05:11:41	11.69	42.37	27.17	6.59	7.83	7.2	2.143	72.0	2.3	0.5
1319	2/23/2016 05:26:41	11.62	42.33	27.13	6.57	7.84	7.0	2.099	71.7	2.3	0.5
1320	2/23/2016 05:41:41	11.69	42.05	26.94	6.58	7.84	6.5	2.059	71.8	3.0	0.7
1321	2/23/2016 05:56:41	11.64	41.95	26.87	6.57	7.84	6.4	2.010	71.7	2.5	0.6
1322	2/23/2016 06:11:41	11.65	41.69	26.68	6.59	7.83	5.7	1.990	71.8	2.6	0.6
1323	2/23/2016 06:26:41	11.62	41.80	26.76	6.64	7.83	6.1	1.989	72.4	2.4	0.6
1324	2/23/2016 06:41:41	11.63	41.97	26.88	6.65	7.83	6.0	2.013	72.4	2.5	0.6
1325	2/23/2016 06:56:41	11.68	42.03	26.93	6.65	7.84	6.4	2.050	72.5	2.2	0.5
1326	2/23/2016 07:11:41	11.68	42.15	27.01	6.65	7.84	6.3	2.138	72.6	2.0	0.5
1327	2/23/2016 07:26:41	11.65	42.00	26.90	6.64	7.83	7.0	2.212	72.5	2.2	0.5
1328	2/23/2016 07:41:41	11.60	41.87	26.81	6.64	7.83	7.5	2.291	72.3	2.2	0.5
1329	2/23/2016 07:56:41	11.64	42.03	26.92	6.65	7.83	8.8	2.380	72.5	2.3	0.5
1330	2/23/2016 08:11:41	11.60	42.49	27.25	6.64	7.84	8.1	2.462	72.5	2.1	0.5
1331	2/23/2016 08:26:41	11.69	43.26	27.80	6.63	7.85	8.6	2.562	72.7	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	2/23/2016 08:41:41	11.73	43.61	28.05	6.65	7.86	8.7	2.649	73.1	1.4	0.3
1333	2/23/2016 08:56:41	11.76	43.58	28.03	6.64	7.87	8.3	2.727	73.1	2.1	0.5
1334	2/23/2016 09:11:41	11.75	43.94	28.29	6.63	7.87	8.7	2.813	73.1	2.4	0.6
1335	2/23/2016 09:26:41	11.75	43.99	28.32	6.62	7.88	9.4	2.913	73.0	2.8	0.7
1336	2/23/2016 09:41:41	11.71	44.38	28.59	6.59	7.88	11.5	2.996	72.7	2.2	0.5
1337	2/23/2016 09:56:41	11.67	44.47	28.66	6.57	7.89	12.4	3.093	72.5	2.2	0.5
1338	2/23/2016 10:11:41	11.64	44.64	28.78	6.57	7.90	10.4	3.182	72.5	1.9	0.4
1339	2/23/2016 10:26:41	11.64	44.85	28.92	6.56	7.90	9.7	3.278	72.5	1.9	0.5
1340	2/23/2016 10:41:41	11.62	45.28	29.24	6.57	7.91	10.0	3.355	72.6	2.0	0.5
1341	2/23/2016 10:56:41	11.57	45.70	29.53	6.53	7.91	10.8	3.446	72.3	2.2	0.5
1342	2/23/2016 11:11:41	11.52	46.21	29.90	6.50	7.92	12.5	3.540	72.0	1.8	0.4
1343	2/23/2016 11:26:41	11.50	46.55	30.14	6.47	7.92	12.4	3.607	71.8	1.9	0.5
1344	2/23/2016 11:41:41	11.48	47.00	30.46	6.44	7.92	12.2	3.675	71.6	2.3	0.5
1345	2/23/2016 11:56:41	11.48	46.94	30.42	6.43	7.93	10.4	3.726	71.5	1.8	0.4
1346	2/23/2016 12:11:41	11.51	47.11	30.54	6.40	7.93	8.7	3.749	71.2	1.7	0.4
1347	2/23/2016 12:26:41	11.54	46.93	30.41	6.32	7.93	6.5	3.771	70.3	1.6	0.4
1348	2/23/2016 12:41:41	11.53	47.11	30.54	6.32	7.93	8.2	3.765	70.3	2.0	0.5
1349	2/23/2016 12:56:41	11.52	47.02	30.48	6.34	7.93	9.2	3.713	70.5	2.0	0.5
1350	2/23/2016 13:11:41	11.73	46.39	30.03	6.42	7.93	8.7	3.655	71.5	1.8	0.4
1351	2/23/2016 13:26:41	12.08	45.86	29.67	6.48	7.93	8.6	3.599	72.5	2.0	0.5
1352	2/23/2016 13:41:41	12.17	45.39	29.34	6.49	7.92	7.1	3.478	72.7	2.1	0.5
1353	2/23/2016 13:56:41	12.22	45.24	29.23	6.49	7.92	6.8	3.376	72.7	2.3	0.5
1354	2/23/2016 14:11:41	12.25	44.91	29.00	6.52	7.92	7.5	3.247	72.9	2.2	0.5
1355	2/23/2016 14:26:41	12.35	44.63	28.80	6.54	7.92	8.5	3.137	73.3	1.9	0.5
1356	2/23/2016 14:41:41	12.54	43.86	28.25	6.62	7.91	10.0	3.037	74.2	1.7	0.4
1357	2/23/2016 14:56:41	12.53	43.79	28.21	6.69	7.92	7.7	2.919	74.9	2.9	0.7
1358	2/23/2016 15:11:41	12.66	43.55	28.04	6.70	7.92	7.3	2.787	75.2	2.4	0.6
1359	2/23/2016 15:26:41	12.67	43.41	27.94	6.72	7.92	7.3	2.675	75.4	2.4	0.6
1360	2/23/2016 15:41:41	12.55	44.10	28.43	6.70	7.93	7.7	2.576	75.2	2.2	0.5
1361	2/23/2016 15:56:41	12.52	43.72	28.15	6.72	7.93	7.6	2.436	75.2	2.5	0.6
1362	2/23/2016 16:11:41	12.54	43.00	27.65	6.79	7.92	7.7	2.318	75.8	2.8	0.7
1363	2/23/2016 16:26:41	12.56	42.89	27.57	6.79	7.92	8.7	2.184	75.8	2.6	0.6
1364	2/23/2016 16:41:41	12.59	43.17	27.77	6.78	7.93	8.5	2.069	75.9	2.6	0.6
1365	2/23/2016 16:56:41	12.56	42.67	27.41	6.79	7.92	8.3	1.943	75.8	2.6	0.6
1366	2/23/2016 17:11:41	12.63	42.69	27.43	6.78	7.92	9.0	1.798	75.7	2.6	0.6
1367	2/23/2016 17:26:41	12.63	42.44	27.24	6.76	7.91	8.7	1.687	75.4	3.1	0.7
1368	2/23/2016 17:41:41	12.64	42.36	27.19	6.74	7.91	8.2	1.615	75.2	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1369	2/23/2016 17:56:41	12.65	42.27	27.13	6.72	7.91	7.8	1.516	74.9	2.6	0.6
1370	2/23/2016 18:11:41	12.67	42.12	27.02	6.70	7.90	7.6	1.454	74.8	2.7	0.6
1371	2/23/2016 18:26:41	12.67	42.10	27.01	6.64	7.90	6.5	1.451	74.1	3.1	0.7
1372	2/23/2016 18:41:41	12.65	42.07	26.99	6.74	7.90	7.3	1.453	75.2	3.4	0.8
1373	2/23/2016 18:56:41	12.66	42.13	27.03	6.73	7.91	6.5	1.489	75.1	2.4	0.6
1374	2/23/2016 19:11:41	12.64	42.09	27.00	6.74	7.91	6.7	1.556	75.1	3.1	0.7
1375	2/23/2016 19:26:41	12.61	42.06	26.98	6.75	7.91	6.7	1.637	75.1	3.4	0.8
1376	2/23/2016 19:41:40	12.61	41.72	26.74	6.74	7.90	7.6	1.725	74.9	3.2	0.7
1377	2/23/2016 19:56:41	12.57	41.64	26.68	6.73	7.90	8.1	1.815	74.8	3.3	0.8
1378	2/23/2016 20:11:40	12.57	41.67	26.70	6.74	7.90	7.5	1.906	74.8	3.0	0.7
1379	2/23/2016 20:26:41	12.56	41.71	26.73	6.76	7.91	8.0	2.013	75.0	2.9	0.7
1380	2/23/2016 20:41:40	12.52	42.14	27.03	6.72	7.91	8.3	2.102	74.8	2.4	0.6
1381	2/23/2016 20:56:41	12.45	42.72	27.44	6.67	7.91	8.0	2.183	74.2	2.9	0.7
1382	2/23/2016 21:11:41	12.39	42.87	27.55	6.62	7.91	8.3	2.278	73.7	2.5	0.6
1383	2/23/2016 21:26:41	12.35	43.03	27.66	6.59	7.91	7.8	2.374	73.3	2.7	0.6
1384	2/23/2016 21:41:41	12.31	43.09	27.70	6.58	7.91	7.5	2.463	73.1	2.9	0.7
1385	2/23/2016 21:56:40	12.33	43.32	27.86	6.57	7.91	7.8	2.557	73.1	2.3	0.5
1386	2/23/2016 22:11:41	12.30	43.44	27.95	6.58	7.91	8.4	2.656	73.2	2.3	0.5
1387	2/23/2016 22:26:41	12.28	43.48	27.98	6.56	7.92	9.4	2.747	73.0	2.1	0.5
1388	2/23/2016 22:41:41	12.27	43.75	28.17	6.54	7.92	9.9	2.841	72.8	2.4	0.6
1389	2/23/2016 22:56:40	12.19	44.01	28.35	6.51	7.92	13.2	2.933	72.5	2.7	0.6
1390	2/23/2016 23:11:41	12.15	44.44	28.65	6.49	7.92	12.5	3.032	72.3	2.8	0.7
1391	2/23/2016 23:26:41	12.10	44.80	28.91	6.46	7.93	12.2	3.130	72.1	2.5	0.6
1392	2/23/2016 23:41:41	11.97	45.63	29.50	6.43	7.94	14.3	3.215	71.7	2.8	0.7
1393	2/23/2016 23:56:41	11.92	45.97	29.74	6.41	7.95	13.2	3.307	71.6	2.3	0.5
1394	2/24/2016 00:11:41	11.91	46.17	29.89	6.40	7.95	12.4	3.397	71.5	2.7	0.6
1395	2/24/2016 00:26:41	11.89	46.29	29.97	6.38	7.95	11.6	3.463	71.3	1.9	0.4
1396	2/24/2016 00:41:41	11.85	46.22	29.92	6.37	7.95	9.8	3.535	71.1	2.2	0.5
1397	2/24/2016 00:56:41	11.82	46.27	29.95	6.36	7.96	8.7	3.583	71.0	2.5	0.6
1398	2/24/2016 01:11:41	11.80	46.48	30.10	6.35	7.95	7.4	3.603	70.9	2.4	0.6
1399	2/24/2016 01:26:41	11.80	46.38	30.03	6.23	7.95	5.9	3.619	69.6	1.8	0.4
1400	2/24/2016 01:41:41	11.83	46.29	29.97	6.29	7.95	7.5	3.594	70.2	2.3	0.5
1401	2/24/2016 01:56:41	11.88	45.53	29.42	6.29	7.94	8.0	3.562	70.0	2.0	0.5
1402	2/24/2016 02:11:41	11.88	45.01	29.05	6.29	7.92	10.0	3.483	69.9	2.0	0.5
1403	2/24/2016 02:26:41	11.90	44.95	29.01	6.29	7.92	9.8	3.398	69.9	2.2	0.5
1404	2/24/2016 02:41:40	11.93	44.51	28.70	6.31	7.92	9.8	3.307	70.0	2.1	0.5
1405	2/24/2016 02:56:41	11.93	44.80	28.91	6.29	7.93	12.2	3.204	69.9	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1406	2/24/2016 03:11:41	11.96	44.51	28.70	6.32	7.92	11.7	3.085	70.2	2.5	0.6
1407	2/24/2016 03:26:41	11.98	44.01	28.34	6.32	7.92	10.9	2.984	70.1	2.5	0.6
1408	2/24/2016 03:41:41	12.00	43.56	28.02	6.33	7.91	11.0	2.899	70.0	2.5	0.6
1409	2/24/2016 03:56:40	11.98	43.20	27.76	6.33	7.90	8.0	2.805	69.9	2.7	0.6
1410	2/24/2016 04:11:41	11.95	43.06	27.67	6.35	7.90	8.1	2.694	70.0	3.0	0.7
1411	2/24/2016 04:26:41	11.92	43.19	27.76	6.33	7.90	8.1	2.602	69.8	2.3	0.5
1412	2/24/2016 04:41:41	11.93	43.37	27.88	6.34	7.90	7.5	2.504	69.9	2.2	0.5
1413	2/24/2016 04:56:41	11.98	42.88	27.54	6.34	7.90	7.5	2.412	69.9	2.3	0.5
1414	2/24/2016 05:11:41	12.01	42.81	27.49	6.33	7.90	7.2	2.310	69.9	3.0	0.7
1415	2/24/2016 05:26:41	12.00	42.74	27.44	6.33	7.89	7.5	2.237	69.8	2.5	0.6
1416	2/24/2016 05:41:41	11.96	42.85	27.51	6.31	7.89	7.0	2.150	69.5	2.6	0.6
1417	2/24/2016 05:56:41	12.08	42.25	27.09	6.33	7.89	6.8	2.104	69.8	2.4	0.6
1418	2/24/2016 06:11:41	12.06	42.45	27.24	6.31	7.89	6.6	2.018	69.6	3.1	0.7
1419	2/24/2016 06:26:41	12.06	42.34	27.16	6.31	7.88	6.6	1.991	69.5	2.5	0.6
1420	2/24/2016 06:41:41	12.09	42.19	27.05	6.27	7.88	5.5	1.999	69.0	2.7	0.6
1421	2/24/2016 06:56:41	12.10	42.25	27.09	6.30	7.88	5.7	1.959	69.5	2.2	0.5
1422	2/24/2016 07:11:41	12.06	42.37	27.18	6.36	7.88	6.1	2.015	70.1	2.8	0.7
1423	2/24/2016 07:26:41	12.08	42.44	27.23	6.37	7.88	6.1	2.053	70.3	2.7	0.6
1424	2/24/2016 07:41:41	12.08	42.24	27.08	6.40	7.89	6.0	2.075	70.5	2.0	0.5
1425	2/24/2016 07:56:41	12.02	42.23	27.08	6.38	7.88	6.9	2.144	70.2	2.2	0.5
1426	2/24/2016 08:11:41	12.01	42.12	27.00	6.38	7.88	6.8	2.211	70.1	2.7	0.6
1427	2/24/2016 08:26:41	12.01	42.24	27.08	6.37	7.88	6.8	2.328	70.1	2.5	0.6
1428	2/24/2016 08:41:40	12.01	42.36	27.17	6.37	7.88	7.0	2.408	70.1	2.5	0.6
1429	2/24/2016 08:56:41	12.01	42.82	27.50	6.36	7.89	7.7	2.472	70.2	2.3	0.5
1430	2/24/2016 09:11:41	12.01	43.65	28.08	6.36	7.90	7.5	2.542	70.4	2.4	0.6
1431	2/24/2016 09:26:41	12.03	43.70	28.12	6.36	7.91	7.6	2.638	70.5	2.3	0.5
1432	2/24/2016 09:41:41	12.06	43.94	28.30	6.38	7.91	7.2	2.733	70.8	2.1	0.5
1433	2/24/2016 09:56:41	12.08	44.02	28.35	6.37	7.91	7.1	2.810	70.7	2.2	0.5
1434	2/24/2016 10:11:40	12.07	44.05	28.37	6.37	7.92	7.8	2.878	70.7	2.4	0.6
1435	2/24/2016 10:26:41	12.04	44.30	28.55	6.36	7.92	8.4	2.976	70.7	2.0	0.5
1436	2/24/2016 10:41:41	12.02	44.47	28.67	6.35	7.93	8.8	3.031	70.6	1.8	0.4
1437	2/24/2016 10:56:41	12.00	44.61	28.77	6.34	7.93	10.2	3.132	70.5	2.4	0.6
1438	2/24/2016 11:11:40	11.94	44.78	28.89	6.35	7.94	11.7	3.234	70.6	2.6	0.6
1439	2/24/2016 11:26:41	11.91	45.06	29.09	6.35	7.94	10.6	3.302	70.6	2.4	0.6
1440	2/24/2016 11:41:41	11.91	45.14	29.14	6.35	7.95	10.0	3.390	70.7	2.3	0.5
1441	2/24/2016 11:56:41	11.87	45.51	29.41	6.33	7.95	10.9	3.446	70.5	1.6	0.4
1442	2/24/2016 12:11:40	11.83	45.71	29.55	6.32	7.96	11.1	3.583	70.4	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1443	2/24/2016 12:26:41	11.80	45.97	29.74	6.31	7.96	10.8	3.616	70.2	2.4	0.6
1444	2/24/2016 12:41:41	11.78	46.06	29.80	6.29	7.96	8.9	3.619	70.0	1.9	0.4
1445	2/24/2016 12:56:40	11.85	45.97	29.74	6.25	7.96	6.2	3.639	69.7	1.7	0.4
1446	2/24/2016 13:11:41	11.80	46.00	29.76	6.18	7.96	7.2	3.662	68.9	1.9	0.4
1447	2/24/2016 13:26:41	11.79	46.07	29.81	6.19	7.96	8.3	3.636	68.9	1.7	0.4
1448	2/24/2016 13:41:41	11.90	45.85	29.66	6.22	7.96	7.8	3.564	69.4	2.3	0.6
1449	2/24/2016 13:56:41	12.22	45.07	29.11	6.32	7.96	8.3	3.507	70.7	2.3	0.5
1450	2/24/2016 14:11:40	12.41	45.23	29.23	6.34	7.96	8.1	3.454	71.4	2.4	0.6
	Mean	12.37	44.28	28.55	7.83	7.84	10.26	2.74	87.66	2.65	0.62
	Minimum	11.27	40.51	25.84	6.18	7.76	4.20	1.13	68.90	1.40	0.30
	Maximum	13.78	48.17	31.32	9.43	7.97	36.20	4.05	105.80	4.60	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

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.)

DO results progressively trending downward toward end of survey period suggesting probe failure/malfunction

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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	2/24/2016 14:46:05	12.56	45.79	29.64	8.89	8.04	6.7	3.171	100.5	2.1	0.5
1	2/24/2016 15:01:05	12.72	45.60	29.50	8.85	8.05	6.9	3.060	100.4	2.2	0.5
2	2/24/2016 15:16:05	12.79	45.46	29.41	8.88	8.05	6.6	2.971	100.8	1.9	0.5
3	2/24/2016 15:31:05	12.72	45.49	29.43	8.99	8.06	7.9	2.858	101.9	2.4	0.6
4	2/24/2016 15:46:05	12.71	45.55	29.47	9.03	8.06	6.2	2.745	102.3	2.4	0.6
5	2/24/2016 16:01:06	12.68	45.50	29.43	9.06	8.06	7.4	2.630	102.6	1.9	0.5
6	2/24/2016 16:16:05	12.71	45.24	29.25	9.08	8.06	6.4	2.541	102.7	2.3	0.5
7	2/24/2016 16:31:05	12.76	44.56	28.77	9.16	8.07	6.7	2.406	103.5	2.1	0.5
8	2/24/2016 16:46:05	12.78	44.48	28.70	9.24	8.07	5.9	2.301	104.5	2.4	0.6
9	2/24/2016 17:01:06	12.86	44.54	28.75	9.20	8.07	7.2	2.157	104.1	2.6	0.6
10	2/24/2016 17:16:06	12.91	44.19	28.50	9.19	8.07	6.5	2.077	103.9	2.3	0.5
11	2/24/2016 17:31:06	12.94	44.49	28.72	9.11	8.07	7.3	2.002	103.3	2.6	0.6
12	2/24/2016 17:46:05	13.00	44.14	28.47	9.11	8.06	7.1	1.842	103.2	2.2	0.5
13	2/24/2016 18:01:06	13.05	43.87	28.28	9.15	8.06	10.1	1.760	103.7	3.1	0.7
14	2/24/2016 18:16:06	13.07	43.71	28.17	9.13	8.06	8.3	1.722	103.4	2.6	0.6
15	2/24/2016 18:31:06	13.09	43.70	28.16	9.04	8.05	6.8	1.624	102.5	3.1	0.7
16	2/24/2016 18:46:05	13.11	43.51	28.02	9.01	8.05	6.3	1.578	102.1	3.0	0.7
17	2/24/2016 19:01:06	13.12	43.56	28.06	9.04	8.05	5.7	1.547	102.5	3.2	0.7
18	2/24/2016 19:16:06	13.09	43.60	28.08	9.12	8.05	6.0	1.623	103.4	2.6	0.6
19	2/24/2016 19:31:05	13.09	43.54	28.05	9.07	8.05	5.6	1.645	102.7	2.8	0.7
20	2/24/2016 19:46:06	13.07	43.63	28.11	9.09	8.05	5.2	1.685	102.9	3.1	0.7
21	2/24/2016 20:01:06	13.06	43.50	28.02	9.09	8.05	5.7	1.772	102.9	2.4	0.6
22	2/24/2016 20:16:06	13.03	43.53	28.04	9.08	8.05	5.7	1.864	102.7	2.8	0.7
23	2/24/2016 20:31:05	13.01	43.32	27.88	9.12	8.04	6.2	1.935	103.0	2.4	0.6
24	2/24/2016 20:46:06	12.99	43.47	27.99	9.13	8.05	6.2	2.017	103.1	2.4	0.6
25	2/24/2016 21:01:05	12.94	43.51	28.02	9.11	8.05	6.1	2.115	102.8	3.0	0.7
26	2/24/2016 21:16:06	12.85	43.99	28.36	9.06	8.05	6.2	2.187	102.3	2.3	0.6
27	2/24/2016 21:31:06	12.80	44.21	28.51	9.00	8.05	6.1	2.272	101.6	2.1	0.5
28	2/24/2016 21:46:06	12.70	44.48	28.71	8.87	8.04	6.1	2.371	100.1	2.8	0.7
29	2/24/2016 22:01:06	12.60	44.71	28.87	8.69	8.03	6.1	2.469	97.9	2.1	0.5
30	2/24/2016 22:16:06	12.59	44.93	29.02	8.72	8.04	6.2	2.530	98.3	2.0	0.5
31	2/24/2016 22:31:06	12.61	44.95	29.04	8.69	8.04	5.9	2.631	98.0	2.3	0.5
32	2/24/2016 22:46:06	12.59	45.13	29.16	8.67	8.04	6.8	2.727	97.9	1.8	0.4
33	2/24/2016 23:01:06	12.56	45.22	29.23	8.71	8.04	7.0	2.804	98.2	2.1	0.5
34	2/24/2016 23:16:06	12.51	45.25	29.25	8.69	8.04	8.7	2.895	97.9	2.2	0.5
35	2/24/2016 23:31:05	12.42	45.45	29.39	8.64	8.04	10.4	3.006	97.3	2.1	0.5
36	2/24/2016 23:46:06	12.35	45.79	29.63	8.69	8.05	11.9	3.083	97.8	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
37	2/25/2016 00:01:06	12.30	46.00	29.78	8.69	8.05	11.5	3.167	97.9	2.0	0.5
38	2/25/2016 00:16:05	12.20	46.58	30.19	8.72	8.06	13.7	3.261	98.2	1.9	0.4
39	2/25/2016 00:31:06	12.13	47.03	30.51	8.81	8.07	14.7	3.357	99.3	2.6	0.6
40	2/25/2016 00:46:06	12.09	47.27	30.68	8.80	8.08	13.0	3.419	99.3	2.4	0.6
41	2/25/2016 01:01:06	12.08	47.33	30.73	8.83	8.08	12.3	3.497	99.5	1.8	0.4
42	2/25/2016 01:16:05	12.07	47.37	30.76	8.83	8.08	10.6	3.537	99.6	1.7	0.4
43	2/25/2016 01:31:05	12.06	47.40	30.78	8.88	8.08	10.3	3.590	100.1	1.9	0.4
44	2/25/2016 01:46:06	12.04	47.46	30.82	8.81	8.08	9.0	3.580	99.3	1.5	0.4
45	2/25/2016 02:01:05	12.06	47.44	30.81	8.79	8.08	7.6	3.609	99.1	2.0	0.5
46	2/25/2016 02:16:06	12.06	47.41	30.79	8.82	8.08	8.0	3.539	99.5	1.7	0.4
47	2/25/2016 02:31:06	12.17	46.60	30.20	8.72	8.06	9.2	3.500	98.2	2.1	0.5
48	2/25/2016 02:46:06	12.22	46.20	29.92	8.60	8.05	9.8	3.413	96.7	1.9	0.5
49	2/25/2016 03:01:06	12.22	46.07	29.83	8.60	8.05	8.0	3.330	96.7	2.3	0.5
50	2/25/2016 03:16:06	12.23	46.06	29.82	8.67	8.06	8.1	3.254	97.5	2.3	0.5
51	2/25/2016 03:31:05	12.25	45.82	29.65	8.63	8.05	8.4	3.145	97.0	2.2	0.5
52	2/25/2016 03:46:05	12.27	45.38	29.34	8.60	8.04	9.1	3.044	96.5	1.8	0.4
53	2/25/2016 04:01:06	12.33	45.10	29.14	8.52	8.04	9.4	2.938	95.6	2.6	0.6
54	2/25/2016 04:16:06	12.38	44.92	29.01	8.49	8.03	8.3	2.845	95.3	2.2	0.5
55	2/25/2016 04:31:06	12.37	44.95	29.03	8.48	8.03	7.0	2.757	95.2	2.0	0.5
56	2/25/2016 04:46:06	12.34	44.78	28.91	8.57	8.03	7.0	2.645	96.0	2.0	0.5
57	2/25/2016 05:01:06	12.37	44.77	28.90	8.52	8.03	7.0	2.555	95.5	1.9	0.4
58	2/25/2016 05:16:06	12.36	44.80	28.92	8.55	8.03	7.0	2.472	95.9	1.6	0.4
59	2/25/2016 05:31:05	12.36	44.79	28.91	8.49	8.03	6.4	2.391	95.2	2.3	0.6
60	2/25/2016 05:46:06	12.44	44.46	28.68	8.53	8.02	6.3	2.279	95.6	1.9	0.5
61	2/25/2016 06:01:06	12.45	44.36	28.61	8.48	8.02	6.5	2.207	95.1	2.5	0.6
62	2/25/2016 06:16:06	12.46	44.28	28.55	8.50	8.02	5.9	2.115	95.3	2.1	0.5
63	2/25/2016 06:31:06	12.51	44.08	28.41	8.52	8.01	6.0	2.051	95.5	2.2	0.5
64	2/25/2016 06:46:06	12.55	43.88	28.27	8.50	8.01	5.6	1.992	95.3	2.8	0.7
65	2/25/2016 07:01:06	12.57	43.79	28.21	8.40	8.01	5.5	1.965	94.1	2.6	0.6
66	2/25/2016 07:16:06	12.59	43.76	28.18	8.37	8.01	5.2	1.937	93.9	2.2	0.5
67	2/25/2016 07:31:06	12.61	43.69	28.13	8.42	8.01	6.4	1.942	94.5	1.8	0.4
68	2/25/2016 07:46:06	12.58	43.83	28.23	8.46	8.01	5.8	1.943	94.9	2.2	0.5
69	2/25/2016 08:01:06	12.58	43.86	28.26	8.50	8.01	5.0	1.982	95.3	2.6	0.6
70	2/25/2016 08:16:06	12.58	43.86	28.26	8.49	8.01	5.0	2.030	95.2	2.3	0.5
71	2/25/2016 08:31:06	12.55	43.68	28.13	8.51	8.01	5.6	2.113	95.3	2.2	0.5
72	2/25/2016 08:46:06	12.54	43.65	28.11	8.43	8.00	5.3	2.206	94.4	2.2	0.5
73	2/25/2016 09:01:06	12.53	43.71	28.15	8.45	8.00	5.7	2.287	94.7	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
74	2/25/2016 09:16:06	12.52	43.95	28.32	8.47	8.01	6.1	2.352	95.0	2.1	0.5
75	2/25/2016 09:31:06	12.50	44.21	28.50	8.47	8.01	5.9	2.430	95.0	1.6	0.4
76	2/25/2016 09:46:06	12.43	44.77	28.90	8.49	8.02	6.1	2.511	95.4	1.5	0.3
77	2/25/2016 10:01:06	12.42	44.90	29.00	8.46	8.03	6.7	2.584	95.1	1.9	0.4
78	2/25/2016 10:16:06	12.43	45.15	29.17	8.48	8.03	5.7	2.645	95.4	2.0	0.5
79	2/25/2016 10:31:06	12.43	45.30	29.28	8.54	8.04	5.7	2.734	96.2	2.0	0.5
80	2/25/2016 10:46:06	12.43	45.32	29.29	8.50	8.04	6.1	2.814	95.7	1.9	0.4
81	2/25/2016 11:01:06	12.43	45.42	29.36	8.56	8.04	6.4	2.883	96.4	2.0	0.5
82	2/25/2016 11:16:06	12.42	45.70	29.57	8.53	8.04	6.9	2.964	96.2	1.5	0.4
83	2/25/2016 11:31:06	12.40	45.79	29.63	8.54	8.05	7.5	3.045	96.2	2.2	0.5
84	2/25/2016 11:46:06	12.37	45.99	29.78	8.63	8.05	10.3	3.132	97.3	2.3	0.5
85	2/25/2016 12:01:06	12.33	46.17	29.90	8.64	8.06	10.6	3.221	97.4	2.3	0.5
86	2/25/2016 12:16:06	12.32	46.36	30.04	8.73	8.06	10.2	3.291	98.5	1.7	0.4
87	2/25/2016 12:31:06	12.29	46.57	30.19	8.76	8.07	10.0	3.379	98.9	1.6	0.4
88	2/25/2016 12:46:06	12.24	46.85	30.39	8.74	8.08	10.1	3.440	98.7	1.8	0.4
89	2/25/2016 13:01:06	12.17	47.11	30.57	8.83	8.08	10.6	3.484	99.7	2.2	0.5
90	2/25/2016 13:16:06	12.14	47.16	30.61	8.87	8.09	9.8	3.518	100.1	1.9	0.5
91	2/25/2016 13:31:06	12.14	47.27	30.69	8.77	8.09	8.6	3.553	99.0	1.2	0.3
92	2/25/2016 13:46:06	12.15	47.20	30.63	8.68	8.08	5.3	3.559	98.0	1.1	0.3
93	2/25/2016 14:01:06	12.17	47.30	30.71	8.74	8.08	8.3	3.522	98.7	2.2	0.5
94	2/25/2016 14:16:06	12.31	46.95	30.47	8.73	8.08	8.1	3.468	98.7	1.2	0.3
95	2/25/2016 14:31:06	12.68	46.35	30.04	8.77	8.08	6.9	3.418	99.7	1.8	0.4
96	2/25/2016 14:46:06	12.93	46.20	29.95	8.79	8.08	6.8	3.342	100.3	2.5	0.6
97	2/25/2016 15:01:06	12.93	46.12	29.89	8.83	8.08	6.6	3.237	100.8	2.0	0.5
98	2/25/2016 15:16:06	12.92	45.98	29.79	8.74	8.07	6.5	3.146	99.8	1.9	0.5
99	2/25/2016 15:31:05	13.03	45.72	29.61	8.76	8.07	6.3	3.056	100.1	2.3	0.5
100	2/25/2016 15:46:06	13.14	45.43	29.40	8.84	8.07	6.0	2.960	101.1	1.8	0.4
101	2/25/2016 16:01:06	13.23	45.27	29.29	8.80	8.07	6.4	2.877	100.8	2.4	0.6
102	2/25/2016 16:16:06	13.22	45.26	29.28	8.98	8.08	6.5	2.771	102.8	1.9	0.5
103	2/25/2016 16:31:06	13.14	45.27	29.29	8.95	8.08	5.6	2.667	102.3	2.0	0.5
104	2/25/2016 16:46:06	13.16	44.90	29.02	8.96	8.08	5.9	2.574	102.3	2.3	0.6
105	2/25/2016 17:01:06	13.09	44.96	29.06	8.97	8.08	5.3	2.470	102.3	2.3	0.6
106	2/25/2016 17:16:06	13.11	44.82	28.96	9.00	8.08	5.3	2.364	102.6	2.2	0.5
107	2/25/2016 17:31:06	13.14	44.63	28.83	9.07	8.09	5.4	2.269	103.3	2.6	0.6
108	2/25/2016 17:46:05	13.18	44.49	28.73	9.08	8.09	5.9	2.154	103.4	2.7	0.6
109	2/25/2016 18:01:06	13.33	44.20	28.52	9.12	8.09	5.2	2.080	104.2	2.1	0.5
110	2/25/2016 18:16:06	13.36	44.12	28.47	9.10	8.09	5.4	1.982	103.9	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
111	2/25/2016 18:31:06	13.33	44.18	28.51	9.11	8.09	5.2	1.888	104.0	2.7	0.6
112	2/25/2016 18:46:06	13.38	44.03	28.40	9.05	8.08	5.7	1.832	103.4	2.3	0.5
113	2/25/2016 19:01:05	13.41	43.92	28.32	9.04	8.08	5.7	1.772	103.2	2.4	0.6
114	2/25/2016 19:16:05	13.47	43.87	28.29	9.02	8.08	5.9	1.725	103.1	2.9	0.7
115	2/25/2016 19:31:06	13.50	43.81	28.25	9.03	8.08	5.5	1.750	103.3	3.0	0.7
116	2/25/2016 19:46:06	13.47	43.81	28.25	9.15	8.08	5.4	1.766	104.5	3.0	0.7
117	2/25/2016 20:01:06	13.44	43.83	28.26	9.10	8.08	4.7	1.779	103.9	2.6	0.6
118	2/25/2016 20:16:06	13.44	43.92	28.32	9.12	8.09	4.8	1.834	104.3	3.1	0.7
119	2/25/2016 20:31:06	13.43	43.76	28.21	9.18	8.08	5.1	1.893	104.8	2.6	0.6
120	2/25/2016 20:46:06	13.42	43.76	28.21	9.12	8.08	4.9	1.976	104.1	2.6	0.6
121	2/25/2016 21:01:05	13.40	43.67	28.15	9.08	8.07	5.6	2.060	103.5	2.4	0.6
122	2/25/2016 21:16:06	13.37	43.80	28.24	9.13	8.08	5.4	2.137	104.2	2.5	0.6
123	2/25/2016 21:31:06	13.32	43.93	28.33	9.06	8.08	5.9	2.227	103.3	2.5	0.6
124	2/25/2016 21:46:06	13.27	44.14	28.48	9.05	8.07	5.4	2.302	103.2	2.5	0.6
125	2/25/2016 22:01:06	13.13	44.67	28.86	8.90	8.06	5.6	2.382	101.4	2.4	0.6
126	2/25/2016 22:16:06	13.03	44.92	29.03	8.77	8.05	5.7	2.465	99.8	2.5	0.6
127	2/25/2016 22:31:06	12.99	45.12	29.17	8.71	8.05	5.5	2.547	99.2	2.3	0.6
128	2/25/2016 22:46:06	12.98	45.12	29.17	8.71	8.05	5.4	2.619	99.1	2.2	0.5
129	2/25/2016 23:01:06	12.99	45.15	29.20	8.67	8.05	5.6	2.695	98.7	1.8	0.4
130	2/25/2016 23:16:06	12.98	45.25	29.26	8.67	8.06	6.0	2.783	98.7	2.3	0.5
131	2/25/2016 23:31:06	12.92	45.36	29.34	8.66	8.06	7.9	2.867	98.5	2.3	0.5
132	2/25/2016 23:46:06	12.87	45.56	29.48	8.64	8.06	7.8	2.951	98.3	2.3	0.5
133	2/26/2016 00:01:06	12.78	45.70	29.58	8.71	8.06	9.4	3.054	99.0	2.3	0.6
134	2/26/2016 00:16:06	12.69	45.97	29.77	8.75	8.07	10.9	3.127	99.3	2.3	0.5
135	2/26/2016 00:31:06	12.64	46.24	29.96	8.70	8.07	11.2	3.247	98.8	1.9	0.5
136	2/26/2016 00:46:06	12.47	46.84	30.39	8.79	8.08	13.1	3.322	99.7	2.4	0.6
137	2/26/2016 01:01:06	12.36	47.25	30.68	8.78	8.09	12.6	3.403	99.6	2.5	0.6
138	2/26/2016 01:16:06	12.30	47.52	30.88	8.81	8.10	12.3	3.469	99.9	2.1	0.5
139	2/26/2016 01:31:06	12.26	47.65	30.96	8.87	8.10	10.4	3.524	100.5	2.0	0.5
140	2/26/2016 01:46:06	12.24	47.73	31.02	8.86	8.10	9.3	3.573	100.4	2.2	0.5
141	2/26/2016 02:01:06	12.22	47.79	31.06	8.77	8.10	8.6	3.583	99.4	2.1	0.5
142	2/26/2016 02:16:06	12.20	47.85	31.11	8.75	8.10	5.3	3.613	99.1	2.0	0.5
143	2/26/2016 02:31:06	12.20	47.85	31.11	8.70	8.10	8.4	3.599	98.6	1.7	0.4
144	2/26/2016 02:46:06	12.38	47.03	30.53	8.68	8.08	6.8	3.548	98.3	2.0	0.5
145	2/26/2016 03:01:06	12.49	46.47	30.13	8.67	8.07	7.4	3.505	98.2	1.9	0.5
146	2/26/2016 03:16:06	12.57	46.14	29.89	8.55	8.06	7.6	3.429	96.9	2.2	0.5
147	2/26/2016 03:31:06	12.56	46.08	29.85	8.60	8.06	7.6	3.341	97.4	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
148	2/26/2016 03:46:06	12.58	46.08	29.85	8.60	8.06	7.8	3.272	97.5	1.9	0.5
149	2/26/2016 04:01:06	12.65	45.73	29.60	8.52	8.06	7.9	3.167	96.5	1.8	0.4
150	2/26/2016 04:16:06	12.66	45.69	29.57	8.55	8.05	7.9	3.074	96.8	1.4	0.3
151	2/26/2016 04:31:06	12.70	45.38	29.35	8.48	8.05	7.8	2.968	96.0	2.1	0.5
152	2/26/2016 04:46:06	12.76	45.19	29.21	8.53	8.04	7.1	2.874	96.7	2.1	0.5
153	2/26/2016 05:01:06	12.82	45.13	29.18	8.54	8.05	6.4	2.787	96.8	2.5	0.6
154	2/26/2016 05:16:06	12.75	45.14	29.18	8.48	8.05	6.5	2.686	96.0	2.1	0.5
155	2/26/2016 05:31:06	12.76	45.18	29.21	8.53	8.05	6.6	2.617	96.6	1.7	0.4
156	2/26/2016 05:46:06	12.80	45.16	29.20	8.47	8.05	6.4	2.528	96.0	1.7	0.4
157	2/26/2016 06:01:06	12.76	45.26	29.26	8.50	8.05	5.6	2.419	96.3	2.4	0.6
158	2/26/2016 06:16:06	12.85	44.96	29.05	8.51	8.04	5.9	2.336	96.4	2.5	0.6
159	2/26/2016 06:31:06	12.85	44.90	29.01	8.42	8.04	5.5	2.250	95.5	2.1	0.5
160	2/26/2016 06:46:06	12.95	44.46	28.70	8.43	8.04	5.4	2.168	95.6	2.2	0.5
161	2/26/2016 07:01:06	12.87	44.58	28.78	8.36	8.03	5.4	2.112	94.7	2.0	0.5
162	2/26/2016 07:16:06	12.92	44.31	28.59	8.37	8.03	5.4	2.058	94.8	2.6	0.6
163	2/26/2016 07:31:06	12.99	44.04	28.40	8.42	8.03	5.6	1.998	95.3	1.6	0.4
164	2/26/2016 07:46:06	13.02	43.99	28.37	8.41	8.03	5.2	1.975	95.3	2.2	0.5
165	2/26/2016 08:01:06	13.03	43.99	28.36	8.33	8.03	5.4	1.971	94.4	1.9	0.4
166	2/26/2016 08:16:06	13.02	43.93	28.32	8.38	8.03	5.4	1.991	94.9	2.1	0.5
167	2/26/2016 08:31:06	13.02	43.99	28.37	8.45	8.03	4.8	2.016	95.7	1.8	0.4
168	2/26/2016 08:46:06	13.04	44.10	28.44	8.47	8.03	4.7	2.060	96.1	2.0	0.5
169	2/26/2016 09:01:06	13.03	44.12	28.46	8.50	8.03	4.7	2.122	96.4	2.4	0.6
170	2/26/2016 09:16:06	13.01	44.06	28.41	8.43	8.03	4.7	2.165	95.5	2.2	0.5
171	2/26/2016 09:31:06	12.99	44.06	28.41	8.45	8.03	5.1	2.223	95.7	1.6	0.4
172	2/26/2016 09:46:06	12.97	44.10	28.44	8.48	8.02	5.3	2.306	96.1	1.9	0.4
173	2/26/2016 10:01:06	12.95	44.31	28.59	8.49	8.03	5.7	2.388	96.2	1.4	0.3
174	2/26/2016 10:16:06	12.91	44.48	28.71	8.51	8.03	4.9	2.451	96.4	2.3	0.5
175	2/26/2016 10:31:06	12.84	45.05	29.11	8.51	8.04	5.5	2.526	96.5	1.7	0.4
176	2/26/2016 10:46:06	12.83	45.10	29.15	8.46	8.04	5.3	2.582	96.0	1.9	0.5
177	2/26/2016 11:01:06	12.81	45.36	29.34	8.53	8.05	5.3	2.680	96.8	1.5	0.3
178	2/26/2016 11:16:06	12.81	45.43	29.39	8.55	8.05	5.2	2.744	97.0	2.1	0.5
179	2/26/2016 11:31:06	12.79	45.50	29.43	8.54	8.05	5.3	2.812	97.0	1.9	0.4
180	2/26/2016 11:46:06	12.76	45.61	29.52	8.49	8.05	5.9	2.892	96.4	1.7	0.4
181	2/26/2016 12:01:06	12.71	45.86	29.69	8.47	8.06	6.1	2.951	96.2	1.6	0.4
182	2/26/2016 12:16:06	12.65	45.96	29.76	8.49	8.06	6.7	3.035	96.3	2.2	0.5
183	2/26/2016 12:31:06	12.58	46.10	29.86	8.57	8.07	7.8	3.098	97.1	2.3	0.6
184	2/26/2016 12:46:06	12.53	46.26	29.97	8.55	8.07	7.8	3.175	96.9	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
185	2/26/2016 13:01:06	12.51	46.45	30.11	8.61	8.07	7.0	3.231	97.6	2.0	0.5
186	2/26/2016 13:16:06	12.47	46.54	30.17	8.63	8.08	6.7	3.324	97.7	2.1	0.5
187	2/26/2016 13:31:06	12.44	46.63	30.24	8.56	8.08	6.6	3.368	96.9	1.7	0.4
188	2/26/2016 13:46:06	12.41	46.79	30.35	8.61	8.08	7.0	3.370	97.5	1.7	0.4
189	2/26/2016 14:01:06	12.44	46.63	30.24	8.58	8.08	5.2	3.390	97.2	2.1	0.5
190	2/26/2016 14:16:06	12.37	46.87	30.40	8.51	8.08	4.3	3.412	96.4	1.8	0.4
191	2/26/2016 14:31:06	12.37	46.90	30.43	8.47	8.08	6.4	3.408	95.9	1.2	0.3
192	2/26/2016 14:46:06	12.38	46.85	30.39	8.52	8.08	5.7	3.351	96.4	1.9	0.5
193	2/26/2016 15:01:06	12.93	45.40	29.37	8.65	8.08	5.6	3.305	98.5	2.0	0.5
194	2/26/2016 15:16:06	12.89	45.48	29.42	8.60	8.08	5.2	3.269	97.8	1.7	0.4
195	2/26/2016 15:31:06	12.87	45.56	29.48	8.68	8.08	5.5	3.206	98.8	2.4	0.6
196	2/26/2016 15:46:06	12.89	45.49	29.44	8.60	8.07	4.6	3.122	97.9	1.9	0.5
197	2/26/2016 16:01:06	12.90	45.44	29.40	8.65	8.07	5.0	3.033	98.4	1.8	0.4
198	2/26/2016 16:16:06	12.94	45.33	29.32	8.62	8.07	5.8	2.962	98.1	2.2	0.5
199	2/26/2016 16:31:07	12.95	45.37	29.35	8.62	8.07	5.4	2.858	98.1	2.1	0.5
200	2/26/2016 16:46:06	12.97	45.30	29.30	8.57	8.07	4.5	2.791	97.5	2.6	0.6
201	2/26/2016 17:01:06	12.98	45.26	29.27	8.57	8.07	4.9	2.701	97.6	2.4	0.6
202	2/26/2016 17:16:06	13.00	45.13	29.18	8.62	8.07	4.8	2.620	98.1	2.7	0.6
203	2/26/2016 17:31:06	13.01	44.94	29.05	8.59	8.07	4.9	2.542	97.8	2.5	0.6
204	2/26/2016 17:46:06	13.01	44.98	29.07	8.58	8.07	4.7	2.459	97.7	2.7	0.6
205	2/26/2016 18:01:06	13.05	44.69	28.86	8.62	8.07	4.8	2.377	98.0	2.8	0.7
206	2/26/2016 18:16:06	13.06	44.64	28.83	8.69	8.07	4.4	2.288	98.8	2.4	0.6
207	2/26/2016 18:31:06	13.08	44.45	28.69	8.71	8.07	5.1	2.200	99.0	2.7	0.6
208	2/26/2016 18:46:06	13.08	44.60	28.80	8.66	8.07	5.5	2.193	98.5	3.2	0.8
209	2/26/2016 19:01:06	13.11	44.43	28.68	8.67	8.07	6.1	2.110	98.6	3.0	0.7
210	2/26/2016 19:16:06	13.13	44.37	28.64	8.66	8.07	6.5	2.011	98.5	3.0	0.7
211	2/26/2016 19:31:06	13.15	44.29	28.58	8.61	8.07	7.3	1.962	97.9	3.3	0.8
212	2/26/2016 19:46:06	13.18	44.21	28.53	8.64	8.07	5.7	1.951	98.3	3.6	0.8
213	2/26/2016 20:01:06	13.20	44.11	28.45	8.54	8.07	4.4	1.932	97.2	3.6	0.9
214	2/26/2016 20:16:06	13.19	44.10	28.45	8.58	8.07	5.0	1.891	97.6	3.7	0.9
215	2/26/2016 20:31:06	13.17	44.18	28.51	8.69	8.07	5.6	1.997	98.8	2.8	0.7
216	2/26/2016 20:46:07	13.16	44.19	28.51	8.71	8.07	4.7	1.999	99.1	3.2	0.8
217	2/26/2016 21:01:06	13.12	44.06	28.42	8.66	8.06	5.1	2.090	98.3	2.4	0.6
218	2/26/2016 21:16:06	13.12	44.11	28.45	8.63	8.06	4.8	2.135	98.1	3.0	0.7
219	2/26/2016 21:31:06	13.10	43.98	28.36	8.67	8.06	5.0	2.246	98.4	2.8	0.7
220	2/26/2016 21:46:06	13.05	43.86	28.28	8.63	8.05	5.5	2.288	97.8	3.4	0.8
221	2/26/2016 22:01:05	13.04	44.08	28.43	8.58	8.05	5.1	2.357	97.3	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
222	2/26/2016 22:16:05	13.03	44.40	28.66	8.56	8.06	5.1	2.442	97.2	3.2	0.8
223	2/26/2016 22:31:06	12.98	44.76	28.92	8.58	8.06	5.1	2.478	97.5	2.3	0.5
224	2/26/2016 22:46:06	12.91	44.98	29.07	8.51	8.06	5.7	2.592	96.6	2.2	0.5
225	2/26/2016 23:01:06	12.88	45.15	29.19	8.55	8.06	4.8	2.647	97.1	2.0	0.5
226	2/26/2016 23:16:06	12.87	45.24	29.26	8.53	8.06	4.8	2.700	96.9	1.6	0.4
227	2/26/2016 23:31:06	12.85	45.32	29.31	8.48	8.06	5.0	2.800	96.3	2.1	0.5
228	2/26/2016 23:46:06	12.81	45.42	29.38	8.48	8.06	5.8	2.869	96.3	2.6	0.6
229	2/27/2016 00:01:06	12.71	45.45	29.40	8.53	8.06	8.9	2.952	96.6	2.2	0.5
230	2/27/2016 00:16:06	12.66	45.71	29.58	8.55	8.07	8.1	3.028	96.9	1.6	0.4
231	2/27/2016 00:31:06	12.63	45.89	29.71	8.50	8.07	7.4	3.129	96.3	2.4	0.6
232	2/27/2016 00:46:06	12.58	46.07	29.84	8.49	8.07	7.5	3.213	96.2	1.6	0.4
233	2/27/2016 01:01:06	12.53	46.19	29.92	8.54	8.07	7.8	3.298	96.7	2.0	0.5
234	2/27/2016 01:16:06	12.48	46.41	30.08	8.55	8.08	8.0	3.358	96.9	2.0	0.5
235	2/27/2016 01:31:06	12.38	46.79	30.35	8.54	8.08	8.3	3.443	96.6	2.1	0.5
236	2/27/2016 01:46:06	12.30	47.13	30.59	8.63	8.09	8.8	3.494	97.6	1.8	0.4
237	2/27/2016 02:01:05	12.24	47.30	30.71	8.67	8.09	7.3	3.536	98.0	1.8	0.4
238	2/27/2016 02:16:06	12.22	47.54	30.88	8.67	8.10	6.9	3.587	98.1	2.1	0.5
239	2/27/2016 02:31:05	12.21	47.58	30.91	8.59	8.09	7.3	3.602	97.2	1.8	0.4
240	2/27/2016 02:46:05	12.21	47.56	30.90	8.54	8.10	4.0	3.593	96.7	1.8	0.4
241	2/27/2016 03:01:05	12.21	47.59	30.92	8.52	8.09	6.1	3.568	96.4	2.3	0.6
242	2/27/2016 03:16:06	12.24	47.48	30.84	8.53	8.09	6.4	3.548	96.5	1.3	0.3
243	2/27/2016 03:31:06	12.42	46.26	29.97	8.45	8.07	6.4	3.507	95.5	2.2	0.5
244	2/27/2016 03:46:06	12.48	46.18	29.91	8.44	8.07	7.2	3.427	95.5	2.3	0.6
245	2/27/2016 04:01:06	12.45	46.14	29.89	8.42	8.07	6.7	3.340	95.2	2.1	0.5
246	2/27/2016 04:16:06	12.48	46.02	29.80	8.44	8.06	6.1	3.246	95.4	1.8	0.4
247	2/27/2016 04:31:06	12.52	45.82	29.66	8.36	8.06	7.0	3.173	94.5	2.3	0.5
248	2/27/2016 04:46:06	12.57	45.31	29.29	8.44	8.06	8.6	3.096	95.3	2.4	0.6
249	2/27/2016 05:01:06	12.58	45.23	29.24	8.36	8.05	6.9	2.980	94.4	2.1	0.5
250	2/27/2016 05:16:06	12.57	45.17	29.19	8.41	8.05	6.7	2.888	94.9	2.0	0.5
251	2/27/2016 05:31:06	12.55	45.12	29.16	8.39	8.05	5.7	2.825	94.6	2.1	0.5
252	2/27/2016 05:46:06	12.51	45.13	29.16	8.39	8.05	6.2	2.738	94.5	2.3	0.5
253	2/27/2016 06:01:06	12.54	45.03	29.09	8.38	8.04	5.4	2.616	94.4	2.1	0.5
254	2/27/2016 06:16:06	12.54	44.98	29.06	8.32	8.04	5.2	2.544	93.7	2.3	0.5
255	2/27/2016 06:31:06	12.53	44.88	28.99	8.35	8.04	5.4	2.465	94.0	1.8	0.4
256	2/27/2016 06:46:06	12.56	44.62	28.80	8.34	8.04	5.1	2.372	93.8	2.1	0.5
257	2/27/2016 07:01:06	12.53	44.65	28.82	8.27	8.04	5.4	2.287	93.0	1.9	0.5
258	2/27/2016 07:16:06	12.66	44.29	28.57	8.24	8.03	5.0	2.207	92.7	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
259	2/27/2016 07:31:06	12.65	44.25	28.54	8.23	8.03	5.3	2.151	92.6	2.0	0.5
260	2/27/2016 07:46:06	12.63	44.27	28.55	8.27	8.03	4.8	2.091	93.0	2.4	0.6
261	2/27/2016 08:01:06	12.66	44.14	28.46	8.22	8.03	4.8	2.042	92.5	2.5	0.6
262	2/27/2016 08:16:06	12.67	44.13	28.45	8.24	8.03	4.5	1.994	92.7	2.1	0.5
263	2/27/2016 08:31:06	12.71	44.03	28.38	8.18	8.02	4.3	1.970	92.0	2.4	0.6
264	2/27/2016 08:46:06	12.73	43.97	28.34	8.21	8.02	4.0	1.958	92.5	2.9	0.7
265	2/27/2016 09:01:06	12.71	44.00	28.36	8.28	8.03	5.0	1.982	93.2	2.2	0.5
266	2/27/2016 09:16:06	12.70	44.11	28.44	8.25	8.03	4.7	2.022	92.9	1.9	0.4
267	2/27/2016 09:31:06	12.75	44.10	28.44	8.27	8.03	4.4	2.053	93.2	2.6	0.6
268	2/27/2016 09:46:06	12.73	44.02	28.37	8.30	8.02	4.7	2.116	93.4	2.4	0.6
269	2/27/2016 10:01:06	12.73	43.99	28.36	8.26	8.02	4.5	2.190	93.0	1.6	0.4
270	2/27/2016 10:16:05	12.69	43.98	28.35	8.23	8.02	4.8	2.238	92.6	2.4	0.6
271	2/27/2016 10:31:06	12.68	44.00	28.36	8.22	8.02	4.7	2.319	92.4	1.8	0.4
272	2/27/2016 10:46:06	12.67	44.16	28.47	8.23	8.02	4.9	2.371	92.6	1.7	0.4
273	2/27/2016 11:01:06	12.64	44.41	28.66	8.30	8.03	5.2	2.462	93.5	1.3	0.3
274	2/27/2016 11:16:06	12.63	44.48	28.70	8.26	8.03	4.7	2.507	93.0	2.5	0.6
275	2/27/2016 11:31:06	12.61	45.07	29.12	8.34	8.04	4.9	2.571	94.1	1.8	0.4
276	2/27/2016 11:46:06	12.63	45.16	29.19	8.38	8.04	4.8	2.622	94.6	2.0	0.5
277	2/27/2016 12:01:06	12.65	45.27	29.27	8.40	8.05	4.3	2.685	95.0	1.9	0.5
278	2/27/2016 12:16:06	12.65	45.41	29.37	8.41	8.05	4.2	2.765	95.1	2.0	0.5
279	2/27/2016 12:31:06	12.66	45.39	29.36	8.36	8.05	4.2	2.835	94.6	2.1	0.5
280	2/27/2016 12:46:06	12.64	45.50	29.43	8.36	8.05	4.5	2.888	94.6	1.9	0.4
281	2/27/2016 13:01:06	12.62	45.66	29.55	8.41	8.05	4.7	2.953	95.2	1.8	0.4
282	2/27/2016 13:16:06	12.62	45.68	29.56	8.44	8.06	4.6	3.007	95.5	1.6	0.4
283	2/27/2016 13:31:06	12.57	45.75	29.61	8.43	8.06	4.9	3.069	95.3	2.2	0.5
284	2/27/2016 13:46:06	12.54	45.96	29.76	8.49	8.06	4.9	3.127	96.0	1.5	0.4
285	2/27/2016 14:01:06	12.51	46.02	29.80	8.50	8.07	5.0	3.188	96.1	1.9	0.5
286	2/27/2016 14:16:06	12.50	46.10	29.86	8.49	8.07	5.6	3.190	96.1	2.0	0.5
287	2/27/2016 14:31:06	12.49	46.23	29.95	8.50	8.07	5.4	3.221	96.2	1.6	0.4
288	2/27/2016 14:46:06	12.48	46.24	29.96	8.51	8.07	5.2	3.256	96.3	2.6	0.6
289	2/27/2016 15:01:06	12.55	46.05	29.83	8.46	8.07	4.0	3.255	95.8	2.2	0.5
290	2/27/2016 15:16:06	12.51	46.17	29.91	8.40	8.06	4.2	3.247	95.1	1.9	0.4
291	2/27/2016 15:31:06	12.50	46.20	29.93	8.39	8.06	4.3	3.241	94.9	1.5	0.4
292	2/27/2016 15:46:06	12.86	45.62	29.52	8.55	8.08	4.7	3.197	97.2	2.0	0.5
293	2/27/2016 16:01:06	12.90	45.61	29.52	8.63	8.08	4.4	3.125	98.3	2.0	0.5
294	2/27/2016 16:16:06	13.14	45.29	29.30	8.68	8.08	6.3	3.060	99.2	2.4	0.6
295	2/27/2016 16:31:06	13.03	45.46	29.42	8.52	8.07	5.0	3.010	97.2	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
296	2/27/2016 16:46:06	13.03	45.40	29.38	8.49	8.07	5.8	2.929	96.8	2.2	0.5
297	2/27/2016 17:01:06	13.05	45.31	29.31	8.51	8.07	8.6	2.840	97.0	2.4	0.6
298	2/27/2016 17:16:06	13.02	45.19	29.23	8.49	8.07	7.8	2.772	96.7	2.0	0.5
299	2/27/2016 17:31:06	13.05	45.08	29.15	8.52	8.07	6.9	2.694	97.0	1.9	0.4
300	2/27/2016 17:46:06	13.02	44.96	29.06	8.56	8.07	6.3	2.618	97.4	2.2	0.5
301	2/27/2016 18:01:06	12.99	44.85	28.98	8.72	8.08	5.8	2.544	99.1	1.9	0.4
302	2/27/2016 18:16:06	12.97	44.71	28.88	8.70	8.08	5.4	2.466	98.8	2.7	0.6
303	2/27/2016 18:31:06	12.95	44.58	28.78	8.82	8.08	5.3	2.402	100.0	2.4	0.6
304	2/27/2016 18:46:06	12.97	44.42	28.67	8.85	8.09	4.1	2.328	100.4	2.5	0.6
305	2/27/2016 19:01:06	12.97	44.33	28.61	8.86	8.09	5.1	2.286	100.5	2.5	0.6
306	2/27/2016 19:16:07	12.95	44.38	28.64	8.85	8.09	4.8	2.206	100.3	3.2	0.8
307	2/27/2016 19:31:06	12.93	44.42	28.67	8.76	8.09	4.6	2.154	99.2	2.8	0.7
308	2/27/2016 19:46:06	12.99	44.28	28.57	8.83	8.09	4.2	2.134	100.2	2.9	0.7
309	2/27/2016 20:01:06	13.01	44.15	28.48	8.90	8.09	4.4	2.089	100.9	3.0	0.7
310	2/27/2016 20:16:06	13.03	44.10	28.44	8.87	8.09	4.0	2.052	100.6	2.9	0.7
311	2/27/2016 20:31:06	13.03	44.06	28.41	8.92	8.09	4.6	2.067	101.1	2.5	0.6
312	2/27/2016 20:46:06	13.02	44.05	28.40	8.91	8.09	4.3	2.080	101.0	2.9	0.7
313	2/27/2016 21:01:06	12.98	44.13	28.46	8.89	8.09	4.0	2.077	100.8	2.3	0.6
314	2/27/2016 21:16:06	12.97	44.22	28.53	8.87	8.09	4.0	2.154	100.5	2.5	0.6
315	2/27/2016 21:31:06	12.94	44.19	28.50	8.91	8.09	4.0	2.167	100.8	2.5	0.6
316	2/27/2016 21:46:06	12.93	44.22	28.52	8.82	8.08	3.9	2.228	99.8	2.6	0.6
317	2/27/2016 22:01:06	12.94	44.30	28.58	8.78	8.08	4.1	2.305	99.4	2.3	0.5
318	2/27/2016 22:16:06	12.95	44.30	28.58	8.74	8.07	4.3	2.345	99.0	2.0	0.5
319	2/27/2016 22:31:06	12.96	44.46	28.70	8.71	8.07	4.7	2.424	98.8	2.7	0.6
320	2/27/2016 22:46:06	12.97	44.54	28.75	8.72	8.07	4.5	2.481	99.0	2.8	0.7
321	2/27/2016 23:01:06	12.95	44.74	28.90	8.69	8.07	4.3	2.566	98.6	2.2	0.5
322	2/27/2016 23:16:06	12.88	45.02	29.10	8.58	8.06	4.5	2.629	97.4	2.1	0.5
323	2/27/2016 23:31:06	12.79	45.23	29.25	8.45	8.06	4.3	2.705	95.8	1.7	0.4
324	2/27/2016 23:46:06	12.77	45.42	29.38	8.44	8.06	4.2	2.793	95.7	2.1	0.5
325	2/28/2016 00:01:07	12.74	45.58	29.49	8.48	8.06	4.2	2.835	96.2	2.3	0.5
326	2/28/2016 00:16:06	12.71	45.68	29.56	8.49	8.06	3.9	2.918	96.3	2.2	0.5
327	2/28/2016 00:31:06	12.65	45.98	29.77	8.52	8.06	4.9	2.978	96.6	2.2	0.5
328	2/28/2016 00:46:06	12.60	46.14	29.89	8.52	8.07	5.3	3.044	96.6	2.2	0.5
329	2/28/2016 01:01:06	12.53	46.34	30.03	8.55	8.07	5.0	3.116	96.9	1.2	0.3
330	2/28/2016 01:16:06	12.49	46.40	30.07	8.56	8.07	5.4	3.183	97.0	1.5	0.4
331	2/28/2016 01:31:06	12.43	46.48	30.13	8.59	8.08	5.4	3.272	97.2	1.4	0.3
332	2/28/2016 01:46:06	12.35	46.74	30.31	8.64	8.08	6.2	3.327	97.7	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	2/28/2016 02:01:06	12.32	46.94	30.46	8.65	8.08	6.5	3.410	97.9	2.1	0.5
334	2/28/2016 02:16:06	12.26	47.10	30.57	8.69	8.09	6.3	3.470	98.2	2.4	0.6
335	2/28/2016 02:31:06	12.21	47.41	30.79	8.74	8.10	5.4	3.496	98.8	1.6	0.4
336	2/28/2016 02:46:06	12.19	47.59	30.92	8.75	8.10	5.8	3.532	99.0	2.4	0.6
337	2/28/2016 03:01:06	12.17	47.70	31.00	8.71	8.10	5.5	3.553	98.6	1.7	0.4
338	2/28/2016 03:16:06	12.17	47.79	31.06	8.62	8.10	3.7	3.558	97.6	1.9	0.4
339	2/28/2016 03:31:06	12.17	47.84	31.10	8.69	8.10	5.0	3.532	98.4	2.1	0.5
340	2/28/2016 03:46:06	12.30	46.67	30.26	8.58	8.08	4.7	3.505	96.9	1.6	0.4
341	2/28/2016 04:01:06	12.31	45.99	29.77	8.45	8.06	4.7	3.455	95.2	2.0	0.5
342	2/28/2016 04:16:06	12.35	46.05	29.82	8.43	8.06	5.1	3.391	95.1	1.6	0.4
343	2/28/2016 04:31:06	12.33	46.11	29.86	8.43	8.07	5.2	3.323	95.0	1.7	0.4
344	2/28/2016 04:46:06	12.32	46.07	29.83	8.50	8.07	5.1	3.229	95.7	2.1	0.5
345	2/28/2016 05:01:06	12.40	46.18	29.91	8.47	8.07	8.7	3.156	95.7	2.0	0.5
346	2/28/2016 05:16:06	12.42	45.86	29.68	8.45	8.06	7.2	3.068	95.4	2.1	0.5
347	2/28/2016 05:31:06	12.43	45.49	29.42	8.39	8.05	6.3	2.976	94.5	2.5	0.6
348	2/28/2016 05:46:06	12.47	45.38	29.34	8.37	8.05	5.8	2.918	94.4	2.1	0.5
349	2/28/2016 06:01:06	12.48	45.36	29.33	8.41	8.05	5.4	2.818	94.8	2.0	0.5
350	2/28/2016 06:16:06	12.48	45.14	29.17	8.36	8.05	4.8	2.740	94.1	2.0	0.5
351	2/28/2016 06:31:06	12.40	45.11	29.15	8.41	8.05	5.3	2.668	94.5	2.1	0.5
352	2/28/2016 06:46:06	12.45	45.00	29.07	8.42	8.05	5.0	2.596	94.6	2.1	0.5
353	2/28/2016 07:01:06	12.44	44.96	29.04	8.37	8.05	5.1	2.504	94.1	1.5	0.4
354	2/28/2016 07:16:06	12.51	44.49	28.70	8.43	8.04	5.0	2.442	94.7	2.0	0.5
355	2/28/2016 07:31:06	12.47	44.56	28.75	8.38	8.04	5.7	2.361	94.1	2.4	0.6
356	2/28/2016 07:46:06	12.49	44.40	28.64	8.36	8.04	5.6	2.283	93.9	2.4	0.6
357	2/28/2016 08:01:06	12.38	44.59	28.77	8.35	8.04	7.4	2.209	93.6	1.9	0.5
358	2/28/2016 08:16:06	12.48	44.23	28.52	8.36	8.04	5.4	2.164	93.8	1.7	0.4
359	2/28/2016 08:31:06	12.45	44.29	28.56	8.36	8.04	5.9	2.102	93.7	2.6	0.6
360	2/28/2016 08:46:06	12.48	44.21	28.51	8.41	8.04	5.6	2.063	94.3	2.2	0.5
361	2/28/2016 09:01:06	12.50	44.18	28.48	8.34	8.04	4.7	2.042	93.5	2.4	0.6
362	2/28/2016 09:16:06	12.50	44.10	28.42	8.41	8.04	4.8	1.977	94.2	2.4	0.6
363	2/28/2016 09:31:06	12.51	44.02	28.37	8.41	8.04	4.8	1.994	94.3	2.7	0.6
364	2/28/2016 09:46:06	12.50	44.14	28.45	8.46	8.04	5.0	2.026	94.9	2.6	0.6
365	2/28/2016 10:01:06	12.52	44.12	28.44	8.46	8.04	4.8	2.025	94.9	2.4	0.6
366	2/28/2016 10:16:06	12.57	44.07	28.41	8.47	8.04	4.3	2.075	95.1	2.3	0.6
367	2/28/2016 10:31:06	12.57	44.13	28.45	8.44	8.04	4.7	2.107	94.8	2.6	0.6
368	2/28/2016 10:46:06	12.58	44.05	28.39	8.40	8.04	4.7	2.177	94.3	2.4	0.6
369	2/28/2016 11:01:06	12.54	44.07	28.41	8.37	8.03	4.9	2.243	93.9	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
370	2/28/2016 11:16:06	12.53	44.14	28.45	8.38	8.03	4.7	2.284	94.1	2.2	0.5
371	2/28/2016 11:31:06	12.52	44.18	28.49	8.33	8.03	4.5	2.377	93.4	2.4	0.6
372	2/28/2016 11:46:06	12.51	44.40	28.64	8.38	8.03	5.0	2.431	94.1	1.8	0.4
373	2/28/2016 12:01:06	12.50	44.66	28.82	8.32	8.04	4.5	2.469	93.5	2.0	0.5
374	2/28/2016 12:16:06	12.50	44.72	28.87	8.30	8.04	4.3	2.545	93.3	2.5	0.6
375	2/28/2016 12:31:06	12.52	44.93	29.02	8.32	8.04	4.5	2.586	93.6	2.2	0.5
376	2/28/2016 12:46:06	12.54	45.03	29.09	8.35	8.04	4.3	2.648	94.1	1.9	0.5
377	2/28/2016 13:01:06	12.54	45.40	29.36	8.41	8.05	4.3	2.696	94.9	2.1	0.5
378	2/28/2016 13:16:06	12.56	45.49	29.43	8.35	8.05	4.0	2.747	94.4	2.3	0.5
379	2/28/2016 13:31:06	12.58	45.56	29.47	8.37	8.05	3.9	2.795	94.6	1.8	0.4
380	2/28/2016 13:46:06	12.56	45.64	29.53	8.43	8.05	3.9	2.850	95.3	1.7	0.4
381	2/28/2016 14:01:06	12.56	45.66	29.55	8.37	8.05	3.8	2.923	94.7	2.0	0.5
382	2/28/2016 14:16:06	12.59	45.75	29.61	8.44	8.05	3.9	2.955	95.6	2.2	0.5
383	2/28/2016 14:31:06	12.62	45.80	29.65	8.48	8.06	3.9	3.014	96.1	2.1	0.5
384	2/28/2016 14:46:07	12.56	45.85	29.68	8.46	8.06	3.9	3.046	95.8	2.1	0.5
385	2/28/2016 15:01:06	12.53	45.97	29.76	8.40	8.06	4.2	3.057	95.0	1.8	0.4
386	2/28/2016 15:16:06	12.53	45.97	29.77	8.41	8.06	4.4	3.083	95.1	2.3	0.5
387	2/28/2016 15:31:06	12.52	45.95	29.75	8.42	8.06	3.7	3.082	95.2	1.2	0.3
388	2/28/2016 15:46:05	12.53	45.92	29.73	8.31	8.05	3.4	3.098	94.0	1.7	0.4
389	2/28/2016 16:01:06	12.53	45.92	29.73	8.33	8.05	3.1	3.102	94.3	1.8	0.4
390	2/28/2016 16:16:06	12.55	45.92	29.73	8.31	8.05	4.0	3.065	94.0	1.2	0.3
391	2/28/2016 16:31:06	12.58	45.88	29.70	8.38	8.05	3.7	3.029	94.9	1.9	0.4
392	2/28/2016 16:46:06	12.66	45.81	29.65	8.44	8.06	3.6	2.999	95.7	2.0	0.5
393	2/28/2016 17:01:06	12.88	45.56	29.49	8.52	8.06	4.7	2.926	96.9	1.7	0.4
394	2/28/2016 17:16:06	12.78	45.60	29.51	8.46	8.06	5.4	2.880	96.1	1.5	0.4
395	2/28/2016 17:31:06	12.76	45.57	29.49	8.51	8.06	5.9	2.838	96.6	2.0	0.5
396	2/28/2016 17:46:06	12.74	45.57	29.49	8.50	8.06	6.6	2.754	96.5	2.6	0.6
397	2/28/2016 18:01:06	12.83	45.20	29.22	8.56	8.06	8.3	2.673	97.1	2.3	0.6
398	2/28/2016 18:16:06	12.82	45.18	29.21	8.58	8.07	8.1	2.628	97.3	2.8	0.7
399	2/28/2016 18:31:06	12.84	44.88	29.00	8.71	8.08	7.3	2.571	98.7	2.9	0.7
400	2/28/2016 18:46:06	12.85	44.55	28.76	8.86	8.09	7.0	2.500	100.3	2.6	0.6
401	2/28/2016 19:01:06	12.85	44.33	28.60	8.92	8.09	5.9	2.458	100.9	2.6	0.6
402	2/28/2016 19:16:06	12.85	44.34	28.61	8.93	8.10	5.2	2.387	101.0	3.3	0.8
403	2/28/2016 19:31:06	12.79	44.43	28.67	8.87	8.09	6.6	2.350	100.2	2.8	0.7
404	2/28/2016 19:46:06	12.81	44.34	28.61	8.88	8.09	5.6	2.314	100.4	2.7	0.7
405	2/28/2016 20:01:06	12.85	44.25	28.54	9.00	8.10	5.0	2.274	101.7	2.7	0.6
406	2/28/2016 20:16:06	12.84	44.25	28.54	8.98	8.10	4.9	2.238	101.5	3.2	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	Fluorescence %FS
407	2/28/2016 20:31:06	12.88	44.19	28.50	8.88	8.10	5.0	2.229	100.5	3.1	0.7
408	2/28/2016 20:46:06	12.86	44.21	28.51	8.91	8.10	4.5	2.206	100.7	3.6	0.8
409	2/28/2016 21:01:06	12.85	44.28	28.57	8.82	8.09	4.7	2.195	99.7	2.6	0.6
410	2/28/2016 21:16:06	12.83	44.20	28.51	8.89	8.09	5.1	2.196	100.5	3.1	0.7
411	2/28/2016 21:31:06	12.80	44.17	28.49	9.00	8.10	5.0	2.207	101.6	2.7	0.6
412	2/28/2016 21:46:06	12.79	44.23	28.53	8.91	8.09	5.0	2.273	100.5	2.3	0.5
413	2/28/2016 22:01:06	12.81	44.43	28.67	8.80	8.08	4.7	2.287	99.5	2.4	0.6
414	2/28/2016 22:16:06	12.76	44.15	28.47	8.81	8.08	5.2	2.322	99.4	2.3	0.5
415	2/28/2016 22:31:06	12.80	44.37	28.63	8.75	8.07	5.0	2.402	98.8	2.8	0.7
416	2/28/2016 22:46:06	12.82	44.50	28.72	8.71	8.07	5.0	2.426	98.5	2.3	0.5
417	2/28/2016 23:01:06	12.83	44.60	28.79	8.70	8.07	4.6	2.477	98.4	2.8	0.7
418	2/28/2016 23:16:06	12.86	44.73	28.89	8.67	8.07	5.1	2.558	98.2	2.5	0.6
419	2/28/2016 23:31:06	12.84	45.01	29.09	8.62	8.06	4.7	2.598	97.8	2.9	0.7
420	2/28/2016 23:46:06	12.82	44.88	28.99	8.63	8.06	4.5	2.645	97.8	2.8	0.7
421	2/29/2016 00:01:06	12.77	45.07	29.13	8.59	8.06	4.0	2.705	97.3	2.3	0.5
422	2/29/2016 00:16:06	12.71	45.26	29.26	8.49	8.06	3.9	2.788	96.1	2.1	0.5
423	2/29/2016 00:31:06	12.65	45.47	29.41	8.53	8.06	3.8	2.805	96.5	2.2	0.5
424	2/29/2016 00:46:06	12.53	45.50	29.43	8.49	8.06	4.1	2.894	95.9	1.7	0.4
425	2/29/2016 01:01:06	12.50	45.79	29.63	8.49	8.06	3.4	2.936	95.9	1.9	0.4
426	2/29/2016 01:16:06	12.52	46.26	29.97	8.48	8.07	4.1	3.010	96.0	1.9	0.5
427	2/29/2016 01:31:06	12.50	46.47	30.12	8.49	8.07	4.2	3.090	96.2	1.1	0.3
428	2/29/2016 01:46:06	12.45	46.55	30.18	8.57	8.07	4.8	3.159	97.0	2.7	0.6
429	2/29/2016 02:01:06	12.42	46.69	30.28	8.58	8.08	4.8	3.216	97.1	2.3	0.5
430	2/29/2016 02:16:06	12.38	46.76	30.33	8.54	8.08	4.8	3.284	96.7	2.1	0.5
431	2/29/2016 02:31:06	12.35	46.86	30.40	8.60	8.08	5.2	3.327	97.3	2.1	0.5
432	2/29/2016 02:46:06	12.29	47.04	30.53	8.62	8.08	4.8	3.369	97.5	2.2	0.5
433	2/29/2016 03:01:06	12.26	47.09	30.56	8.58	8.09	5.0	3.432	97.0	2.1	0.5
434	2/29/2016 03:16:06	12.24	47.17	30.62	8.57	8.09	5.2	3.471	96.9	2.8	0.7
435	2/29/2016 03:31:05	12.19	47.27	30.68	8.65	8.09	4.8	3.514	97.7	2.2	0.5
436	2/29/2016 03:46:06	12.20	47.31	30.72	8.61	8.09	4.1	3.482	97.4	2.2	0.5
437	2/29/2016 04:01:06	12.20	47.27	30.69	8.51	8.08	5.0	3.492	96.2	2.1	0.5
438	2/29/2016 04:16:06	12.21	47.15	30.61	8.55	8.08	3.8	3.488	96.6	1.6	0.4
439	2/29/2016 04:31:06	11.99	46.00	29.76	8.45	8.06	4.6	3.461	94.5	1.8	0.4
440	2/29/2016 04:46:06	12.19	46.35	30.03	8.45	8.07	5.1	3.380	95.1	2.6	0.6
441	2/29/2016 05:01:06	12.18	46.10	29.84	8.44	8.06	5.0	3.313	94.9	2.0	0.5
442	2/29/2016 05:16:06	12.16	46.01	29.78	8.40	8.06	5.1	3.250	94.3	1.8	0.4
443	2/29/2016 05:31:06	12.16	45.95	29.74	8.44	8.06	5.1	3.164	94.7	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
444	2/29/2016 05:46:06	12.20	45.86	29.68	8.43	8.06	6.4	3.101	94.6	3.0	0.7
445	2/29/2016 06:01:06	12.21	45.60	29.49	8.50	8.06	6.8	3.020	95.3	2.1	0.5
446	2/29/2016 06:16:06	12.22	45.45	29.38	8.45	8.06	5.6	2.951	94.7	2.0	0.5
447	2/29/2016 06:31:06	12.04	45.18	29.18	8.46	8.05	5.4	2.890	94.4	2.2	0.5
448	2/29/2016 06:46:06	11.96	45.17	29.17	8.44	8.05	5.5	2.798	94.0	2.6	0.6
449	2/29/2016 07:01:06	11.96	45.23	29.21	8.42	8.04	5.7	2.713	93.8	1.7	0.4
450	2/29/2016 07:16:06	12.01	45.09	29.11	8.43	8.04	5.4	2.640	93.9	2.3	0.6
451	2/29/2016 07:31:06	12.12	44.63	28.79	8.42	8.05	4.8	2.575	93.9	2.4	0.6
452	2/29/2016 07:46:06	11.98	44.76	28.88	8.45	8.05	4.8	2.485	93.9	2.3	0.5
453	2/29/2016 08:01:06	11.96	44.65	28.80	8.49	8.05	5.0	2.436	94.3	2.0	0.5
454	2/29/2016 08:16:06	11.97	44.49	28.68	8.47	8.05	4.8	2.325	94.1	1.9	0.5
455	2/29/2016 08:31:06	12.00	44.18	28.46	8.51	8.05	4.7	2.289	94.5	2.1	0.5
456	2/29/2016 08:46:06	11.98	44.37	28.60	8.54	8.05	4.8	2.207	94.8	2.1	0.5
457	2/29/2016 09:01:06	12.03	44.40	28.62	8.54	8.06	4.7	2.118	94.9	2.6	0.6
458	2/29/2016 09:16:06	12.10	44.24	28.51	8.59	8.06	4.5	2.083	95.5	2.3	0.6
459	2/29/2016 09:31:06	12.15	44.11	28.42	8.60	8.06	4.1	2.049	95.8	2.3	0.5
460	2/29/2016 09:46:06	12.19	44.10	28.42	8.62	8.07	4.1	2.027	96.0	2.3	0.5
461	2/29/2016 10:01:06	12.22	44.02	28.36	8.63	8.07	3.8	1.988	96.2	2.7	0.6
462	2/29/2016 10:16:05	12.20	44.07	28.40	8.70	8.06	4.9	1.999	96.9	3.3	0.8
463	2/29/2016 10:31:06	12.15	44.14	28.44	8.64	8.06	4.4	1.997	96.2	2.7	0.6
464	2/29/2016 10:46:06	12.14	44.17	28.46	8.64	8.06	4.1	2.002	96.2	2.6	0.6
465	2/29/2016 11:01:06	12.13	44.16	28.45	8.61	8.05	4.3	2.047	95.8	2.2	0.5
466	2/29/2016 11:16:06	12.13	44.13	28.43	8.53	8.05	4.5	2.091	94.9	2.4	0.6
467	2/29/2016 11:31:06	12.25	43.91	28.28	8.56	8.05	4.2	2.142	95.4	2.3	0.5
468	2/29/2016 11:46:06	12.20	44.07	28.40	8.51	8.05	4.1	2.180	94.8	2.2	0.5
469	2/29/2016 12:01:06	12.18	44.15	28.45	8.47	8.04	3.9	2.222	94.4	2.5	0.6
470	2/29/2016 12:16:06	12.16	44.21	28.49	8.44	8.04	4.2	2.279	94.0	2.3	0.5
471	2/29/2016 12:31:06	12.17	44.20	28.48	8.49	8.04	4.5	2.308	94.5	2.0	0.5
472	2/29/2016 12:46:06	12.21	44.25	28.52	8.47	8.04	4.5	2.373	94.4	1.4	0.3
473	2/29/2016 13:01:06	12.22	44.41	28.63	8.50	8.04	4.1	2.410	94.8	1.5	0.3
474	2/29/2016 13:16:06	12.23	44.67	28.82	8.43	8.04	4.0	2.445	94.2	1.9	0.4
475	2/29/2016 13:31:06	12.25	44.94	29.02	8.45	8.04	4.0	2.498	94.5	1.8	0.4
476	2/29/2016 13:46:06	12.27	45.22	29.22	8.45	8.05	4.0	2.582	94.8	2.1	0.5
477	2/29/2016 14:01:06	12.30	45.32	29.29	8.46	8.05	3.8	2.608	95.0	1.6	0.4
478	2/29/2016 14:16:06	12.31	45.56	29.46	8.46	8.05	3.6	2.666	95.1	1.8	0.4
479	2/29/2016 14:31:06	12.33	45.50	29.42	8.41	8.05	3.6	2.707	94.5	2.2	0.5
480	2/29/2016 14:46:06	12.35	45.57	29.47	8.46	8.05	3.5	2.755	95.2	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 meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
481	2/29/2016 15:01:06	12.34	45.55	29.46	8.48	8.05	3.4	2.791	95.4	1.9	0.4
482	2/29/2016 15:16:07	12.31	45.74	29.59	8.40	8.05	3.7	2.835	94.5	1.7	0.4
483	2/29/2016 15:31:07	12.30	45.82	29.65	8.39	8.05	3.7	2.868	94.4	2.1	0.5
484	2/29/2016 15:46:07	12.28	45.93	29.73	8.38	8.05	3.7	2.909	94.3	1.7	0.4
485	2/29/2016 16:01:05	12.28	45.97	29.76	8.44	8.05	3.9	2.924	95.0	1.9	0.4
486	2/29/2016 16:16:06	12.28	45.90	29.71	8.41	8.06	3.8	2.946	94.7	2.1	0.5
487	2/29/2016 16:31:06	12.28	46.02	29.79	8.27	8.05	2.9	2.964	93.1	1.9	0.5
488	2/29/2016 16:46:06	12.29	45.94	29.74	8.25	8.05	3.1	2.985	92.8	2.4	0.6
489	2/29/2016 17:01:06	12.29	45.93	29.73	8.34	8.05	3.4	2.972	93.9	1.7	0.4
490	2/29/2016 17:16:06	12.31	45.88	29.69	8.34	8.05	3.5	2.969	93.9	2.3	0.5
491	2/29/2016 17:31:06	12.31	45.78	29.62	8.32	8.05	3.2	2.953	93.6	1.3	0.3
492	2/29/2016 17:46:06	12.35	45.53	29.45	8.39	8.05	4.6	2.890	94.4	2.2	0.5
493	2/29/2016 18:01:06	12.40	45.35	29.32	8.45	8.05	3.9	2.822	95.1	2.5	0.6
494	2/29/2016 18:16:06	12.58	44.98	29.06	8.59	8.07	4.8	2.772	96.9	2.7	0.6
495	2/29/2016 18:31:06	12.82	44.95	29.04	8.79	8.09	5.6	2.742	99.6	2.8	0.7
496	2/29/2016 18:46:06	12.78	44.86	28.98	8.78	8.09	5.4	2.687	99.4	3.0	0.7
497	2/29/2016 19:01:06	12.59	44.98	29.06	8.64	8.07	5.5	2.620	97.4	2.8	0.7
498	2/29/2016 19:16:06	12.64	44.74	28.88	8.67	8.08	4.6	2.573	97.8	2.4	0.6
499	2/29/2016 19:31:06	12.54	44.68	28.84	8.64	8.07	4.5	2.549	97.2	3.0	0.7
500	2/29/2016 19:46:06	12.38	44.55	28.74	8.59	8.06	3.9	2.520	96.3	3.5	0.8
501	2/29/2016 20:01:06	12.43	44.53	28.73	8.55	8.07	4.1	2.456	95.9	2.8	0.7
502	2/29/2016 20:16:06	12.35	44.45	28.67	8.55	8.06	3.7	2.430	95.7	2.9	0.7
503	2/29/2016 20:31:06	12.36	44.55	28.74	8.46	8.06	4.1	2.423	94.8	3.1	0.7
504	2/29/2016 20:46:06	12.36	44.45	28.67	8.43	8.06	3.2	2.388	94.4	2.7	0.6
505	2/29/2016 21:01:06	12.35	44.39	28.63	8.47	8.06	3.9	2.346	94.8	2.6	0.6
506	2/29/2016 21:16:06	12.39	44.76	28.89	8.33	8.04	3.7	2.358	93.4	2.7	0.6
507	2/29/2016 21:31:06	12.32	44.24	28.52	8.49	8.06	4.1	2.371	94.9	3.0	0.7
508	2/29/2016 21:46:06	12.29	44.23	28.51	8.55	8.06	3.8	2.349	95.5	2.8	0.7
509	2/29/2016 22:01:07	12.27	44.22	28.50	8.57	8.06	4.2	2.366	95.6	3.1	0.7
510	2/29/2016 22:16:06	12.34	44.43	28.65	8.49	8.05	4.3	2.388	95.0	2.4	0.6
511	2/29/2016 22:31:06	12.41	44.88	28.98	8.46	8.05	4.0	2.392	95.0	1.9	0.5
512	2/29/2016 22:46:06	12.40	44.75	28.88	8.47	8.05	4.1	2.412	95.0	2.5	0.6
513	2/29/2016 23:01:06	12.42	44.80	28.92	8.45	8.05	4.2	2.459	94.9	2.7	0.6
514	2/29/2016 23:16:06	12.39	44.63	28.80	8.51	8.05	3.9	2.485	95.4	2.4	0.6
515	2/29/2016 23:31:06	12.41	44.70	28.85	8.53	8.05	3.7	2.523	95.7	2.6	0.6
516	2/29/2016 23:46:06	12.40	44.94	29.03	8.50	8.05	4.1	2.572	95.5	2.0	0.5
517	3/1/2016 00:01:06	12.43	45.00	29.07	8.55	8.05	3.9	2.597	96.1	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
518	3/1/2016 00:16:06	12.41	45.20	29.21	8.52	8.05	3.8	2.651	95.8	2.4	0.6
519	3/1/2016 00:31:06	12.39	45.28	29.26	8.53	8.05	3.7	2.719	95.9	2.3	0.5
520	3/1/2016 00:46:06	12.34	45.46	29.39	8.46	8.05	3.8	2.766	95.1	2.2	0.5
521	3/1/2016 01:01:06	12.30	45.68	29.55	8.50	8.05	3.7	2.831	95.5	2.6	0.6
522	3/1/2016 01:16:06	12.25	45.90	29.70	8.44	8.06	3.7	2.899	94.9	2.2	0.5
523	3/1/2016 01:31:06	12.17	45.89	29.69	8.44	8.06	3.5	2.951	94.8	2.2	0.5
524	3/1/2016 01:46:06	12.18	46.18	29.91	8.49	8.06	3.4	3.012	95.5	2.5	0.6
525	3/1/2016 02:01:06	12.10	46.25	29.95	8.48	8.06	3.2	3.073	95.2	2.5	0.6
526	3/1/2016 02:16:06	12.06	46.30	29.98	8.48	8.06	3.3	3.143	95.2	1.9	0.4
527	3/1/2016 02:31:06	12.04	46.43	30.08	8.55	8.07	3.4	3.194	96.0	2.0	0.5
528	3/1/2016 02:46:06	12.02	46.54	30.16	8.57	8.07	3.6	3.246	96.2	2.3	0.5
529	3/1/2016 03:01:06	12.01	46.61	30.21	8.60	8.07	3.7	3.277	96.5	2.2	0.5
530	3/1/2016 03:16:06	12.02	46.78	30.32	8.59	8.08	3.7	3.359	96.5	1.8	0.4
531	3/1/2016 03:31:06	12.10	47.41	30.79	8.59	8.09	4.1	3.387	96.9	2.2	0.5
532	3/1/2016 03:46:06	12.08	47.51	30.86	8.67	8.09	4.2	3.415	97.8	2.2	0.5
533	3/1/2016 04:01:06	12.07	47.54	30.88	8.61	8.09	4.1	3.469	97.2	2.0	0.5
534	3/1/2016 04:16:06	12.06	47.63	30.94	8.61	8.09	3.6	3.464	97.1	1.7	0.4
535	3/1/2016 04:31:06	12.06	47.56	30.89	8.56	8.09	3.2	3.484	96.6	1.9	0.5
536	3/1/2016 04:46:06	12.06	47.58	30.90	8.51	8.09	3.5	3.448	96.0	2.0	0.5
537	3/1/2016 05:01:06	12.07	47.58	30.91	8.55	8.08	4.1	3.442	96.5	1.3	0.3
538	3/1/2016 05:16:06	11.95	46.60	30.20	8.45	8.07	3.7	3.418	94.7	1.5	0.3
539	3/1/2016 05:31:06	11.82	46.25	29.94	8.48	8.06	3.7	3.353	94.6	2.0	0.5
540	3/1/2016 05:46:07	11.83	45.99	29.75	8.44	8.05	4.6	3.321	94.1	1.9	0.5
541	3/1/2016 06:01:06	11.92	45.65	29.51	8.31	8.04	4.6	3.254	92.6	2.1	0.5
542	3/1/2016 06:16:06	11.88	45.88	29.68	8.37	8.05	4.6	3.188	93.4	2.1	0.5
543	3/1/2016 06:31:06	11.95	46.05	29.80	8.40	8.06	5.0	3.121	93.9	2.0	0.5
544	3/1/2016 06:46:06	11.81	45.51	29.41	8.45	8.05	4.6	3.049	94.0	2.0	0.5
545	3/1/2016 07:01:06	11.83	45.47	29.38	8.37	8.04	4.5	2.979	93.0	2.3	0.5
546	3/1/2016 07:16:07	11.88	45.60	29.47	8.38	8.04	4.1	2.899	93.4	2.3	0.6
547	3/1/2016 07:31:06	11.89	45.55	29.44	8.34	8.04	3.9	2.829	92.9	1.4	0.3
548	3/1/2016 07:46:06	11.80	45.39	29.32	8.39	8.04	4.1	2.763	93.2	2.0	0.5
549	3/1/2016 08:01:06	11.83	45.44	29.36	8.40	8.04	4.2	2.695	93.4	2.0	0.5
550	3/1/2016 08:16:06	11.89	45.39	29.33	8.41	8.04	4.2	2.622	93.6	1.7	0.4
551	3/1/2016 08:31:06	11.92	45.25	29.23	8.39	8.04	4.5	2.526	93.4	2.2	0.5
552	3/1/2016 08:46:05	11.93	45.00	29.05	8.49	8.04	4.3	2.464	94.4	2.4	0.6
553	3/1/2016 09:01:06	11.94	44.97	29.02	8.52	8.05	4.8	2.412	94.7	2.7	0.6
554	3/1/2016 09:16:06	11.95	44.71	28.84	8.48	8.05	4.6	2.330	94.3	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
555	3/1/2016 09:31:06	11.97	44.84	28.94	8.51	8.05	6.3	2.255	94.7	2.1	0.5
556	3/1/2016 09:46:06	12.00	44.78	28.89	8.61	8.06	6.2	2.207	95.8	2.5	0.6
557	3/1/2016 10:01:06	12.02	44.47	28.67	8.63	8.06	5.6	2.149	95.9	2.5	0.6
558	3/1/2016 10:16:06	12.04	44.57	28.75	8.64	8.06	6.6	2.065	96.1	2.7	0.6
559	3/1/2016 10:31:06	12.05	44.54	28.72	8.58	8.06	6.5	2.028	95.4	2.5	0.6
560	3/1/2016 10:46:06	12.05	44.35	28.59	8.57	8.06	5.3	2.001	95.3	2.7	0.6
561	3/1/2016 11:01:06	12.05	44.29	28.54	8.54	8.06	4.7	2.001	94.9	2.9	0.7
562	3/1/2016 11:16:06	12.07	44.25	28.52	8.52	8.06	4.0	1.952	94.7	2.9	0.7
563	3/1/2016 11:31:06	12.07	44.28	28.54	8.56	8.06	5.1	1.948	95.2	2.8	0.7
564	3/1/2016 11:46:06	12.05	44.32	28.56	8.60	8.05	5.1	1.994	95.6	2.4	0.6
565	3/1/2016 12:01:06	12.04	44.42	28.64	8.47	8.05	4.3	2.007	94.2	2.2	0.5
566	3/1/2016 12:16:06	12.05	44.41	28.63	8.54	8.05	5.5	2.015	94.9	2.4	0.6
567	3/1/2016 12:31:06	12.07	44.20	28.48	8.58	8.05	5.1	2.045	95.4	2.3	0.5
568	3/1/2016 12:46:06	12.06	44.35	28.58	8.57	8.05	4.5	2.089	95.2	2.3	0.5
569	3/1/2016 13:01:06	12.00	44.38	28.61	8.51	8.04	4.8	2.156	94.5	2.5	0.6
570	3/1/2016 13:16:06	12.00	44.48	28.68	8.40	8.04	4.1	2.184	93.3	2.1	0.5
571	3/1/2016 13:31:06	11.99	44.53	28.71	8.45	8.04	3.9	2.243	93.9	1.6	0.4
572	3/1/2016 13:46:06	11.99	44.57	28.74	8.39	8.04	4.1	2.291	93.3	2.1	0.5
573	3/1/2016 14:01:06	11.99	44.70	28.83	8.41	8.03	4.3	2.349	93.6	1.7	0.4
574	3/1/2016 14:16:06	12.00	44.72	28.85	8.38	8.04	3.9	2.398	93.2	2.4	0.6
575	3/1/2016 14:31:05	11.99	45.04	29.08	8.38	8.03	4.0	2.438	93.4	2.1	0.5
576	3/1/2016 14:46:06	12.01	45.31	29.27	8.41	8.04	3.7	2.507	93.8	1.8	0.4
577	3/1/2016 15:01:06	12.04	45.41	29.35	8.44	8.04	3.7	2.538	94.3	2.5	0.6
578	3/1/2016 15:16:06	12.08	45.55	29.44	8.42	8.04	3.6	2.596	94.2	1.9	0.4
579	3/1/2016 15:31:06	12.13	45.55	29.45	8.49	8.05	3.4	2.642	95.0	2.5	0.6
580	3/1/2016 15:46:06	12.13	45.70	29.56	8.44	8.05	3.2	2.687	94.5	2.3	0.5
581	3/1/2016 16:01:06	12.12	45.81	29.64	8.41	8.05	3.1	2.737	94.3	2.2	0.5
582	3/1/2016 16:16:06	12.12	45.85	29.66	8.46	8.05	3.1	2.791	94.8	2.4	0.6
583	3/1/2016 16:31:06	12.09	45.83	29.65	8.46	8.05	3.4	2.828	94.7	2.0	0.5
584	3/1/2016 16:46:06	12.09	45.83	29.65	8.39	8.05	3.5	2.853	94.0	2.4	0.6
585	3/1/2016 17:01:06	12.09	45.91	29.71	8.39	8.05	3.4	2.898	94.0	2.3	0.5
586	3/1/2016 17:16:06	12.09	45.95	29.74	8.39	8.05	3.5	2.943	94.1	1.7	0.4
587	3/1/2016 17:31:06	12.09	46.03	29.79	8.32	8.05	3.1	2.938	93.2	2.1	0.5
588	3/1/2016 17:46:06	12.10	45.99	29.77	8.33	8.05	2.5	2.932	93.4	1.9	0.4
589	3/1/2016 18:01:07	12.11	46.05	29.80	8.35	8.04	2.9	2.946	93.7	2.2	0.5
590	3/1/2016 18:16:06	12.11	45.93	29.72	8.37	8.05	3.0	2.948	93.8	1.9	0.5
591	3/1/2016 18:31:06	12.12	45.95	29.73	8.37	8.04	3.1	2.923	93.8	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
592	3/1/2016 18:46:06	12.12	45.88	29.68	8.37	8.04	2.8	2.913	93.8	1.9	0.5
593	3/1/2016 19:01:06	12.10	45.82	29.64	8.40	8.05	3.7	2.864	94.1	2.4	0.6
594	3/1/2016 19:16:06	12.18	45.61	29.50	8.43	8.05	3.7	2.837	94.6	2.6	0.6
595	3/1/2016 19:31:06	12.22	45.48	29.40	8.45	8.05	3.4	2.805	94.8	2.2	0.5
596	3/1/2016 19:46:06	12.24	45.40	29.35	8.39	8.05	3.7	2.755	94.1	2.3	0.5
597	3/1/2016 20:01:06	12.41	45.17	29.19	8.48	8.06	5.2	2.707	95.3	2.7	0.6
598	3/1/2016 20:16:06	12.48	45.02	29.08	8.46	8.06	5.2	2.672	95.2	2.8	0.7
599	3/1/2016 20:31:06	12.42	45.09	29.13	8.49	8.06	4.9	2.647	95.4	2.6	0.6
600	3/1/2016 20:46:06	12.35	44.97	29.04	8.47	8.06	4.7	2.588	95.1	2.6	0.6
601	3/1/2016 21:01:06	12.33	44.98	29.05	8.47	8.06	4.6	2.558	94.9	2.1	0.5
602	3/1/2016 21:16:06	12.30	45.07	29.11	8.40	8.05	4.6	2.536	94.2	2.7	0.6
603	3/1/2016 21:31:06	12.23	44.83	28.94	8.43	8.05	3.7	2.537	94.3	2.7	0.6
604	3/1/2016 21:46:06	12.21	44.78	28.90	8.43	8.05	3.3	2.503	94.2	2.8	0.7
605	3/1/2016 22:01:06	12.21	44.75	28.88	8.47	8.05	3.4	2.493	94.6	3.1	0.7
606	3/1/2016 22:16:06	12.24	44.94	29.01	8.37	8.04	4.1	2.513	93.7	2.5	0.6
607	3/1/2016 22:31:06	12.20	44.75	28.88	8.49	8.05	4.6	2.504	94.9	2.3	0.6
608	3/1/2016 22:46:06	12.21	44.84	28.94	8.49	8.05	4.8	2.510	94.9	2.9	0.7
609	3/1/2016 23:01:06	12.19	44.86	28.96	8.48	8.05	4.5	2.504	94.8	2.7	0.7
610	3/1/2016 23:16:06	12.27	45.10	29.13	8.39	8.04	4.5	2.543	94.1	3.0	0.7
611	3/1/2016 23:31:06	12.23	45.21	29.21	8.40	8.04	3.9	2.561	94.1	2.5	0.6
612	3/1/2016 23:46:06	12.23	45.21	29.21	8.34	8.04	4.3	2.581	93.5	2.4	0.6
613	3/2/2016 00:01:06	12.17	45.10	29.13	8.36	8.04	4.0	2.602	93.5	2.6	0.6
614	3/2/2016 00:16:06	12.18	45.06	29.10	8.39	8.04	3.7	2.635	93.9	2.8	0.7
615	3/2/2016 00:31:06	12.13	44.97	29.04	8.52	8.05	3.7	2.661	95.2	2.1	0.5
616	3/2/2016 00:46:06	12.20	45.39	29.34	8.36	8.04	3.4	2.710	93.7	2.2	0.5
617	3/2/2016 01:01:06	12.17	45.53	29.44	8.36	8.04	3.3	2.732	93.6	2.1	0.5
618	3/2/2016 01:16:06	12.14	45.64	29.51	8.35	8.04	3.4	2.779	93.5	2.2	0.5
619	3/2/2016 01:31:06	12.13	45.67	29.54	8.39	8.05	3.1	2.818	94.0	1.9	0.5
620	3/2/2016 01:46:06	12.11	45.79	29.62	8.40	8.05	3.2	2.863	94.1	2.1	0.5
621	3/2/2016 02:01:06	12.06	45.99	29.76	8.40	8.05	3.3	2.908	94.1	2.5	0.6
622	3/2/2016 02:16:06	12.06	46.06	29.81	8.46	8.05	3.2	2.966	94.8	1.7	0.4
623	3/2/2016 02:31:05	12.02	46.30	29.98	8.49	8.05	3.2	3.019	95.2	1.7	0.4
624	3/2/2016 02:46:06	11.95	46.38	30.04	8.51	8.06	3.4	3.070	95.3	2.2	0.5
625	3/2/2016 03:01:05	11.94	46.45	30.09	8.53	8.06	3.0	3.133	95.5	2.3	0.5
626	3/2/2016 03:16:06	11.96	46.73	30.29	8.53	8.06	3.3	3.204	95.6	2.4	0.6
627	3/2/2016 03:31:06	11.92	46.74	30.29	8.54	8.07	3.1	3.238	95.7	2.6	0.6
628	3/2/2016 03:46:06	11.86	46.64	30.22	8.50	8.07	3.5	3.312	95.1	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
629	3/2/2016 04:01:06	11.90	46.90	30.41	8.52	8.07	3.7	3.344	95.5	1.9	0.5
630	3/2/2016 04:16:06	11.92	47.05	30.52	8.57	8.08	3.7	3.386	96.2	1.9	0.4
631	3/2/2016 04:31:06	11.91	47.23	30.65	8.52	8.08	3.8	3.420	95.6	2.1	0.5
632	3/2/2016 04:46:07	11.94	47.31	30.71	8.59	8.08	3.8	3.462	96.5	1.6	0.4
633	3/2/2016 05:01:06	11.95	47.35	30.73	8.57	8.08	3.6	3.472	96.3	2.6	0.6
634	3/2/2016 05:16:06	11.91	47.32	30.71	8.51	8.08	2.8	3.483	95.6	1.7	0.4
635	3/2/2016 05:31:06	11.99	47.43	30.79	8.51	8.08	3.7	3.478	95.8	2.2	0.5
636	3/2/2016 05:46:06	11.99	47.38	30.76	8.48	8.08	3.3	3.478	95.4	1.7	0.4
637	3/2/2016 06:01:06	11.67	45.96	29.72	8.41	8.04	4.2	3.431	93.4	1.7	0.4
638	3/2/2016 06:16:07	11.81	46.63	30.21	8.46	8.06	3.6	3.436	94.5	2.1	0.5
639	3/2/2016 06:31:06	11.77	46.51	30.13	8.42	8.06	3.7	3.365	94.0	2.2	0.5
640	3/2/2016 06:46:06	11.75	46.15	29.86	8.41	8.05	3.7	3.274	93.7	1.7	0.4
641	3/2/2016 07:01:06	11.84	46.34	30.00	8.36	8.05	4.0	3.242	93.3	2.0	0.5
642	3/2/2016 07:16:06	11.85	46.30	29.98	8.47	8.05	3.7	3.196	94.5	2.3	0.5
643	3/2/2016 07:31:06	11.84	46.24	29.93	8.47	8.06	4.6	3.126	94.6	2.4	0.6
644	3/2/2016 07:46:06	11.84	45.89	29.68	8.46	8.05	4.0	3.069	94.3	1.7	0.4
645	3/2/2016 08:01:06	11.83	45.79	29.61	8.40	8.05	4.1	2.973	93.5	1.8	0.4
646	3/2/2016 08:16:06	11.88	45.64	29.50	8.40	8.04	3.9	2.922	93.6	1.7	0.4
647	3/2/2016 08:31:05	11.89	45.60	29.47	8.31	8.04	3.4	2.861	92.6	2.1	0.5
648	3/2/2016 08:46:06	11.89	45.31	29.27	8.35	8.03	3.4	2.777	92.9	1.8	0.4
649	3/2/2016 09:01:06	11.91	45.25	29.23	8.34	8.03	3.2	2.705	92.8	1.8	0.4
650	3/2/2016 09:16:06	11.94	45.01	29.05	8.44	8.04	3.4	2.636	93.8	2.2	0.5
651	3/2/2016 09:31:06	12.00	44.88	28.97	8.50	8.04	3.5	2.546	94.6	2.6	0.6
652	3/2/2016 09:46:05	12.07	44.94	29.01	8.57	8.04	3.6	2.498	95.6	2.3	0.5
653	3/2/2016 10:01:06	12.18	44.89	28.98	8.59	8.05	4.0	2.400	96.0	2.6	0.6
654	3/2/2016 10:16:06	12.30	45.04	29.09	8.66	8.05	4.1	2.334	97.0	2.2	0.5
655	3/2/2016 10:31:06	12.36	44.89	28.98	8.65	8.05	4.4	2.275	97.0	2.5	0.6
656	3/2/2016 10:46:06	12.40	44.72	28.86	8.69	8.06	4.8	2.199	97.5	2.6	0.6
657	3/2/2016 11:01:06	12.47	44.62	28.80	8.67	8.06	4.9	2.139	97.3	2.5	0.6
658	3/2/2016 11:16:06	12.56	44.56	28.76	8.76	8.06	5.0	2.066	98.5	2.4	0.6
659	3/2/2016 11:31:06	12.67	44.51	28.73	8.77	8.07	5.1	2.021	98.9	2.2	0.5
660	3/2/2016 11:46:06	12.69	44.42	28.66	8.80	8.07	4.8	1.945	99.2	2.9	0.7
661	3/2/2016 12:01:06	12.68	44.32	28.59	8.80	8.07	4.8	1.934	99.2	2.7	0.6
662	3/2/2016 12:16:06	12.31	44.65	28.81	8.51	8.04	3.5	1.935	95.3	2.9	0.7
663	3/2/2016 12:31:06	12.77	44.32	28.59	8.83	8.07	5.0	1.940	99.6	3.0	0.7
664	3/2/2016 12:46:06	12.75	44.32	28.59	8.81	8.07	4.5	1.941	99.4	3.2	0.8
665	3/2/2016 13:01:06	12.61	44.42	28.66	8.74	8.06	4.1	1.961	98.3	2.7	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	Fluorescence %FS
666	3/2/2016 13:16:06	12.44	44.57	28.76	8.60	8.05	4.2	2.004	96.5	2.7	0.6
667	3/2/2016 13:31:06	12.69	44.00	28.36	8.67	8.05	6.3	2.028	97.5	2.7	0.6
668	3/2/2016 13:46:06	12.59	44.04	28.39	8.63	8.05	5.2	2.057	97.0	3.2	0.8
669	3/2/2016 14:01:06	12.51	43.75	28.17	8.63	8.04	5.2	2.101	96.6	2.8	0.7
670	3/2/2016 14:16:06	12.52	43.97	28.33	8.59	8.04	4.9	2.152	96.2	2.5	0.6
671	3/2/2016 14:31:07	12.44	44.30	28.57	8.60	8.04	4.2	2.202	96.4	2.4	0.6
672	3/2/2016 14:46:06	12.36	44.46	28.68	8.51	8.04	3.9	2.269	95.3	2.5	0.6
673	3/2/2016 15:01:06	12.35	44.65	28.81	8.49	8.04	4.3	2.310	95.1	2.5	0.6
674	3/2/2016 15:16:06	12.25	44.87	28.96	8.50	8.04	3.9	2.364	95.1	2.0	0.5
675	3/2/2016 15:31:06	12.24	45.28	29.26	8.47	8.04	3.7	2.417	94.9	1.6	0.4
676	3/2/2016 15:46:06	12.26	45.39	29.34	8.47	8.04	3.7	2.465	95.0	1.9	0.5
677	3/2/2016 16:01:07	12.28	45.49	29.41	8.52	8.04	3.4	2.517	95.7	2.0	0.5
678	3/2/2016 16:16:06	12.27	45.48	29.40	8.53	8.04	3.6	2.574	95.7	2.2	0.5
679	3/2/2016 16:31:06	12.25	45.54	29.45	8.52	8.04	3.6	2.612	95.6	2.5	0.6
680	3/2/2016 16:46:06	12.25	45.61	29.50	8.45	8.04	3.7	2.659	94.9	2.3	0.6
681	3/2/2016 17:01:06	12.23	45.63	29.51	8.44	8.04	3.8	2.724	94.8	2.5	0.6
682	3/2/2016 17:16:06	12.20	45.71	29.57	8.50	8.04	3.7	2.764	95.3	2.3	0.5
683	3/2/2016 17:31:06	12.20	45.73	29.58	8.51	8.04	3.9	2.815	95.5	2.4	0.6
684	3/2/2016 17:46:06	12.19	45.80	29.63	8.52	8.05	4.0	2.854	95.6	2.2	0.5
685	3/2/2016 18:01:06	12.16	46.01	29.78	8.45	8.05	4.5	2.901	94.8	2.1	0.5
686	3/2/2016 18:16:06	12.15	45.99	29.77	8.49	8.05	3.9	2.941	95.3	2.4	0.6
687	3/2/2016 18:31:06	12.15	46.12	29.86	8.49	8.05	4.7	2.961	95.3	2.5	0.6
688	3/2/2016 18:46:06	12.19	45.97	29.75	8.39	8.05	3.3	2.973	94.2	2.1	0.5
689	3/2/2016 19:01:06	12.19	46.03	29.80	8.53	8.05	3.1	3.035	95.8	1.9	0.4
690	3/2/2016 19:16:06	12.19	46.07	29.83	8.48	8.05	3.4	3.003	95.2	2.3	0.6
691	3/2/2016 19:31:06	12.19	46.00	29.78	8.39	8.05	3.0	3.026	94.2	2.2	0.5
692	3/2/2016 19:46:06	12.19	46.04	29.80	8.34	8.04	3.4	3.059	93.7	1.9	0.5
693	3/2/2016 20:01:06	12.18	46.04	29.80	8.38	8.05	3.8	3.023	94.2	1.9	0.4
694	3/2/2016 20:16:06	12.17	45.98	29.76	8.33	8.04	3.5	2.999	93.6	1.9	0.5
695	3/2/2016 20:31:06	12.21	45.86	29.67	8.34	8.04	3.4	2.957	93.6	2.2	0.5
696	3/2/2016 20:46:06	12.24	45.74	29.59	8.33	8.04	4.0	2.940	93.6	2.1	0.5
697	3/2/2016 21:01:06	12.34	45.56	29.46	8.41	8.05	4.9	2.897	94.6	1.8	0.4
698	3/2/2016 21:16:07	12.35	45.45	29.38	8.39	8.04	5.0	2.853	94.4	2.3	0.5
699	3/2/2016 21:31:06	12.31	45.38	29.34	8.30	8.03	4.9	2.816	93.2	2.4	0.6
700	3/2/2016 21:46:06	12.32	45.41	29.35	8.35	8.04	4.8	2.783	93.8	2.5	0.6
701	3/2/2016 22:01:06	12.32	45.41	29.35	8.40	8.04	3.8	2.743	94.4	2.5	0.6
702	3/2/2016 22:16:06	12.31	45.46	29.39	8.35	8.03	3.7	2.699	93.8	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
703	3/2/2016 22:31:06	12.34	45.33	29.30	8.36	8.03	3.9	2.694	93.9	2.5	0.6
704	3/2/2016 22:46:06	12.34	45.35	29.31	8.34	8.03	3.2	2.651	93.7	2.2	0.5
705	3/2/2016 23:01:06	12.47	45.10	29.14	8.31	8.03	5.0	2.620	93.5	2.6	0.6
706	3/2/2016 23:16:06	12.47	45.12	29.15	8.21	8.03	3.7	2.636	92.4	2.1	0.5
707	3/2/2016 23:31:06	12.33	45.37	29.33	8.19	8.03	3.5	2.618	92.0	2.0	0.5
708	3/2/2016 23:46:06	12.36	45.33	29.30	8.20	8.03	3.1	2.586	92.1	2.0	0.5
709	3/3/2016 00:01:06	12.30	45.42	29.37	8.23	8.02	3.6	2.615	92.4	2.4	0.6
710	3/3/2016 00:16:06	12.37	45.26	29.25	8.33	8.03	3.8	2.629	93.6	2.3	0.6
711	3/3/2016 00:31:06	12.44	45.02	29.08	8.28	8.03	4.4	2.610	93.1	2.3	0.5
712	3/3/2016 00:46:06	12.37	45.29	29.27	8.34	8.03	4.1	2.647	93.8	2.6	0.6
713	3/3/2016 01:01:06	12.31	45.43	29.37	8.33	8.03	3.6	2.661	93.5	2.3	0.5
714	3/3/2016 01:16:06	12.29	45.41	29.36	8.40	8.03	3.4	2.691	94.3	2.4	0.6
715	3/3/2016 01:31:06	12.37	45.27	29.26	8.34	8.03	3.7	2.728	93.8	2.0	0.5
716	3/3/2016 01:46:06	12.37	45.34	29.31	8.30	8.03	3.9	2.752	93.3	2.4	0.6
717	3/3/2016 02:01:07	12.27	45.55	29.46	8.37	8.03	3.7	2.804	94.0	2.5	0.6
718	3/3/2016 02:16:06	12.26	45.63	29.51	8.36	8.03	3.7	2.859	93.9	2.5	0.6
719	3/3/2016 02:31:06	12.24	45.82	29.65	8.39	8.04	3.6	2.907	94.3	2.4	0.6
720	3/3/2016 02:46:06	12.24	45.81	29.64	8.40	8.04	3.7	2.945	94.4	1.8	0.4
721	3/3/2016 03:01:06	12.24	45.90	29.71	8.40	8.04	3.6	3.005	94.4	2.3	0.6
722	3/3/2016 03:16:06	12.23	46.08	29.83	8.41	8.04	3.4	3.060	94.6	1.5	0.4
723	3/3/2016 03:31:06	12.20	46.24	29.94	8.46	8.05	3.6	3.115	95.1	2.3	0.5
724	3/3/2016 03:46:06	12.19	46.26	29.96	8.44	8.05	3.4	3.162	94.9	1.8	0.4
725	3/3/2016 04:01:06	12.16	46.27	29.97	8.46	8.05	3.2	3.225	95.1	1.9	0.5
726	3/3/2016 04:16:06	12.17	46.41	30.07	8.41	8.05	3.1	3.284	94.6	2.2	0.5
727	3/3/2016 04:31:06	12.14	46.36	30.03	8.44	8.06	3.2	3.331	94.9	1.8	0.4
728	3/3/2016 04:46:06	12.14	46.42	30.07	8.44	8.06	3.5	3.389	94.9	2.4	0.6
729	3/3/2016 05:01:06	12.16	46.55	30.17	8.51	8.06	3.6	3.422	95.7	2.1	0.5
730	3/3/2016 05:16:06	12.16	46.61	30.21	8.54	8.07	3.3	3.460	96.2	2.2	0.5
731	3/3/2016 05:31:06	12.17	46.98	30.48	8.51	8.07	3.5	3.494	96.0	2.0	0.5
732	3/3/2016 05:46:06	12.18	47.12	30.58	8.46	8.07	3.7	3.519	95.5	1.7	0.4
733	3/3/2016 06:01:06	12.18	47.18	30.62	8.49	8.07	3.6	3.535	95.8	2.0	0.5
734	3/3/2016 06:16:06	12.18	47.30	30.71	8.39	8.07	2.6	3.540	94.8	1.8	0.4
735	3/3/2016 06:31:06	12.18	47.26	30.68	8.43	8.07	3.2	3.553	95.2	1.9	0.5
736	3/3/2016 06:46:06	12.19	47.20	30.64	8.44	8.07	3.4	3.534	95.3	2.1	0.5
737	3/3/2016 07:01:06	12.13	46.48	30.11	8.38	8.05	3.6	3.505	94.2	2.3	0.5
738	3/3/2016 07:16:06	12.12	46.27	29.96	8.30	8.05	3.8	3.477	93.2	1.4	0.3
739	3/3/2016 07:31:06	12.15	46.40	30.06	8.33	8.05	4.0	3.425	93.7	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
740	3/3/2016 07:46:06	12.18	45.65	29.52	8.23	8.02	4.5	3.368	92.3	1.6	0.4
741	3/3/2016 08:01:06	12.19	46.08	29.83	8.28	8.03	4.0	3.314	93.0	1.9	0.5
742	3/3/2016 08:16:06	12.19	46.22	29.93	8.36	8.04	4.4	3.248	94.0	1.8	0.4
743	3/3/2016 08:31:06	12.19	46.02	29.79	8.29	8.04	4.5	3.174	93.2	1.9	0.5
744	3/3/2016 08:46:06	12.20	45.66	29.53	8.27	8.03	4.9	3.106	92.8	2.5	0.6
745	3/3/2016 09:01:06	12.22	45.57	29.47	8.36	8.03	3.7	3.046	93.8	1.6	0.4
746	3/3/2016 09:16:07	12.26	45.55	29.46	8.33	8.03	3.3	2.949	93.5	2.3	0.5
747	3/3/2016 09:31:06	12.37	45.56	29.46	8.34	8.03	3.6	2.879	93.8	2.1	0.5
748	3/3/2016 09:46:06	12.46	45.66	29.54	8.42	8.03	3.6	2.807	95.0	1.8	0.4
749	3/3/2016 10:01:06	12.51	45.62	29.52	8.42	8.04	3.6	2.733	95.1	2.1	0.5
750	3/3/2016 10:16:06	12.61	45.73	29.59	8.51	8.05	3.5	2.635	96.3	2.1	0.5
751	3/3/2016 10:31:06	12.71	45.42	29.38	8.46	8.04	4.1	2.548	95.8	1.3	0.3
752	3/3/2016 10:46:06	12.81	45.08	29.14	8.55	8.05	4.2	2.482	96.9	1.9	0.5
753	3/3/2016 11:01:07	12.93	44.85	28.98	8.52	8.05	4.5	2.404	96.7	2.4	0.6
754	3/3/2016 11:16:06	13.10	44.83	28.96	8.64	8.05	5.0	2.289	98.4	2.4	0.6
755	3/3/2016 11:31:05	13.32	44.95	29.06	8.70	8.06	4.8	2.212	99.6	1.9	0.5
756	3/3/2016 11:46:06	13.26	44.71	28.88	8.73	8.06	5.0	2.157	99.7	2.1	0.5
757	3/3/2016 12:01:06	13.41	44.70	28.88	8.75	8.07	4.6	2.057	100.3	2.5	0.6
758	3/3/2016 12:16:06	13.59	44.63	28.84	8.85	8.07	5.0	1.984	101.7	2.5	0.6
759	3/3/2016 12:31:06	13.70	44.50	28.75	8.80	8.08	5.9	1.940	101.3	2.2	0.5
760	3/3/2016 12:46:06	13.75	44.57	28.80	8.81	8.08	5.2	1.902	101.6	1.9	0.4
761	3/3/2016 13:01:06	13.70	44.49	28.74	8.79	8.08	4.8	1.875	101.2	2.1	0.5
762	3/3/2016 13:16:06	13.22	44.48	28.72	8.68	8.06	3.8	1.832	99.0	2.2	0.5
763	3/3/2016 13:31:06	13.03	44.50	28.73	8.55	8.05	4.5	1.819	97.1	2.4	0.6
764	3/3/2016 13:46:06	13.85	44.46	28.73	8.81	8.07	6.2	1.841	101.7	2.7	0.6
765	3/3/2016 14:01:06	13.68	44.39	28.67	8.77	8.07	4.5	1.864	101.0	2.4	0.6
766	3/3/2016 14:16:06	13.61	44.36	28.65	8.74	8.07	4.5	1.887	100.4	2.4	0.6
767	3/3/2016 14:31:06	13.65	44.30	28.61	8.75	8.06	5.4	1.923	100.6	2.4	0.6
768	3/3/2016 14:46:06	13.50	44.36	28.64	8.65	8.05	4.3	1.978	99.2	2.2	0.5
769	3/3/2016 15:01:06	13.52	44.11	28.47	8.62	8.05	4.6	2.007	98.7	2.8	0.7
770	3/3/2016 15:16:06	13.33	44.17	28.50	8.63	8.04	4.3	2.064	98.5	2.2	0.5
771	3/3/2016 15:31:06	13.32	44.09	28.45	8.61	8.04	4.5	2.110	98.3	2.7	0.6
772	3/3/2016 15:46:06	13.40	44.05	28.42	8.59	8.04	4.8	2.187	98.1	2.8	0.7
773	3/3/2016 16:01:06	13.46	44.12	28.47	8.65	8.04	4.5	2.235	99.0	3.1	0.7
774	3/3/2016 16:16:06	13.32	44.35	28.63	8.55	8.04	4.2	2.289	97.7	2.5	0.6
775	3/3/2016 16:31:06	13.35	44.32	28.61	8.58	8.04	4.0	2.346	98.0	2.9	0.7
776	3/3/2016 16:46:06	13.22	44.57	28.79	8.56	8.04	4.0	2.389	97.6	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
777	3/3/2016 17:01:06	13.01	44.90	29.01	8.56	8.04	3.8	2.457	97.4	2.6	0.6
778	3/3/2016 17:16:06	12.75	45.28	29.28	8.42	8.03	3.9	2.507	95.4	2.0	0.5
779	3/3/2016 17:31:06	12.72	45.27	29.27	8.46	8.03	3.8	2.563	95.8	2.4	0.6
780	3/3/2016 17:46:06	12.69	45.39	29.36	8.41	8.03	3.8	2.644	95.2	2.5	0.6
781	3/3/2016 18:01:06	12.67	45.49	29.42	8.45	8.03	3.7	2.694	95.7	2.3	0.5
782	3/3/2016 18:16:06	12.64	45.54	29.46	8.44	8.03	3.6	2.760	95.6	2.5	0.6
783	3/3/2016 18:31:06	12.60	45.58	29.49	8.43	8.03	3.6	2.795	95.4	2.1	0.5
784	3/3/2016 18:46:06	12.58	45.68	29.56	8.43	8.03	3.7	2.875	95.4	2.5	0.6
785	3/3/2016 19:01:06	12.58	45.78	29.63	8.39	8.04	4.1	2.917	94.9	2.4	0.6
786	3/3/2016 19:16:06	12.55	45.87	29.69	8.43	8.04	4.0	2.977	95.3	2.6	0.6
787	3/3/2016 19:31:06	12.55	45.86	29.69	8.43	8.04	3.9	2.987	95.3	2.6	0.6
788	3/3/2016 19:46:06	12.58	45.96	29.76	8.39	8.04	4.1	3.032	95.0	2.6	0.6
789	3/3/2016 20:01:06	12.59	45.94	29.75	8.42	8.04	3.7	3.080	95.4	2.5	0.6
790	3/3/2016 20:16:07	12.60	46.00	29.79	8.41	8.04	4.1	3.098	95.3	3.0	0.7
791	3/3/2016 20:31:06	12.59	45.96	29.76	8.27	8.04	2.8	3.081	93.7	2.1	0.5
792	3/3/2016 20:46:06	12.59	46.04	29.82	8.27	8.04	2.9	3.140	93.8	1.7	0.4
793	3/3/2016 21:01:06	12.59	46.06	29.83	8.32	8.04	3.4	3.084	94.3	2.5	0.6
794	3/3/2016 21:16:06	12.55	45.44	29.38	8.32	8.03	4.6	3.045	93.9	2.6	0.6
795	3/3/2016 21:31:06	12.57	45.49	29.43	8.32	8.03	4.0	3.042	94.1	2.6	0.6
796	3/3/2016 21:46:06	12.63	45.30	29.29	8.26	8.03	4.5	3.015	93.4	2.7	0.7
797	3/3/2016 22:01:07	12.61	45.28	29.27	8.34	8.03	4.4	2.974	94.2	2.6	0.6
798	3/3/2016 22:16:06	12.64	45.24	29.24	8.33	8.03	5.2	2.911	94.2	2.5	0.6
799	3/3/2016 22:31:06	12.62	45.62	29.52	8.25	8.03	4.9	2.912	93.3	2.2	0.5
800	3/3/2016 22:46:06	12.69	45.36	29.34	8.31	8.03	4.2	2.865	94.1	2.0	0.5
801	3/3/2016 23:01:06	12.72	45.20	29.22	8.27	8.03	4.4	2.798	93.6	2.2	0.5
802	3/3/2016 23:16:06	12.71	45.14	29.18	8.32	8.03	4.8	2.725	94.2	2.2	0.5
803	3/3/2016 23:31:06	12.68	45.11	29.15	8.31	8.02	4.8	2.705	94.0	2.9	0.7
804	3/3/2016 23:46:06	12.72	44.98	29.06	8.26	8.02	4.4	2.675	93.4	2.5	0.6
805	3/4/2016 00:01:07	12.75	44.90	29.00	8.28	8.02	4.3	2.655	93.7	2.5	0.6
806	3/4/2016 00:16:06	12.74	44.87	28.99	8.22	8.02	4.1	2.619	93.0	2.3	0.5
807	3/4/2016 00:31:06	12.73	44.86	28.98	8.27	8.03	4.0	2.585	93.5	3.0	0.7
808	3/4/2016 00:46:06	12.74	44.81	28.94	8.24	8.03	3.9	2.576	93.2	3.2	0.8
809	3/4/2016 01:01:06	12.77	44.86	28.98	8.18	8.02	3.7	2.579	92.5	2.4	0.6
810	3/4/2016 01:16:06	12.74	44.97	29.06	8.25	8.03	4.2	2.570	93.3	2.1	0.5
811	3/4/2016 01:31:06	12.74	44.97	29.06	8.28	8.02	4.3	2.574	93.6	2.4	0.6
812	3/4/2016 01:46:06	12.72	44.95	29.04	8.21	8.02	5.0	2.573	92.8	2.4	0.6
813	3/4/2016 02:01:07	12.72	45.18	29.20	8.29	8.02	4.0	2.584	93.9	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
814	3/4/2016 02:16:06	12.68	45.26	29.26	8.21	8.02	4.2	2.643	92.9	1.8	0.4
815	3/4/2016 02:31:06	12.67	45.03	29.10	8.29	8.02	4.2	2.682	93.7	2.6	0.6
816	3/4/2016 02:46:07	12.66	44.87	28.98	8.27	8.02	3.9	2.693	93.4	2.4	0.6
817	3/4/2016 03:01:06	12.66	45.30	29.29	8.30	8.02	4.0	2.737	93.9	2.1	0.5
818	3/4/2016 03:16:06	12.62	45.36	29.33	8.24	8.02	4.2	2.796	93.1	2.3	0.5
819	3/4/2016 03:31:07	12.60	45.37	29.34	8.29	8.02	4.5	2.830	93.7	2.8	0.7
820	3/4/2016 03:46:06	12.58	45.59	29.49	8.32	8.03	4.0	2.865	94.1	1.9	0.5
821	3/4/2016 04:01:06	12.54	45.56	29.47	8.35	8.03	3.7	2.908	94.3	2.3	0.5
822	3/4/2016 04:16:06	12.49	45.79	29.63	8.37	8.04	3.7	2.990	94.6	2.0	0.5
823	3/4/2016 04:31:06	12.52	46.01	29.79	8.36	8.05	4.0	3.081	94.5	2.0	0.5
824	3/4/2016 04:46:06	12.48	46.07	29.84	8.41	8.05	3.7	3.114	95.1	2.0	0.5
825	3/4/2016 05:01:06	12.47	46.29	29.99	8.44	8.05	3.5	3.160	95.5	2.0	0.5
826	3/4/2016 05:16:06	12.47	46.46	30.11	8.45	8.06	3.8	3.230	95.7	2.1	0.5
827	3/4/2016 05:31:06	12.42	46.50	30.15	8.47	8.06	3.4	3.294	95.9	2.1	0.5
828	3/4/2016 05:46:06	12.41	46.77	30.33	8.51	8.07	3.5	3.387	96.4	2.1	0.5
829	3/4/2016 06:01:06	12.44	46.99	30.50	8.52	8.07	3.5	3.397	96.6	2.4	0.6
830	3/4/2016 06:16:07	12.45	47.18	30.63	8.52	8.07	3.5	3.406	96.7	1.9	0.5
831	3/4/2016 06:31:06	12.47	47.28	30.71	8.53	8.08	3.6	3.519	96.9	2.4	0.6
832	3/4/2016 06:46:06	12.45	47.33	30.75	8.55	8.08	3.7	3.547	97.1	1.9	0.5
833	3/4/2016 07:01:06	12.44	47.35	30.75	8.54	8.08	3.5	3.552	97.0	1.8	0.4
834	3/4/2016 07:16:06	12.50	47.67	30.99	8.48	8.09	4.1	3.549	96.6	1.6	0.4
835	3/4/2016 07:31:06	12.50	47.70	31.01	8.51	8.09	3.7	3.594	96.9	2.0	0.5
836	3/4/2016 07:46:06	12.50	47.60	30.94	8.33	8.08	3.2	3.567	94.9	1.6	0.4
837	3/4/2016 08:01:06	12.46	47.52	30.88	8.38	8.08	3.0	3.571	95.3	1.6	0.4
838	3/4/2016 08:16:07	12.50	47.70	31.01	8.40	8.08	3.4	3.539	95.7	1.3	0.3
839	3/4/2016 08:31:06	12.43	47.00	30.50	8.37	8.07	3.4	3.495	95.0	1.5	0.4
840	3/4/2016 08:46:06	12.37	46.27	29.97	8.35	8.05	3.6	3.451	94.3	1.7	0.4
841	3/4/2016 09:01:06	12.43	46.36	30.04	8.28	8.05	3.8	3.372	93.6	1.6	0.4
842	3/4/2016 09:16:06	12.45	45.48	29.41	8.28	8.03	3.8	3.318	93.3	2.0	0.5
843	3/4/2016 09:31:06	12.47	45.54	29.46	8.33	8.03	4.1	3.212	93.9	2.1	0.5
844	3/4/2016 09:46:06	12.54	46.17	29.91	8.30	8.05	4.9	3.140	94.0	2.2	0.5
845	3/4/2016 10:01:06	12.53	46.02	29.80	8.36	8.04	4.2	3.040	94.6	1.7	0.4
846	3/4/2016 10:16:06	12.53	45.69	29.57	8.31	8.04	4.0	2.982	93.9	1.7	0.4
847	3/4/2016 10:31:06	12.56	45.50	29.43	8.35	8.03	5.2	2.906	94.3	2.4	0.6
848	3/4/2016 10:46:06	12.59	45.46	29.40	8.31	8.03	4.5	2.846	93.9	2.2	0.5
849	3/4/2016 11:01:06	12.68	45.27	29.27	8.46	8.04	4.0	2.742	95.7	2.1	0.5
850	3/4/2016 11:16:06	12.77	45.23	29.24	8.48	8.04	4.2	2.636	96.0	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
851	3/4/2016 11:31:06	12.90	45.45	29.41	8.61	8.06	4.8	2.555	97.9	2.5	0.6
852	3/4/2016 11:46:06	12.98	45.37	29.35	8.62	8.06	4.5	2.435	98.2	2.1	0.5
853	3/4/2016 12:01:06	13.12	45.49	29.44	8.69	8.06	4.2	2.326	99.4	2.5	0.6
854	3/4/2016 12:16:06	13.20	45.05	29.13	8.70	8.07	4.7	2.256	99.4	2.3	0.5
855	3/4/2016 12:31:06	13.26	44.95	29.06	8.77	8.07	4.2	2.168	100.3	2.8	0.7
856	3/4/2016 12:46:06	13.54	45.08	29.16	8.87	8.08	5.3	2.047	102.1	2.5	0.6
857	3/4/2016 13:01:06	13.53	44.87	29.01	8.81	8.08	6.0	1.950	101.4	3.2	0.8
858	3/4/2016 13:16:06	13.66	44.84	28.99	8.91	8.09	6.9	1.886	102.7	2.8	0.7
859	3/4/2016 13:31:06	13.68	44.67	28.87	8.86	8.09	6.0	1.796	102.1	2.7	0.6
860	3/4/2016 13:46:06	13.69	44.54	28.78	8.91	8.09	6.4	1.773	102.6	3.5	0.8
861	3/4/2016 14:01:06	13.68	44.50	28.75	8.90	8.09	5.4	1.685	102.4	3.2	0.8
862	3/4/2016 14:16:06	13.69	44.47	28.72	8.79	8.09	4.8	1.681	101.2	3.6	0.8
863	3/4/2016 14:31:06	13.69	44.45	28.72	8.86	8.09	5.4	1.686	102.0	3.8	0.9
864	3/4/2016 14:46:06	13.68	44.49	28.74	8.91	8.09	5.7	1.662	102.6	3.7	0.9
865	3/4/2016 15:01:06	13.66	44.50	28.75	8.87	8.09	5.0	1.695	102.1	3.1	0.7
866	3/4/2016 15:16:06	13.60	44.51	28.76	8.81	8.08	4.6	1.730	101.3	3.5	0.8
867	3/4/2016 15:31:06	13.52	44.37	28.65	8.75	8.07	4.7	1.802	100.4	3.3	0.8
868	3/4/2016 15:46:06	13.60	43.59	28.09	8.84	8.07	5.7	1.883	101.2	3.4	0.8
869	3/4/2016 16:01:06	13.44	44.26	28.57	8.68	8.06	5.1	1.916	99.3	3.3	0.8
870	3/4/2016 16:16:06	13.38	44.21	28.53	8.69	8.05	4.6	1.991	99.3	2.9	0.7
871	3/4/2016 16:31:06	13.38	44.17	28.51	8.69	8.06	5.0	2.067	99.3	3.2	0.8
872	3/4/2016 16:46:06	13.27	44.38	28.65	8.66	8.05	4.7	2.149	98.8	3.0	0.7
873	3/4/2016 17:01:06	13.15	44.66	28.85	8.59	8.04	4.3	2.188	97.9	2.7	0.6
874	3/4/2016 17:16:06	13.08	45.04	29.11	8.50	8.04	4.3	2.276	96.9	3.2	0.8
875	3/4/2016 17:31:06	13.07	45.16	29.20	8.54	8.04	4.0	2.348	97.4	3.0	0.7
876	3/4/2016 17:46:06	13.06	45.17	29.21	8.55	8.04	4.2	2.400	97.5	2.5	0.6
877	3/4/2016 18:01:06	13.04	45.31	29.31	8.49	8.04	4.0	2.464	96.8	2.6	0.6
878	3/4/2016 18:16:06	13.01	45.40	29.37	8.47	8.04	4.7	2.550	96.5	3.4	0.8
879	3/4/2016 18:31:06	12.97	45.50	29.45	8.50	8.04	4.8	2.613	96.9	2.8	0.7
880	3/4/2016 18:46:06	12.91	45.60	29.51	8.42	8.04	5.0	2.687	95.9	2.7	0.6
881	3/4/2016 19:01:06	12.90	45.64	29.54	8.47	8.04	5.9	2.757	96.4	2.6	0.6
882	3/4/2016 19:16:06	12.86	45.74	29.61	8.46	8.04	6.1	2.800	96.3	2.6	0.6
883	3/4/2016 19:31:07	12.82	45.87	29.71	8.41	8.05	7.2	2.914	95.7	2.8	0.7
884	3/4/2016 19:46:06	12.78	46.03	29.82	8.42	8.05	7.5	2.965	95.8	2.6	0.6
885	3/4/2016 20:01:06	12.75	46.17	29.92	8.49	8.05	7.5	3.028	96.6	3.1	0.7
886	3/4/2016 20:16:06	12.72	46.36	30.05	8.51	8.06	7.0	3.081	96.8	2.7	0.7
887	3/4/2016 20:31:07	12.70	46.78	30.35	8.61	8.07	9.0	3.131	98.1	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
888	3/4/2016 20:46:06	12.69	47.08	30.57	8.70	8.08	11.2	3.179	99.2	3.1	0.7
889	3/4/2016 21:01:06	12.68	47.21	30.66	8.72	8.09	8.4	3.201	99.5	2.8	0.7
890	3/4/2016 21:16:06	12.66	47.29	30.72	8.69	8.09	6.4	3.222	99.2	2.5	0.6
891	3/4/2016 21:31:07	12.66	47.34	30.76	8.66	8.10	5.7	3.254	98.8	2.3	0.6
892	3/4/2016 21:46:06	12.76	46.56	30.20	8.56	8.08	6.4	3.258	97.6	2.9	0.7
893	3/4/2016 22:01:06	12.73	46.68	30.28	8.51	8.08	6.5	3.234	97.0	2.8	0.7
894	3/4/2016 22:16:06	12.73	46.48	30.14	8.48	8.07	6.4	3.169	96.5	3.1	0.7
895	3/4/2016 22:31:06	12.73	46.52	30.17	8.54	8.07	6.1	3.157	97.3	2.9	0.7
896	3/4/2016 22:46:06	12.75	46.37	30.06	8.50	8.06	6.2	3.118	96.8	2.4	0.6
897	3/4/2016 23:01:06	12.76	46.21	29.95	8.37	8.05	7.2	3.068	95.3	3.2	0.8
898	3/4/2016 23:16:06	12.80	46.04	29.83	8.40	8.05	8.1	3.007	95.6	2.4	0.6
899	3/4/2016 23:31:06	12.77	46.22	29.95	8.42	8.05	6.3	2.925	95.9	2.7	0.6
900	3/4/2016 23:46:06	12.84	45.71	29.59	8.32	8.04	7.5	2.896	94.7	2.7	0.6
901	3/5/2016 00:01:06	12.88	45.60	29.51	8.38	8.05	6.7	2.826	95.3	2.5	0.6
902	3/5/2016 00:16:06	12.92	45.43	29.39	8.36	8.04	5.9	2.761	95.1	3.0	0.7
903	3/5/2016 00:31:06	12.93	45.31	29.31	8.35	8.04	5.9	2.689	95.0	2.7	0.6
904	3/5/2016 00:46:06	12.91	45.32	29.32	8.30	8.04	5.6	2.661	94.3	2.7	0.6
905	3/5/2016 01:01:06	12.93	45.28	29.28	8.26	8.03	5.5	2.597	93.9	2.8	0.7
906	3/5/2016 01:16:07	12.94	45.29	29.29	8.25	8.03	5.2	2.567	93.9	2.6	0.6
907	3/5/2016 01:31:06	12.94	45.14	29.18	8.21	8.03	6.4	2.562	93.4	3.4	0.8
908	3/5/2016 01:46:06	12.94	45.15	29.19	8.24	8.03	6.6	2.525	93.7	3.1	0.7
909	3/5/2016 02:01:06	12.92	45.15	29.19	8.22	8.03	6.9	2.524	93.4	3.1	0.7
910	3/5/2016 02:16:07	12.89	45.43	29.39	8.13	8.02	4.6	2.524	92.5	2.0	0.5
911	3/5/2016 02:31:07	12.85	45.57	29.49	8.18	8.02	5.4	2.484	93.0	2.2	0.5
912	3/5/2016 02:46:07	12.87	45.49	29.43	8.17	8.03	5.0	2.507	92.9	2.8	0.7
913	3/5/2016 03:01:06	12.86	45.56	29.48	8.20	8.03	5.0	2.552	93.3	2.4	0.6
914	3/5/2016 03:16:06	12.86	45.51	29.45	8.23	8.03	5.0	2.555	93.6	2.2	0.5
915	3/5/2016 03:31:06	12.84	45.59	29.50	8.29	8.03	5.5	2.589	94.3	2.2	0.5
916	3/5/2016 03:46:06	12.83	45.59	29.51	8.32	8.03	4.8	2.626	94.5	2.2	0.5
917	3/5/2016 04:01:06	12.82	45.67	29.56	8.26	8.04	5.4	2.669	93.9	2.3	0.5
918	3/5/2016 04:16:06	12.76	46.00	29.80	8.37	8.04	5.8	2.729	95.2	2.2	0.5
919	3/5/2016 04:31:07	12.79	45.66	29.55	8.36	8.05	5.1	2.782	95.0	2.6	0.6
920	3/5/2016 04:46:06	12.77	45.82	29.67	8.36	8.05	4.7	2.859	95.0	2.3	0.5
921	3/5/2016 05:01:06	12.77	46.10	29.87	8.36	8.05	5.3	2.919	95.1	2.3	0.5
922	3/5/2016 05:16:06	12.76	46.29	30.00	8.45	8.06	5.7	2.987	96.2	2.4	0.6
923	3/5/2016 05:31:06	12.75	46.40	30.08	8.47	8.06	5.5	3.067	96.5	2.7	0.6
924	3/5/2016 05:46:06	12.74	46.54	30.19	8.49	8.06	5.6	3.130	96.7	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
925	3/5/2016 06:01:07	12.74	46.57	30.20	8.51	8.06	5.4	3.194	96.9	2.2	0.5
926	3/5/2016 06:16:06	12.68	46.91	30.45	8.58	8.07	6.5	3.272	97.8	1.9	0.5
927	3/5/2016 06:31:06	12.68	46.91	30.45	8.57	8.07	5.8	3.335	97.6	2.4	0.6
928	3/5/2016 06:46:06	12.66	46.87	30.42	8.61	8.08	8.3	3.393	98.1	2.2	0.5
929	3/5/2016 07:01:06	12.63	47.05	30.55	8.65	8.08	7.6	3.482	98.5	2.0	0.5
930	3/5/2016 07:16:06	12.59	47.19	30.65	8.67	8.10	7.5	3.526	98.8	2.3	0.5
931	3/5/2016 07:31:06	12.56	47.29	30.72	8.76	8.10	7.5	3.591	99.8	1.9	0.5
932	3/5/2016 07:46:06	12.52	47.47	30.85	8.76	8.11	7.6	3.643	99.7	1.8	0.4
933	3/5/2016 08:01:06	12.50	47.45	30.83	8.78	8.11	7.2	3.685	100.0	1.4	0.3
934	3/5/2016 08:16:06	12.49	47.54	30.89	8.84	8.12	7.2	3.692	100.7	1.4	0.3
935	3/5/2016 08:31:07	12.49	47.56	30.91	8.81	8.11	6.7	3.724	100.3	2.1	0.5
936	3/5/2016 08:46:06	12.50	47.48	30.85	8.66	8.11	4.7	3.727	98.6	1.4	0.3
937	3/5/2016 09:01:06	12.52	47.47	30.84	8.69	8.11	5.6	3.714	99.0	1.3	0.3
938	3/5/2016 09:16:07	12.60	47.21	30.66	8.63	8.10	4.8	3.684	98.3	1.7	0.4
939	3/5/2016 09:31:07	12.65	47.06	30.56	8.51	8.08	5.7	3.587	96.9	2.0	0.5
940	3/5/2016 09:46:06	12.78	46.65	30.26	8.46	8.07	5.1	3.551	96.5	1.8	0.4
941	3/5/2016 10:01:06	12.82	46.57	30.21	8.46	8.07	5.0	3.502	96.6	2.0	0.5
942	3/5/2016 10:16:06	12.88	46.43	30.11	8.49	8.06	4.7	3.383	97.0	1.9	0.4
943	3/5/2016 10:31:06	12.89	46.23	29.97	8.44	8.06	4.7	3.282	96.3	2.2	0.5
944	3/5/2016 10:46:06	12.90	46.24	29.98	8.48	8.06	4.8	3.200	96.8	2.5	0.6
945	3/5/2016 11:01:06	12.90	46.18	29.93	8.50	8.06	4.5	3.103	97.0	2.2	0.5
946	3/5/2016 11:16:06	12.92	46.14	29.90	8.43	8.06	4.5	3.008	96.2	2.1	0.5
947	3/5/2016 11:31:06	12.98	45.65	29.55	8.38	8.05	5.8	2.919	95.6	1.8	0.4
948	3/5/2016 11:46:06	12.98	45.64	29.54	8.38	8.05	5.1	2.809	95.5	2.2	0.5
949	3/5/2016 12:01:06	13.01	45.54	29.47	8.38	8.05	5.1	2.688	95.6	2.2	0.5
950	3/5/2016 12:16:06	13.00	45.63	29.54	8.43	8.05	5.0	2.604	96.2	2.1	0.5
951	3/5/2016 12:31:06	13.00	45.74	29.62	8.44	8.05	4.7	2.477	96.4	2.6	0.6
952	3/5/2016 12:46:06	13.00	45.91	29.74	8.44	8.06	5.6	2.377	96.4	2.6	0.6
953	3/5/2016 13:01:06	13.05	45.71	29.60	8.48	8.06	6.8	2.287	96.9	2.6	0.6
954	3/5/2016 13:16:06	13.12	45.40	29.38	8.47	8.05	8.1	2.160	96.7	2.9	0.7
955	3/5/2016 13:31:06	13.17	45.30	29.30	8.46	8.05	9.1	2.067	96.8	3.1	0.7
956	3/5/2016 13:46:06	13.24	44.88	29.01	8.41	8.05	7.3	1.941	96.1	3.0	0.7
957	3/5/2016 14:01:06	13.28	44.84	28.98	8.40	8.05	7.0	1.838	96.0	2.8	0.7
958	3/5/2016 14:16:06	13.34	44.67	28.86	8.43	8.05	7.0	1.772	96.4	3.5	0.8
959	3/5/2016 14:31:06	13.39	44.70	28.88	8.46	8.06	9.0	1.672	96.9	3.1	0.7
960	3/5/2016 14:46:06	13.45	44.53	28.76	8.42	8.06	7.9	1.649	96.5	3.7	0.9
961	3/5/2016 15:01:06	13.46	44.47	28.72	8.40	8.06	7.7	1.578	96.3	3.9	0.9

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
962	3/5/2016 15:16:06	13.46	44.39	28.67	8.37	8.05	6.2	1.567	95.9	3.9	0.9
963	3/5/2016 15:31:06	13.45	44.39	28.66	8.43	8.05	6.8	1.565	96.5	4.1	1.0
964	3/5/2016 15:46:06	13.41	44.45	28.70	8.38	8.05	6.2	1.605	96.0	3.7	0.9
965	3/5/2016 16:01:06	13.37	44.45	28.70	8.41	8.04	6.6	1.657	96.1	3.4	0.8
966	3/5/2016 16:16:06	13.34	44.08	28.44	8.35	8.03	8.3	1.729	95.2	3.8	0.9
967	3/5/2016 16:31:06	13.33	43.99	28.37	8.33	8.03	9.2	1.806	95.0	3.9	0.9
968	3/5/2016 16:46:06	13.32	43.88	28.29	8.31	8.03	9.7	1.843	94.7	3.9	0.9
969	3/5/2016 17:01:06	13.30	43.98	28.37	8.35	8.03	7.6	1.943	95.2	4.1	1.0
970	3/5/2016 17:16:06	13.24	44.03	28.40	8.36	8.03	7.3	1.999	95.1	3.8	0.9
971	3/5/2016 17:31:05	13.20	44.01	28.39	8.31	8.03	8.6	2.065	94.6	3.0	0.7
972	3/5/2016 17:46:05	13.18	44.21	28.53	8.38	8.03	8.4	2.172	95.3	2.9	0.7
973	3/5/2016 18:01:06	13.16	44.76	28.92	8.37	8.03	7.6	2.243	95.5	2.9	0.7
974	3/5/2016 18:16:06	13.17	44.89	29.02	8.31	8.03	7.4	2.324	94.8	3.2	0.8
975	3/5/2016 18:31:06	13.16	44.99	29.08	8.30	8.03	7.5	2.392	94.8	2.6	0.6
976	3/5/2016 18:46:07	13.16	45.01	29.10	8.35	8.03	9.4	2.493	95.3	2.9	0.7
977	3/5/2016 19:01:06	13.14	44.97	29.07	8.36	8.04	8.9	2.578	95.4	2.7	0.6
978	3/5/2016 19:16:06	13.11	45.12	29.18	8.37	8.03	8.9	2.679	95.5	2.6	0.6
979	3/5/2016 19:31:06	13.06	45.29	29.30	8.33	8.03	12.1	2.747	95.1	2.9	0.7
980	3/5/2016 19:46:06	12.97	45.35	29.33	8.39	8.04	17.6	2.873	95.5	3.0	0.7
981	3/5/2016 20:01:06	12.93	45.40	29.37	8.46	8.04	17.3	2.965	96.3	2.7	0.6
982	3/5/2016 20:16:06	12.90	45.52	29.46	8.45	8.05	14.1	3.067	96.1	2.8	0.7
983	3/5/2016 20:31:06	12.86	45.88	29.71	8.52	8.06	13.9	3.157	97.1	2.7	0.6
984	3/5/2016 20:46:06	12.80	46.18	29.93	8.57	8.07	13.5	3.215	97.6	2.5	0.6
985	3/5/2016 21:01:06	12.76	46.45	30.12	8.59	8.07	15.2	3.316	97.8	2.9	0.7
986	3/5/2016 21:16:06	12.73	46.61	30.23	8.55	8.08	11.6	3.392	97.5	2.8	0.7
987	3/5/2016 21:31:06	12.72	46.73	30.32	8.55	8.08	10.3	3.439	97.4	3.0	0.7
988	3/5/2016 21:46:06	12.71	46.81	30.38	8.54	8.08	9.3	3.455	97.3	2.8	0.7
989	3/5/2016 22:01:06	12.70	46.82	30.38	8.58	8.08	7.9	3.514	97.8	2.1	0.5
990	3/5/2016 22:16:06	12.70	46.82	30.38	8.50	8.08	6.0	3.509	96.9	2.2	0.5
991	3/5/2016 22:31:06	12.71	46.84	30.40	8.50	8.08	8.6	3.505	96.9	2.1	0.5
992	3/5/2016 22:46:06	12.72	46.81	30.38	8.48	8.08	8.6	3.459	96.7	2.3	0.5
993	3/5/2016 23:01:06	12.73	46.73	30.32	8.46	8.08	8.3	3.426	96.5	2.1	0.5
994	3/5/2016 23:16:06	12.82	45.64	29.54	8.36	8.04	8.4	3.373	95.1	2.4	0.6
995	3/5/2016 23:31:06	12.82	45.68	29.57	8.38	8.04	8.2	3.298	95.2	2.6	0.6
996	3/5/2016 23:46:07	12.81	45.65	29.54	8.38	8.04	8.8	3.229	95.2	2.2	0.5
997	3/6/2016 00:01:07	12.83	45.47	29.42	8.29	8.03	8.7	3.167	94.2	2.5	0.6
998	3/6/2016 00:16:06	12.83	45.28	29.28	8.31	8.03	8.5	3.086	94.3	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
999	3/6/2016 00:31:06	12.84	45.34	29.32	8.37	8.03	7.9	3.004	95.0	2.2	0.5
1000	3/6/2016 00:46:06	12.84	45.25	29.26	8.34	8.03	7.6	2.946	94.7	2.6	0.6
1001	3/6/2016 01:01:06	12.87	45.17	29.21	8.30	8.02	7.2	2.866	94.2	2.5	0.6
1002	3/6/2016 01:16:06	12.88	45.00	29.09	8.27	8.02	6.7	2.841	93.8	2.8	0.7
1003	3/6/2016 01:31:06	12.86	44.77	28.91	8.21	8.01	6.9	2.766	93.0	2.5	0.6
1004	3/6/2016 01:46:06	12.85	44.44	28.68	8.19	8.01	7.0	2.691	92.7	3.0	0.7
1005	3/6/2016 02:01:07	12.78	44.16	28.48	8.23	8.00	8.0	2.657	92.8	2.7	0.6
1006	3/6/2016 02:16:06	12.77	43.62	28.09	8.23	8.00	8.3	2.603	92.7	3.1	0.7
1007	3/6/2016 02:31:07	12.75	43.55	28.04	8.23	8.00	8.7	2.536	92.6	2.8	0.7
1008	3/6/2016 02:46:06	12.74	43.88	28.28	8.15	8.00	8.3	2.494	91.8	3.2	0.8
1009	3/6/2016 03:01:06	12.81	43.94	28.32	8.11	8.00	7.5	2.481	91.5	2.8	0.7
1010	3/6/2016 03:16:06	12.80	44.01	28.37	8.10	8.00	6.8	2.483	91.4	2.6	0.6
1011	3/6/2016 03:31:07	12.80	44.06	28.40	8.12	8.00	7.3	2.442	91.6	2.6	0.6
1012	3/6/2016 03:46:06	12.89	43.74	28.18	8.15	8.00	6.7	2.442	91.9	2.6	0.6
1013	3/6/2016 04:01:06	12.82	43.60	28.08	8.22	8.00	7.3	2.500	92.6	2.7	0.6
1014	3/6/2016 04:16:06	12.90	43.81	28.23	8.20	8.00	6.4	2.491	92.6	2.3	0.5
1015	3/6/2016 04:31:06	12.87	43.68	28.14	8.22	8.00	6.9	2.515	92.7	2.5	0.6
1016	3/6/2016 04:46:06	12.95	44.18	28.50	8.16	8.00	6.2	2.578	92.4	2.6	0.6
1017	3/6/2016 05:01:07	12.88	43.94	28.32	8.12	7.99	8.0	2.626	91.7	2.8	0.7
1018	3/6/2016 05:16:06	12.86	44.09	28.43	8.17	7.99	8.7	2.689	92.3	2.5	0.6
1019	3/6/2016 05:31:06	12.88	44.51	28.73	8.20	8.00	8.9	2.752	92.8	2.1	0.5
1020	3/6/2016 05:46:06	12.83	44.49	28.72	8.23	8.01	8.0	2.826	93.1	2.1	0.5
1021	3/6/2016 06:01:06	12.81	44.92	29.02	8.26	8.01	8.9	2.918	93.6	2.8	0.7
1022	3/6/2016 06:16:06	12.81	45.14	29.18	8.31	8.02	10.4	2.998	94.2	2.3	0.6
1023	3/6/2016 06:31:06	12.78	45.18	29.21	8.34	8.02	9.6	3.088	94.5	2.4	0.6
1024	3/6/2016 06:46:06	12.78	45.48	29.42	8.29	8.03	9.5	3.187	94.1	2.4	0.6
1025	3/6/2016 07:01:06	12.74	45.54	29.47	8.31	8.03	10.2	3.268	94.3	2.0	0.5
1026	3/6/2016 07:16:06	12.67	45.73	29.60	8.34	8.04	12.3	3.356	94.5	2.4	0.6
1027	3/6/2016 07:31:07	12.66	45.93	29.74	8.42	8.05	14.1	3.437	95.5	2.3	0.6
1028	3/6/2016 07:46:06	12.62	46.00	29.79	8.39	8.05	14.1	3.521	95.2	2.3	0.5
1029	3/6/2016 08:01:06	12.55	46.21	29.94	8.44	8.06	9.5	3.593	95.6	2.0	0.5
1030	3/6/2016 08:16:06	12.52	46.34	30.03	8.51	8.07	8.4	3.677	96.5	2.4	0.6
1031	3/6/2016 08:31:06	12.49	46.53	30.16	8.50	8.07	7.4	3.718	96.3	2.3	0.6
1032	3/6/2016 08:46:07	12.45	46.64	30.24	8.59	8.08	6.7	3.770	97.3	1.8	0.4
1033	3/6/2016 09:01:06	12.44	46.78	30.35	8.54	8.08	7.1	3.807	96.7	1.9	0.4
1034	3/6/2016 09:16:06	12.43	46.80	30.36	8.59	8.09	7.0	3.839	97.3	1.9	0.4
1035	3/6/2016 09:31:06	12.42	46.92	30.44	8.49	8.09	5.8	3.849	96.3	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
1036	3/6/2016 09:46:06	12.42	46.89	30.43	8.50	8.08	5.5	3.833	96.4	1.5	0.3
1037	3/6/2016 10:01:06	12.43	46.86	30.40	8.55	8.08	6.4	3.794	96.9	1.8	0.4
1038	3/6/2016 10:16:06	12.50	46.46	30.12	8.50	8.07	7.6	3.773	96.3	2.0	0.5
1039	3/6/2016 10:31:06	12.48	46.54	30.17	8.44	8.07	6.5	3.690	95.6	1.2	0.3
1040	3/6/2016 10:46:06	12.58	45.87	29.70	8.46	8.06	8.1	3.601	95.8	2.0	0.5
1041	3/6/2016 11:01:06	12.68	43.55	28.04	8.45	8.03	12.6	3.513	94.9	2.1	0.5
1042	3/6/2016 11:16:06	12.76	43.68	28.14	8.51	8.02	9.5	3.399	95.7	2.5	0.6
1043	3/6/2016 11:31:06	12.73	44.58	28.77	8.43	8.03	10.1	3.313	95.2	2.5	0.6
1044	3/6/2016 11:46:06	12.75	43.69	28.14	8.42	8.02	9.6	3.200	94.7	2.2	0.5
1045	3/6/2016 12:01:06	12.77	43.75	28.18	8.36	8.02	9.1	3.078	94.1	2.5	0.6
1046	3/6/2016 12:16:05	12.78	43.59	28.07	8.38	8.01	9.5	2.972	94.4	2.7	0.6
1047	3/6/2016 12:31:06	12.77	43.68	28.14	8.46	8.02	7.5	2.877	95.2	2.3	0.6
1048	3/6/2016 12:46:06	12.77	43.64	28.11	8.41	8.02	8.0	2.738	94.7	2.2	0.5
1049	3/6/2016 13:01:06	12.77	43.64	28.10	8.47	8.02	7.9	2.629	95.3	2.9	0.7
1050	3/6/2016 13:16:06	12.76	43.81	28.23	8.51	8.02	8.1	2.532	95.8	2.4	0.6
1051	3/6/2016 13:31:06	12.76	43.66	28.12	8.48	8.02	7.8	2.402	95.4	3.0	0.7
1052	3/6/2016 13:46:06	12.76	43.60	28.08	8.51	8.02	9.7	2.285	95.7	2.1	0.5
1053	3/6/2016 14:01:06	12.74	43.73	28.17	8.53	8.02	11.4	2.172	96.0	3.2	0.8
1054	3/6/2016 14:16:06	12.75	43.61	28.09	8.47	8.02	9.5	2.053	95.3	3.3	0.8
1055	3/6/2016 14:31:06	12.78	43.38	27.92	8.50	8.01	8.6	1.936	95.5	3.7	0.9
1056	3/6/2016 14:46:06	12.76	43.35	27.90	8.51	8.01	9.7	1.837	95.6	3.0	0.7
1057	3/6/2016 15:01:06	12.74	43.30	27.87	8.52	8.01	13.2	1.710	95.6	3.3	0.8
1058	3/6/2016 15:16:06	12.73	43.29	27.86	8.49	8.02	17.0	1.610	95.4	4.1	1.0
1059	3/6/2016 15:31:06	12.74	43.26	27.83	8.54	8.02	18.1	1.557	95.8	4.1	1.0
1060	3/6/2016 15:46:06	12.74	43.21	27.80	8.52	8.02	13.0	1.495	95.7	4.2	1.0
1061	3/6/2016 16:01:07	12.72	43.12	27.74	8.45	8.02	13.6	1.483	94.8	3.9	0.9
1062	3/6/2016 16:16:06	12.73	43.16	27.76	8.49	8.02	10.8	1.475	95.2	3.9	0.9
1063	3/6/2016 16:31:06	12.70	43.13	27.74	8.54	8.01	14.5	1.505	95.8	3.9	0.9
1064	3/6/2016 16:46:06	12.70	42.75	27.47	8.47	8.01	14.4	1.540	94.8	3.8	0.9
1065	3/6/2016 17:01:06	12.71	42.28	27.13	8.45	8.00	13.3	1.643	94.3	3.8	0.9
1066	3/6/2016 17:16:07	12.68	41.37	26.49	8.50	7.99	14.6	1.711	94.5	4.1	1.0
1067	3/6/2016 17:31:06	12.68	41.33	26.47	8.44	7.99	13.7	1.805	93.8	3.7	0.9
1068	3/6/2016 17:46:06	12.68	41.33	26.47	8.48	7.98	14.2	1.897	94.2	4.3	1.0
1069	3/6/2016 18:01:07	12.72	42.15	27.05	8.40	7.99	16.7	1.988	93.8	4.3	1.0
1070	3/6/2016 18:16:06	12.72	42.49	27.28	8.39	8.00	14.5	2.089	93.9	3.7	0.9
1071	3/6/2016 18:31:06	12.74	42.81	27.52	8.45	8.00	13.3	2.170	94.7	3.3	0.8
1072	3/6/2016 18:46:06	12.75	43.12	27.73	8.47	8.00	12.5	2.278	95.0	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
1073	3/6/2016 19:01:06	12.76	43.25	27.83	8.45	8.00	13.4	2.371	94.9	3.0	0.7
1074	3/6/2016 19:16:06	12.72	43.13	27.74	8.46	8.00	13.1	2.491	94.8	3.2	0.8
1075	3/6/2016 19:31:06	12.71	43.18	27.78	8.41	8.00	13.6	2.560	94.3	3.2	0.8
1076	3/6/2016 19:46:06	12.71	43.28	27.85	8.44	8.00	12.2	2.633	94.7	2.6	0.6
1077	3/6/2016 20:01:06	12.72	43.52	28.02	8.44	8.00	15.6	2.730	94.8	3.4	0.8
1078	3/6/2016 20:16:06	12.70	43.55	28.04	8.44	8.01	17.2	2.820	94.8	3.4	0.8
1079	3/6/2016 20:31:06	12.63	43.44	27.96	8.48	8.01	22.0	2.927	95.0	3.0	0.7
1080	3/6/2016 20:46:06	12.55	43.57	28.05	8.47	8.02	26.6	3.038	94.9	3.1	0.7
1081	3/6/2016 21:01:06	12.54	43.97	28.33	8.52	8.02	21.6	3.143	95.6	3.4	0.8
1082	3/6/2016 21:16:05	12.45	44.52	28.73	8.66	8.04	28.9	3.233	97.2	3.0	0.7
1083	3/6/2016 21:31:06	12.42	44.93	29.02	8.71	8.06	33.4	3.318	97.9	3.9	0.9
1084	3/6/2016 21:46:06	12.40	45.09	29.13	8.67	8.06	42.6	3.402	97.4	3.9	0.9
1085	3/6/2016 22:01:06	12.39	45.31	29.29	8.75	8.07	47.1	3.476	98.4	3.9	0.9
1086	3/6/2016 22:16:06	12.36	45.48	29.41	8.68	8.08	52.0	3.543	97.6	3.6	0.8
1087	3/6/2016 22:31:06	12.33	45.66	29.53	8.70	8.09	48.0	3.565	97.9	3.5	0.8
1088	3/6/2016 22:46:06	12.31	45.69	29.56	8.69	8.09	35.0	3.617	97.8	2.6	0.6
1089	3/6/2016 23:01:06	12.31	45.75	29.60	8.64	8.09	22.4	3.589	97.2	2.7	0.6
1090	3/6/2016 23:16:06	12.34	45.35	29.31	8.70	8.07	23.8	3.575	97.7	2.7	0.6
1091	3/6/2016 23:31:06	12.31	44.70	28.85	8.68	8.05	21.9	3.547	97.1	2.5	0.6
1092	3/6/2016 23:46:06	12.19	43.62	28.07	8.54	8.02	13.6	3.462	94.9	2.9	0.7
1093	3/7/2016 00:01:05	12.19	44.07	28.39	8.64	8.04	19.4	3.404	96.2	3.3	0.8
1094	3/7/2016 00:16:06	12.17	43.20	27.77	8.54	8.03	16.4	3.287	94.7	2.9	0.7
1095	3/7/2016 00:31:06	12.21	43.21	27.78	8.55	8.03	18.8	3.187	94.9	2.6	0.6
1096	3/7/2016 00:46:06	12.30	43.39	27.91	8.52	8.03	23.9	3.124	94.8	3.1	0.7
1097	3/7/2016 01:01:07	12.36	43.40	27.92	8.43	8.02	22.5	3.014	94.0	4.0	0.9
1098	3/7/2016 01:16:06	12.26	42.63	27.37	8.42	8.00	20.0	2.939	93.3	3.4	0.8
1099	3/7/2016 01:31:06	12.25	42.50	27.28	8.39	7.99	13.4	2.855	92.9	2.7	0.6
1100	3/7/2016 01:46:06	12.23	42.57	27.33	8.39	7.99	12.5	2.757	92.9	2.8	0.7
1101	3/7/2016 02:01:06	12.21	42.57	27.33	8.32	7.99	9.7	2.672	92.1	3.3	0.8
1102	3/7/2016 02:16:06	12.11	42.54	27.30	8.35	7.99	9.5	2.609	92.2	2.6	0.6
1103	3/7/2016 02:31:06	12.20	42.73	27.44	8.30	7.99	8.5	2.555	91.9	2.9	0.7
1104	3/7/2016 02:46:06	12.21	42.89	27.56	8.28	7.99	8.7	2.478	91.8	2.8	0.7
1105	3/7/2016 03:01:06	12.27	42.59	27.34	8.30	7.98	9.1	2.418	92.0	3.0	0.7
1106	3/7/2016 03:16:06	12.18	42.58	27.33	8.32	7.99	8.3	2.358	92.0	2.6	0.6
1107	3/7/2016 03:31:06	12.13	42.49	27.27	8.29	7.98	7.6	2.294	91.6	3.6	0.8
1108	3/7/2016 03:46:06	12.15	42.25	27.10	8.23	7.98	7.4	2.258	90.8	2.9	0.7
1109	3/7/2016 04:01:06	12.20	42.14	27.02	8.18	7.97	7.3	2.212	90.4	2.9	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	Fluorescence %FS
1110	3/7/2016 04:16:06	12.19	42.16	27.04	8.21	7.97	7.0	2.232	90.6	4.0	0.9
1111	3/7/2016 04:31:06	12.21	42.15	27.03	8.16	7.97	7.8	2.213	90.2	3.3	0.8
1112	3/7/2016 04:46:07	12.23	42.18	27.05	8.24	7.97	7.4	2.248	91.1	3.0	0.7
1113	3/7/2016 05:01:06	12.26	42.26	27.11	8.21	7.97	8.1	2.273	90.8	2.8	0.7
1114	3/7/2016 05:16:06	12.14	42.11	27.00	8.22	7.96	10.3	2.320	90.6	3.3	0.8
1115	3/7/2016 05:31:06	12.17	41.99	26.91	8.20	7.97	10.9	2.402	90.4	3.1	0.7
1116	3/7/2016 05:46:07	12.20	41.99	26.91	8.20	7.97	14.1	2.472	90.5	3.1	0.7
1117	3/7/2016 06:01:06	12.22	42.08	26.98	8.21	7.97	14.8	2.560	90.7	3.3	0.8
1118	3/7/2016 06:16:06	12.28	42.38	27.19	8.26	7.98	15.8	2.654	91.5	2.5	0.6
1119	3/7/2016 06:31:07	12.28	42.40	27.21	8.29	7.99	17.5	2.711	91.8	3.4	0.8
1120	3/7/2016 06:46:06	12.26	42.65	27.39	8.34	8.00	18.3	2.808	92.5	3.4	0.8
1121	3/7/2016 07:01:07	12.25	42.98	27.62	8.36	8.00	21.0	2.908	92.7	3.4	0.8
1122	3/7/2016 07:16:07	12.24	43.06	27.68	8.37	8.00	24.1	2.997	92.9	3.3	0.8
1123	3/7/2016 07:31:06	12.22	43.09	27.69	8.40	8.01	27.1	3.116	93.1	3.5	0.8
1124	3/7/2016 07:46:06	12.22	43.39	27.91	8.44	8.02	41.3	3.206	93.8	3.1	0.7
1125	3/7/2016 08:01:06	12.22	43.60	28.06	8.48	8.03	42.2	3.293	94.3	3.3	0.8
1126	3/7/2016 08:16:06	12.17	43.67	28.10	8.54	8.04	61.2	3.396	94.9	3.6	0.9
1127	3/7/2016 08:31:06	12.16	43.96	28.31	8.56	8.05	55.1	3.481	95.3	3.2	0.8
1128	3/7/2016 08:46:06	12.15	44.12	28.42	8.66	8.06	64.2	3.593	96.4	3.3	0.8
1129	3/7/2016 09:01:07	12.12	44.58	28.76	8.76	8.07	80.1	3.682	97.6	4.1	1.0
1130	3/7/2016 09:16:06	12.11	44.78	28.90	8.77	8.08	141.7	3.745	97.8	5.3	1.3
1131	3/7/2016 09:31:06	12.09	44.92	29.00	8.87	8.09	131.7	3.810	98.9	5.0	1.2
1132	3/7/2016 09:46:06	12.09	45.06	29.09	8.92	8.10	119.6	3.874	99.6	4.8	1.1
1133	3/7/2016 10:01:06	12.10	45.23	29.22	8.95	8.10	73.6	3.893	100.0	3.4	0.8
1134	3/7/2016 10:16:06	12.10	45.25	29.23	8.88	8.10	44.2	3.935	99.2	2.9	0.7
1135	3/7/2016 10:31:06	12.11	45.26	29.24	8.78	8.10	42.1	3.924	98.2	2.2	0.5
1136	3/7/2016 10:46:06	12.11	45.22	29.21	8.85	8.10	57.2	3.910	98.8	3.5	0.8
1137	3/7/2016 11:01:06	12.20	44.80	28.91	8.78	8.09	56.0	3.849	98.1	3.3	0.8
1138	3/7/2016 11:16:06	12.23	44.60	28.77	8.78	8.08	39.7	3.795	98.1	2.9	0.7
1139	3/7/2016 11:31:06	12.41	44.31	28.57	8.71	8.07	38.5	3.678	97.5	2.9	0.7
1140	3/7/2016 11:46:06	12.48	44.30	28.56	8.66	8.06	31.4	3.582	97.2	2.7	0.6
1141	3/7/2016 12:01:06	12.54	43.68	28.13	8.57	8.03	23.0	3.477	96.0	3.3	0.8
1142	3/7/2016 12:16:06	12.50	43.30	27.86	8.52	8.03	28.8	3.375	95.2	3.3	0.8
1143	3/7/2016 12:31:07	12.54	43.16	27.76	8.53	8.02	30.6	3.262	95.3	3.4	0.8
1144	3/7/2016 12:46:06	12.57	43.04	27.67	8.47	8.01	27.2	3.131	94.7	3.0	0.7
1145	3/7/2016 13:01:06	12.63	42.97	27.63	8.46	8.01	27.5	3.025	94.7	3.3	0.8
1146	3/7/2016 13:16:06	12.73	42.98	27.63	8.58	8.02	23.9	2.904	96.2	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
1147	3/7/2016 13:31:06	12.84	43.05	27.69	8.63	8.02	20.0	2.779	97.0	3.4	0.8
1148	3/7/2016 13:46:06	12.90	43.12	27.74	8.65	8.02	23.0	2.643	97.4	3.6	0.9
1149	3/7/2016 14:01:07	13.01	43.09	27.72	8.66	8.03	26.8	2.526	97.7	3.1	0.7
1150	3/7/2016 14:16:06	12.97	42.49	27.30	8.68	8.01	29.6	2.384	97.5	4.1	1.0
1151	3/7/2016 14:31:06	12.99	42.36	27.21	8.66	8.01	30.7	2.251	97.4	4.3	1.0
1152	3/7/2016 14:46:06	12.92	42.11	27.02	8.64	8.00	34.6	2.120	96.9	4.1	1.0
1153	3/7/2016 15:01:06	12.93	42.15	27.05	8.65	8.00	37.5	1.989	97.1	4.1	1.0
1154	3/7/2016 15:16:06	12.96	42.13	27.04	8.67	8.00	40.5	1.849	97.2	4.3	1.0
1155	3/7/2016 15:31:06	12.97	42.13	27.04	8.60	8.00	44.1	1.732	96.5	4.2	1.0
1156	3/7/2016 15:46:06	12.99	42.18	27.07	8.64	8.00	42.6	1.625	97.1	4.8	1.1
1157	3/7/2016 16:01:06	12.99	42.16	27.06	8.58	8.00	41.8	1.510	96.4	5.0	1.2
1158	3/7/2016 16:16:06	13.06	42.14	27.05	8.63	8.00	29.2	1.436	97.0	4.5	1.1
1159	3/7/2016 16:31:06	13.02	42.16	27.06	8.60	8.00	21.7	1.384	96.6	3.7	0.9
1160	3/7/2016 16:46:06	13.01	42.15	27.05	8.54	8.00	21.4	1.355	96.0	3.4	0.8
1161	3/7/2016 17:01:06	13.07	42.17	27.07	8.68	8.01	20.1	1.394	97.6	3.4	0.8
1162	3/7/2016 17:16:06	13.05	42.19	27.08	8.61	8.00	20.1	1.429	96.8	3.5	0.8
1163	3/7/2016 17:31:06	13.03	42.16	27.06	8.66	8.00	25.0	1.454	97.4	4.2	1.0
1164	3/7/2016 17:46:06	12.97	42.08	27.00	8.69	8.00	24.1	1.571	97.5	3.9	0.9
1165	3/7/2016 18:01:06	12.95	41.05	26.27	8.69	7.99	30.7	1.663	97.1	4.6	1.1
1166	3/7/2016 18:16:06	12.94	40.90	26.17	8.67	7.98	32.1	1.766	96.8	4.9	1.2
1167	3/7/2016 18:31:06	12.96	40.43	25.83	8.68	7.98	20.9	1.874	96.6	4.3	1.0
1168	3/7/2016 18:46:06	12.96	40.63	25.98	8.61	7.98	18.7	1.968	96.0	4.0	1.0
1169	3/7/2016 19:01:06	12.95	41.24	26.40	8.62	7.98	26.3	2.084	96.3	4.3	1.0
1170	3/7/2016 19:16:07	12.89	41.47	26.57	8.59	7.98	29.6	2.178	95.9	4.2	1.0
1171	3/7/2016 19:31:06	12.83	41.68	26.72	8.53	7.99	29.4	2.277	95.3	4.3	1.0
1172	3/7/2016 19:46:06	12.79	41.62	26.67	8.58	7.99	28.6	2.383	95.7	3.7	0.9
1173	3/7/2016 20:01:06	12.77	41.52	26.60	8.53	7.99	31.0	2.481	95.1	4.1	1.0
1174	3/7/2016 20:16:06	12.74	41.61	26.67	8.57	7.99	39.0	2.576	95.6	3.8	0.9
1175	3/7/2016 20:31:06	12.72	41.71	26.73	8.53	7.99	39.0	2.676	95.0	3.6	0.8
1176	3/7/2016 20:46:06	12.69	41.72	26.74	8.53	7.99	40.7	2.780	95.0	4.0	0.9
1177	3/7/2016 21:01:06	12.64	41.63	26.68	8.61	8.00	46.5	2.893	95.7	4.1	1.0
1178	3/7/2016 21:16:06	12.66	42.02	26.95	8.60	8.01	73.4	2.996	95.9	5.0	1.2
1179	3/7/2016 21:31:06	12.55	42.66	27.40	8.67	8.03	84.7	3.116	96.7	5.3	1.2
1180	3/7/2016 21:46:06	12.50	43.35	27.89	8.82	8.05	94.3	3.229	98.6	4.8	1.1
1181	3/7/2016 22:01:06	12.47	43.59	28.06	8.85	8.06	110.7	3.319	99.0	5.1	1.2
1182	3/7/2016 22:16:06	12.45	43.99	28.35	8.85	8.07	125.0	3.401	99.1	5.4	1.3
1183	3/7/2016 22:31:07	12.43	44.26	28.54	8.83	8.07	113.8	3.482	99.0	5.3	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	3/7/2016 22:46:06	12.41	44.79	28.92	8.77	8.08	102.8	3.554	98.5	4.3	1.0
1185	3/7/2016 23:01:06	12.40	45.24	29.24	8.82	8.09	134.4	3.606	99.1	5.5	1.3
1186	3/7/2016 23:16:06	12.40	45.37	29.33	8.79	8.10	81.3	3.645	98.9	3.8	0.9
1187	3/7/2016 23:31:06	12.39	45.66	29.53	8.74	8.10	58.3	3.647	98.4	3.2	0.8
1188	3/7/2016 23:46:06	12.40	45.58	29.48	8.75	8.10	62.8	3.625	98.6	3.4	0.8
1189	3/8/2016 00:01:06	12.23	43.42	27.93	8.79	8.06	33.3	3.589	97.7	2.9	0.7
1190	3/8/2016 00:16:06	12.30	43.67	28.11	8.68	8.06	52.8	3.536	96.7	3.8	0.9
1191	3/8/2016 00:31:06	12.19	42.36	27.18	8.70	8.03	41.0	3.461	96.1	3.5	0.8
1192	3/8/2016 00:46:06	12.10	41.35	26.46	8.67	8.02	32.0	3.344	95.2	4.0	0.9
1193	3/8/2016 01:01:06	12.19	41.77	26.76	8.60	8.02	22.7	3.240	94.8	3.4	0.8
1194	3/8/2016 01:16:06	12.24	41.76	26.76	8.59	8.01	49.9	3.137	94.8	4.0	0.9
1195	3/8/2016 01:31:06	12.20	41.29	26.42	8.57	8.00	29.7	3.040	94.3	3.1	0.7
1196	3/8/2016 01:46:06	12.25	41.63	26.66	8.56	8.00	28.6	2.945	94.4	3.1	0.7
1197	3/8/2016 02:01:06	12.25	41.69	26.71	8.53	8.00	27.1	2.852	94.1	3.1	0.7
1198	3/8/2016 02:16:06	12.23	41.48	26.55	8.50	7.99	20.3	2.756	93.7	3.5	0.8
1199	3/8/2016 02:31:06	12.10	41.56	26.61	8.57	8.00	17.5	2.642	94.2	2.9	0.7
1200	3/8/2016 02:46:06	12.12	42.06	26.96	8.56	8.00	17.7	2.547	94.4	3.1	0.7
1201	3/8/2016 03:01:06	12.23	41.37	26.48	8.53	7.98	20.5	2.466	94.0	3.3	0.8
1202	3/8/2016 03:16:06	12.13	41.68	26.69	8.52	7.99	19.1	2.352	93.8	3.0	0.7
1203	3/8/2016 03:31:06	12.11	41.58	26.62	8.45	7.98	17.0	2.263	92.9	3.0	0.7
1204	3/8/2016 03:46:06	12.12	41.23	26.37	8.48	7.97	16.1	2.195	93.1	3.2	0.8
1205	3/8/2016 04:01:07	11.90	41.38	26.47	8.45	7.97	15.1	2.070	92.4	3.1	0.7
1206	3/8/2016 04:16:06	11.97	41.12	26.29	8.43	7.96	15.6	2.007	92.3	4.1	1.0
1207	3/8/2016 04:31:06	11.89	41.26	26.39	8.48	7.96	17.7	1.938	92.7	3.5	0.8
1208	3/8/2016 04:46:06	11.90	41.28	26.40	8.46	7.96	16.8	1.926	92.4	3.8	0.9
1209	3/8/2016 05:01:06	11.95	41.11	26.29	8.46	7.96	15.2	1.899	92.5	3.9	0.9
1210	3/8/2016 05:16:07	11.91	41.17	26.33	8.45	7.96	15.0	1.897	92.4	3.4	0.8
1211	3/8/2016 05:31:06	11.97	41.09	26.27	8.43	7.96	16.2	1.944	92.2	3.3	0.8
1212	3/8/2016 05:46:06	12.02	40.66	25.97	8.41	7.96	16.6	2.003	91.9	3.3	0.8
1213	3/8/2016 06:01:06	12.10	40.44	25.82	8.47	7.95	16.2	2.067	92.6	3.1	0.7
1214	3/8/2016 06:16:06	12.16	40.46	25.83	8.46	7.95	18.3	2.188	92.6	3.1	0.7
1215	3/8/2016 06:31:06	12.19	40.55	25.90	8.40	7.96	20.8	2.274	92.1	3.8	0.9
1216	3/8/2016 06:46:06	12.20	40.61	25.94	8.40	7.96	25.8	2.326	92.1	3.6	0.8
1217	3/8/2016 07:01:06	12.21	41.14	26.31	8.44	7.98	26.4	2.436	92.8	3.5	0.8
1218	3/8/2016 07:16:06	12.27	41.66	26.69	8.53	7.99	36.2	2.534	94.2	3.5	0.8
1219	3/8/2016 07:31:06	12.31	42.08	26.98	8.51	8.00	29.1	2.614	94.2	3.3	0.8
1220	3/8/2016 07:46:06	12.27	42.12	27.01	8.56	8.00	27.3	2.723	94.7	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
1221	3/8/2016 08:01:06	12.24	42.07	26.97	8.52	8.00	29.2	2.804	94.1	3.0	0.7
1222	3/8/2016 08:16:06	12.22	42.28	27.12	8.60	8.01	42.0	2.904	95.0	3.4	0.8
	Mean	12.57	45.00	29.08	8.53	8.05	9.06	2.72	96.17	2.48	0.59
	Minimum	11.67	40.43	25.82	8.10	7.95	2.50	1.36	90.20	1.10	0.30
	Maximum	13.85	47.85	31.11	9.24	8.12	141.70	3.94	104.80	5.50	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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	3/8/2016 09:00:59	12.33	41.00	26.22	8.70	7.95	50.5	3.297	95.9	3.5	0.8
1	3/8/2016 09:16:37	12.30	41.61	26.65	8.72	7.97	58.3	3.415	96.3	3.5	0.8
2	3/8/2016 09:31:38	12.27	42.47	27.25	8.81	8.00	72.5	3.537	97.6	3.6	0.9
3	3/8/2016 09:45:59	12.23	42.94	27.59	8.87	8.01	67.7	3.624	98.4	3.8	0.9
4	3/8/2016 10:01:00	12.21	42.95	27.60	8.94	8.02	67.6	3.720	99.1	3.9	0.9
5	3/8/2016 10:15:59	12.20	43.09	27.70	8.96	8.02	57.1	3.808	99.4	3.5	0.8
6	3/8/2016 10:31:38	12.17	43.06	27.67	8.94	8.03	46.5	3.892	99.1	2.7	0.6
7	3/8/2016 10:46:00	12.18	43.15	27.74	8.95	8.03	44.3	3.928	99.2	2.6	0.6
8	3/8/2016 11:00:59	12.18	42.87	27.54	8.96	8.03	39.6	3.973	99.2	2.5	0.6
9	3/8/2016 11:16:00	12.17	43.16	27.75	8.94	8.03	25.5	3.991	99.2	2.4	0.6
10	3/8/2016 11:30:59	12.17	43.01	27.64	8.89	8.03	31.1	3.959	98.5	2.3	0.5
11	3/8/2016 11:45:59	12.18	42.73	27.44	8.91	8.03	38.1	3.949	98.6	2.6	0.6
12	3/8/2016 12:00:59	12.23	42.12	27.01	8.82	8.00	19.8	3.882	97.4	2.1	0.5
13	3/8/2016 12:16:00	12.24	41.91	26.86	8.83	7.99	17.6	3.786	97.5	2.5	0.6
14	3/8/2016 12:31:00	12.22	41.00	26.22	8.76	7.97	16.7	3.688	96.3	3.1	0.7
15	3/8/2016 12:46:00	12.30	40.89	26.14	8.69	7.96	17.8	3.574	95.6	2.5	0.6
16	3/8/2016 13:01:00	12.32	40.75	26.04	8.68	7.96	24.8	3.449	95.5	3.4	0.8
17	3/8/2016 13:16:00	12.25	40.82	26.09	8.72	7.96	25.0	3.343	95.8	2.8	0.7
18	3/8/2016 13:31:00	12.32	40.48	25.85	8.69	7.95	23.9	3.215	95.5	2.9	0.7
19	3/8/2016 13:46:00	12.35	40.49	25.86	8.67	7.94	21.7	3.072	95.4	3.2	0.8
20	3/8/2016 14:01:00	12.36	40.05	25.55	8.69	7.93	17.7	2.941	95.4	3.1	0.7
21	3/8/2016 14:15:59	12.37	39.95	25.48	8.68	7.93	16.8	2.825	95.3	3.2	0.8
22	3/8/2016 14:31:00	12.39	40.00	25.52	8.71	7.93	17.7	2.671	95.7	3.4	0.8
23	3/8/2016 14:46:00	12.39	39.87	25.42	8.68	7.92	20.0	2.553	95.2	3.5	0.8
24	3/8/2016 15:01:00	12.42	39.86	25.41	8.69	7.92	22.8	2.414	95.4	3.0	0.7
25	3/8/2016 15:16:00	12.36	39.28	25.01	8.66	7.90	22.4	2.252	94.8	3.6	0.8
26	3/8/2016 15:31:00	12.32	38.94	24.77	8.69	7.90	22.5	2.128	94.8	3.8	0.9
27	3/8/2016 15:46:00	12.23	38.78	24.65	8.72	7.89	22.0	1.973	94.9	4.5	1.1
28	3/8/2016 16:01:00	12.24	38.76	24.64	8.74	7.89	24.0	1.843	95.1	4.6	1.1
29	3/8/2016 16:16:00	12.23	38.65	24.56	8.73	7.88	26.2	1.715	95.0	4.2	1.0
30	3/8/2016 16:31:00	12.22	38.59	24.52	8.71	7.88	23.9	1.559	94.7	4.1	1.0
31	3/8/2016 16:46:00	12.20	38.55	24.49	8.70	7.88	23.0	1.481	94.6	4.6	1.1
32	3/8/2016 17:00:59	12.20	38.28	24.30	8.70	7.87	28.5	1.411	94.4	4.1	1.0
33	3/8/2016 17:16:00	12.18	38.27	24.30	8.67	7.87	34.0	1.331	94.1	5.1	1.2
34	3/8/2016 17:31:00	12.17	38.36	24.36	8.63	7.88	21.3	1.335	93.7	4.4	1.0
35	3/8/2016 17:46:00	12.17	38.30	24.32	8.75	7.87	24.7	1.371	95.0	4.7	1.1
36	3/8/2016 18:01:00	12.18	38.46	24.43	8.73	7.87	17.1	1.394	94.8	4.4	1.0

sonde #1

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	3/8/2016 18:16:00	12.15	38.44	24.41	8.73	7.87	15.6	1.510	94.8	4.2	1.0
38	3/8/2016 18:31:00	12.13	37.92	24.05	8.73	7.87	15.9	1.601	94.5	4.4	1.0
39	3/8/2016 18:46:00	12.09	37.38	23.67	8.72	7.86	16.9	1.685	94.1	4.4	1.0
40	3/8/2016 19:01:00	12.13	37.58	23.81	8.70	7.86	17.8	1.832	94.0	4.8	1.1
41	3/8/2016 19:16:00	12.14	37.75	23.93	8.68	7.86	20.2	1.916	93.9	4.8	1.1
42	3/8/2016 19:31:00	12.20	38.19	24.24	8.64	7.87	23.3	2.017	93.7	4.7	1.1
43	3/8/2016 19:46:00	12.25	38.67	24.58	8.60	7.88	20.7	2.138	93.7	4.3	1.0
44	3/8/2016 20:01:00	12.28	38.88	24.73	8.58	7.88	22.8	2.231	93.6	4.1	1.0
45	3/8/2016 20:16:00	12.29	39.03	24.83	8.58	7.88	19.2	2.342	93.6	4.4	1.0
46	3/8/2016 20:31:39	12.25	38.84	24.69	8.60	7.88	21.4	2.458	93.7	3.5	0.8
47	3/8/2016 20:45:59	12.27	39.29	25.01	8.62	7.89	24.7	2.585	94.1	3.5	0.8
48	3/8/2016 21:01:00	12.28	39.39	25.08	8.63	7.90	24.5	2.701	94.3	3.9	0.9
49	3/8/2016 21:16:00	12.27	39.72	25.32	8.63	7.90	32.2	2.778	94.4	4.1	1.0
50	3/8/2016 21:31:00	12.26	39.80	25.37	8.67	7.92	41.4	2.893	94.9	3.9	0.9
51	3/8/2016 21:46:00	12.25	40.27	25.70	8.68	7.92	44.0	3.018	95.2	3.8	0.9
52	3/8/2016 22:01:00	12.24	40.75	26.04	8.77	7.95	53.8	3.129	96.4	3.9	0.9
53	3/8/2016 22:16:00	12.20	41.51	26.57	8.82	7.97	63.9	3.250	97.1	4.0	0.9
54	3/8/2016 22:31:00	12.18	41.89	26.84	8.86	7.98	61.8	3.377	97.7	3.6	0.8
55	3/8/2016 22:46:00	12.18	42.20	27.07	8.86	7.98	56.4	3.468	97.8	4.2	1.0
56	3/8/2016 23:01:00	12.17	42.36	27.18	8.91	7.99	54.6	3.573	98.5	3.6	0.8
57	3/8/2016 23:16:00	12.16	42.66	27.39	8.96	8.00	53.1	3.685	99.1	3.3	0.8
58	3/8/2016 23:31:00	12.15	42.72	27.43	9.00	8.01	55.5	3.746	99.5	3.2	0.8
59	3/8/2016 23:46:00	12.15	42.74	27.44	9.00	8.01	47.0	3.796	99.6	3.2	0.7
60	3/9/2016 00:01:00	12.15	42.72	27.43	8.98	8.01	36.0	3.828	99.3	2.8	0.7
61	3/9/2016 00:16:00	12.14	42.42	27.22	8.91	8.01	25.6	3.843	98.4	1.9	0.4
62	3/9/2016 00:31:00	12.14	42.61	27.35	8.94	8.01	30.6	3.838	98.8	3.1	0.7
63	3/9/2016 00:46:00	12.13	42.80	27.49	8.97	8.01	42.7	3.763	99.2	2.4	0.6
64	3/9/2016 01:01:00	12.10	41.52	26.58	8.83	7.97	20.8	3.692	97.0	2.3	0.5
65	3/9/2016 01:16:00	12.11	41.47	26.54	8.80	7.97	20.0	3.622	96.7	2.3	0.5
66	3/9/2016 01:31:00	12.13	41.27	26.41	8.77	7.96	25.9	3.523	96.3	2.7	0.6
67	3/9/2016 01:46:00	12.14	40.42	25.81	8.69	7.93	28.3	3.394	95.1	3.4	0.8
68	3/9/2016 02:01:00	12.12	40.00	25.51	8.70	7.92	22.4	3.279	95.0	3.0	0.7
69	3/9/2016 02:16:00	12.11	40.13	25.60	8.68	7.92	22.1	3.167	94.8	3.0	0.7
70	3/9/2016 02:31:00	12.12	40.11	25.58	8.67	7.92	22.7	3.047	94.7	3.0	0.7
71	3/9/2016 02:46:00	12.11	39.82	25.38	8.68	7.92	19.9	2.918	94.6	3.5	0.8
72	3/9/2016 03:01:00	12.10	39.68	25.28	8.64	7.91	16.6	2.821	94.2	2.8	0.7
73	3/9/2016 03:16:00	12.10	39.83	25.39	8.63	7.91	16.0	2.689	94.1	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	3/9/2016 03:31:00	12.10	39.86	25.41	8.64	7.91	16.6	2.586	94.2	2.6	0.6
75	3/9/2016 03:46:39	12.09	39.88	25.42	8.61	7.91	17.1	2.459	93.9	2.8	0.7
76	3/9/2016 04:01:01	12.10	39.33	25.03	8.57	7.89	19.1	2.357	93.3	3.1	0.7
77	3/9/2016 04:16:00	12.09	39.08	24.86	8.55	7.88	19.8	2.254	93.0	3.4	0.8
78	3/9/2016 04:31:00	12.07	39.13	24.89	8.54	7.88	23.0	2.148	92.8	3.6	0.8
79	3/9/2016 04:45:59	12.07	38.70	24.59	8.53	7.87	20.5	2.055	92.5	3.7	0.9
80	3/9/2016 05:01:00	12.04	38.76	24.63	8.53	7.86	22.3	1.976	92.5	3.9	0.9
81	3/9/2016 05:15:59	12.02	38.56	24.49	8.54	7.86	24.9	1.887	92.5	3.4	0.8
82	3/9/2016 05:31:00	12.02	38.43	24.40	8.52	7.86	20.6	1.853	92.2	4.1	1.0
83	3/9/2016 05:45:59	12.02	38.30	24.31	8.45	7.85	15.6	1.816	91.4	3.7	0.9
84	3/9/2016 06:01:00	12.02	38.33	24.33	8.54	7.85	15.7	1.813	92.3	3.8	0.9
85	3/9/2016 06:16:00	12.02	38.28	24.30	8.55	7.85	15.1	1.849	92.5	3.9	0.9
86	3/9/2016 06:31:00	12.04	38.44	24.41	8.53	7.85	14.6	1.881	92.4	3.6	0.8
87	3/9/2016 06:46:00	12.01	37.80	23.96	8.54	7.85	14.3	1.955	92.1	3.0	0.7
88	3/9/2016 07:00:59	12.05	38.17	24.22	8.51	7.85	14.4	2.047	92.0	3.8	0.9
89	3/9/2016 07:16:00	12.05	38.16	24.22	8.49	7.85	16.9	2.138	91.8	3.6	0.8
90	3/9/2016 07:31:38	12.03	38.16	24.21	8.49	7.85	18.0	2.254	91.8	3.4	0.8
91	3/9/2016 07:46:00	12.07	38.93	24.75	8.52	7.88	18.3	2.355	92.5	3.2	0.7
92	3/9/2016 08:00:59	12.10	39.46	25.13	8.57	7.89	20.4	2.457	93.3	3.1	0.7
93	3/9/2016 08:15:59	12.12	39.65	25.26	8.59	7.90	17.0	2.583	93.7	2.4	0.6
94	3/9/2016 08:31:38	12.13	39.87	25.42	8.58	7.90	17.7	2.679	93.7	3.0	0.7
95	3/9/2016 08:45:59	12.13	39.97	25.49	8.61	7.91	19.1	2.790	94.0	3.0	0.7
96	3/9/2016 09:01:01	12.12	40.06	25.55	8.64	7.91	22.0	2.886	94.3	2.7	0.6
97	3/9/2016 09:15:59	12.12	40.19	25.64	8.66	7.92	25.8	2.992	94.6	3.5	0.8
98	3/9/2016 09:30:59	12.12	40.47	25.84	8.70	7.93	29.9	3.090	95.2	3.2	0.8
99	3/9/2016 09:45:59	12.12	40.70	26.00	8.75	7.94	33.5	3.207	95.9	2.9	0.7
100	3/9/2016 10:01:00	12.11	40.99	26.20	8.79	7.96	34.9	3.332	96.4	3.0	0.7
101	3/9/2016 10:15:59	12.10	41.28	26.41	8.84	7.97	44.8	3.444	97.0	3.0	0.7
102	3/9/2016 10:31:01	12.08	41.87	26.83	8.87	7.98	49.5	3.555	97.6	3.4	0.8
103	3/9/2016 10:46:38	12.09	42.13	27.01	8.87	7.99	49.0	3.663	97.7	2.8	0.7
104	3/9/2016 11:01:00	12.10	42.26	27.10	8.88	8.00	48.6	3.754	97.9	3.1	0.7
105	3/9/2016 11:16:00	12.12	42.48	27.26	8.88	8.00	41.9	3.842	98.1	2.4	0.6
106	3/9/2016 11:30:59	12.16	42.80	27.49	8.92	8.01	33.6	3.911	98.7	2.1	0.5
107	3/9/2016 11:46:01	12.19	42.74	27.44	8.91	8.01	31.2	3.970	98.7	2.4	0.6
108	3/9/2016 12:01:01	12.19	42.83	27.51	8.93	8.02	26.3	3.990	99.0	2.5	0.6
109	3/9/2016 12:16:40	12.19	42.60	27.35	8.83	8.01	25.3	3.992	97.6	2.0	0.5
110	3/9/2016 12:31:39	12.17	42.76	27.46	8.87	8.02	28.7	3.989	98.2	1.7	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	3/9/2016 12:46:38	12.16	42.79	27.48	8.90	8.02	36.9	3.933	98.5	2.3	0.5
112	3/9/2016 13:00:59	12.19	42.69	27.41	8.89	8.01	30.0	3.868	98.4	1.9	0.5
113	3/9/2016 13:16:00	12.26	42.23	27.08	8.85	7.99	27.7	3.777	97.9	2.6	0.6
114	3/9/2016 13:31:00	12.51	41.68	26.71	8.82	7.97	22.1	3.655	97.9	2.8	0.7
115	3/9/2016 13:46:01	12.48	41.23	26.38	8.79	7.96	22.5	3.541	97.3	2.3	0.5
116	3/9/2016 14:00:59	12.56	41.25	26.40	8.81	7.96	25.5	3.398	97.7	2.6	0.6
117	3/9/2016 14:16:39	12.54	41.39	26.50	8.80	7.97	21.4	3.264	97.6	2.7	0.6
118	3/9/2016 14:30:59	12.60	41.24	26.40	8.80	7.96	19.1	3.130	97.6	2.5	0.6
119	3/9/2016 14:46:00	12.60	41.12	26.31	8.78	7.95	18.3	3.005	97.3	2.4	0.6
120	3/9/2016 15:01:00	12.62	40.88	26.14	8.77	7.95	19.0	2.878	97.2	2.1	0.5
121	3/9/2016 15:15:59	12.60	40.87	26.14	8.78	7.95	20.9	2.756	97.2	2.7	0.6
122	3/9/2016 15:31:39	12.68	41.08	26.28	8.80	7.96	25.0	2.593	97.7	2.6	0.6
123	3/9/2016 15:46:39	12.74	40.87	26.14	8.77	7.95	30.9	2.475	97.4	3.0	0.7
124	3/9/2016 16:01:39	12.80	40.29	25.73	8.73	7.93	31.0	2.346	96.9	3.2	0.8
125	3/9/2016 16:16:39	12.86	39.57	25.23	8.73	7.91	31.0	2.220	96.7	3.5	0.8
126	3/9/2016 16:31:00	12.88	39.74	25.35	8.73	7.91	33.3	2.082	96.8	3.3	0.8
127	3/9/2016 16:46:39	12.90	39.52	25.19	8.72	7.90	33.2	1.949	96.6	3.4	0.8
128	3/9/2016 17:01:39	12.92	39.13	24.92	8.71	7.90	31.2	1.829	96.4	3.3	0.8
129	3/9/2016 17:16:39	12.94	38.85	24.72	8.70	7.89	32.0	1.719	96.3	4.2	1.0
130	3/9/2016 17:31:38	12.96	38.27	24.32	8.72	7.88	32.9	1.598	96.2	4.0	0.9
131	3/9/2016 17:46:39	12.98	38.26	24.31	8.71	7.87	30.9	1.554	96.2	3.9	0.9
132	3/9/2016 18:01:39	12.98	38.06	24.17	8.70	7.87	26.3	1.456	96.0	3.8	0.9
133	3/9/2016 18:16:38	12.98	37.95	24.09	8.72	7.87	23.4	1.486	96.1	3.9	0.9
134	3/9/2016 18:31:39	12.97	38.11	24.21	8.74	7.87	23.6	1.481	96.4	4.1	1.0
135	3/9/2016 18:46:39	12.95	38.30	24.33	8.72	7.87	26.3	1.500	96.3	3.6	0.9
136	3/9/2016 19:01:00	12.90	38.50	24.48	8.72	7.87	23.6	1.591	96.2	4.0	0.9
137	3/9/2016 19:16:00	12.90	37.72	23.93	8.75	7.87	21.4	1.689	96.2	3.9	0.9
138	3/9/2016 19:31:39	12.90	37.76	23.96	8.72	7.87	21.6	1.770	95.9	3.8	0.9
139	3/9/2016 19:46:39	12.90	37.58	23.84	8.73	7.87	21.0	1.919	95.9	3.7	0.9
140	3/9/2016 20:01:39	12.91	37.67	23.90	8.73	7.87	21.2	2.018	95.9	4.2	1.0
141	3/9/2016 20:16:39	12.88	38.71	24.62	8.70	7.89	25.4	2.139	96.0	4.1	1.0
142	3/9/2016 20:31:39	12.84	39.08	24.88	8.70	7.89	25.5	2.245	96.1	3.8	0.9
143	3/9/2016 20:46:39	12.82	39.21	24.98	8.69	7.89	25.3	2.380	96.0	3.8	0.9
144	3/9/2016 21:01:39	12.80	39.40	25.11	8.68	7.89	27.7	2.508	95.9	3.8	0.9
145	3/9/2016 21:16:39	12.75	39.65	25.28	8.69	7.90	29.7	2.621	96.0	3.6	0.9
146	3/9/2016 21:30:59	12.72	39.75	25.35	8.71	7.90	33.6	2.726	96.2	3.4	0.8
147	3/9/2016 21:46:40	12.69	39.95	25.49	8.72	7.91	34.6	2.839	96.4	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	3/9/2016 22:01:00	12.64	40.18	25.65	8.77	7.93	37.4	2.955	96.9	3.4	0.8
149	3/9/2016 22:16:39	12.60	40.63	25.97	8.79	7.94	37.5	3.120	97.2	3.7	0.9
150	3/9/2016 22:31:39	12.56	41.12	26.31	8.83	7.96	48.0	3.226	97.8	3.3	0.8
151	3/9/2016 22:46:39	12.54	41.55	26.61	8.84	7.96	46.2	3.339	98.1	3.7	0.9
152	3/9/2016 23:01:40	12.53	41.67	26.70	8.83	7.97	50.0	3.491	98.0	3.5	0.8
153	3/9/2016 23:16:39	12.49	41.96	26.90	8.88	7.98	46.7	3.613	98.6	3.0	0.7
154	3/9/2016 23:31:39	12.44	42.28	27.13	8.96	7.99	43.2	3.697	99.5	2.9	0.7
155	3/9/2016 23:46:00	12.41	42.44	27.24	9.01	8.00	37.9	3.805	100.1	2.9	0.7
156	3/10/2016 00:01:39	12.37	42.38	27.20	9.07	8.01	36.7	3.902	100.7	2.6	0.6
157	3/10/2016 00:16:39	12.36	42.45	27.25	9.04	8.01	29.4	3.948	100.3	2.4	0.6
158	3/10/2016 00:31:39	12.36	42.49	27.28	9.00	8.01	27.1	4.014	99.9	2.1	0.5
159	3/10/2016 00:46:39	12.36	42.43	27.24	8.93	8.01	21.2	4.043	99.1	1.8	0.4
160	3/10/2016 01:01:39	12.41	41.93	26.88	8.89	7.99	24.9	4.043	98.6	2.4	0.6
161	3/10/2016 01:16:00	12.39	42.29	27.13	8.96	8.00	29.4	4.021	99.4	2.2	0.5
162	3/10/2016 01:31:00	12.44	42.26	27.11	8.92	7.98	29.2	3.961	99.1	2.7	0.6
163	3/10/2016 01:45:59	12.47	41.69	26.71	8.91	7.98	23.6	3.875	98.8	3.0	0.7
164	3/10/2016 02:01:40	12.43	41.74	26.75	8.96	7.98	20.3	3.770	99.3	2.2	0.5
165	3/10/2016 02:16:40	12.43	41.59	26.64	8.95	7.98	21.6	3.637	99.1	2.9	0.7
166	3/10/2016 02:31:39	12.48	41.41	26.51	8.88	7.97	29.6	3.548	98.4	2.5	0.6
167	3/10/2016 02:46:39	12.56	39.97	25.50	8.81	7.94	22.5	3.424	97.1	2.9	0.7
168	3/10/2016 03:01:39	12.57	39.86	25.42	8.80	7.94	26.7	3.290	97.0	3.2	0.8
169	3/10/2016 03:16:39	12.59	39.56	25.21	8.76	7.93	22.3	3.171	96.5	3.2	0.8
170	3/10/2016 03:31:39	12.60	39.53	25.19	8.73	7.93	25.2	3.066	96.2	3.1	0.7
171	3/10/2016 03:46:39	12.60	39.70	25.31	8.71	7.93	24.5	2.931	96.0	3.5	0.8
172	3/10/2016 04:01:39	12.62	39.40	25.10	8.68	7.92	22.5	2.797	95.6	2.5	0.6
173	3/10/2016 04:16:40	12.63	39.28	25.01	8.66	7.92	27.6	2.699	95.3	2.9	0.7
174	3/10/2016 04:31:39	12.64	39.16	24.93	8.65	7.91	22.8	2.562	95.2	2.9	0.7
175	3/10/2016 04:46:40	12.61	39.07	24.87	8.65	7.91	21.3	2.437	95.0	2.7	0.6
176	3/10/2016 05:01:39	12.65	39.14	24.92	8.61	7.90	22.3	2.355	94.8	3.0	0.7
177	3/10/2016 05:16:40	12.60	39.18	24.94	8.61	7.90	20.2	2.221	94.7	3.0	0.7
178	3/10/2016 05:31:39	12.65	38.96	24.80	8.57	7.89	21.7	2.104	94.2	3.4	0.8
179	3/10/2016 05:46:38	12.67	38.75	24.65	8.56	7.89	22.2	2.003	94.1	3.5	0.8
180	3/10/2016 06:01:39	12.66	38.57	24.52	8.56	7.88	20.8	1.893	93.9	3.9	0.9
181	3/10/2016 06:16:39	12.68	38.47	24.45	8.53	7.88	21.6	1.813	93.6	3.6	0.9
182	3/10/2016 06:31:39	12.67	38.43	24.42	8.49	7.88	21.1	1.799	93.2	4.1	1.0
183	3/10/2016 06:46:39	12.67	38.49	24.47	8.44	7.88	19.4	1.742	92.7	3.6	0.8
184	3/10/2016 07:01:39	12.67	38.34	24.36	8.49	7.87	18.2	1.753	93.1	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	3/10/2016 07:16:40	12.66	38.44	24.43	8.52	7.88	19.3	1.776	93.5	4.1	1.0
186	3/10/2016 07:31:39	12.67	38.53	24.49	8.54	7.88	17.7	1.835	93.8	3.1	0.7
187	3/10/2016 07:46:39	12.63	38.03	24.14	8.53	7.87	18.6	1.946	93.3	3.4	0.8
188	3/10/2016 08:01:39	12.64	37.97	24.10	8.53	7.87	18.0	2.022	93.4	3.3	0.8
189	3/10/2016 08:16:38	12.64	38.10	24.19	8.53	7.87	20.0	2.161	93.4	2.7	0.6
190	3/10/2016 08:31:39	12.64	38.11	24.19	8.54	7.88	22.4	2.267	93.5	3.2	0.8
191	3/10/2016 08:46:39	12.64	38.21	24.27	8.55	7.88	20.6	2.373	93.6	2.8	0.7
192	3/10/2016 09:01:39	12.64	38.79	24.67	8.56	7.89	26.0	2.497	94.0	3.1	0.7
193	3/10/2016 09:16:39	12.63	39.22	24.98	8.60	7.90	27.5	2.587	94.7	3.1	0.7
194	3/10/2016 09:31:39	12.65	39.49	25.16	8.62	7.90	23.5	2.679	95.0	2.8	0.7
195	3/10/2016 09:46:39	12.65	39.36	25.07	8.62	7.90	23.8	2.775	95.0	3.2	0.8
196	3/10/2016 10:01:39	12.64	39.33	25.05	8.63	7.91	24.2	2.869	95.0	3.1	0.7
197	3/10/2016 10:16:39	12.61	39.50	25.17	8.64	7.91	28.3	2.970	95.1	3.1	0.7
198	3/10/2016 10:31:38	12.61	39.58	25.23	8.68	7.92	31.7	3.063	95.6	3.5	0.8
199	3/10/2016 10:46:39	12.59	40.02	25.53	8.72	7.93	30.2	3.160	96.2	2.9	0.7
200	3/10/2016 11:01:39	12.57	40.60	25.95	8.75	7.94	34.0	3.306	96.8	3.5	0.8
201	3/10/2016 11:16:39	12.52	41.31	26.44	8.85	7.96	39.6	3.439	98.0	2.9	0.7
202	3/10/2016 11:31:40	12.51	41.80	26.79	8.88	7.97	40.7	3.512	98.6	3.1	0.7
203	3/10/2016 11:46:39	12.52	41.97	26.91	8.89	7.98	36.1	3.623	98.7	2.6	0.6
204	3/10/2016 12:01:39	12.54	41.95	26.90	8.90	7.98	34.4	3.717	98.9	2.1	0.5
205	3/10/2016 12:16:39	12.52	42.34	27.17	8.91	7.98	35.7	3.791	99.2	2.4	0.6
206	3/10/2016 12:31:39	12.53	42.41	27.22	8.92	7.99	30.1	3.835	99.3	2.4	0.6
207	3/10/2016 12:46:39	12.50	42.41	27.22	8.97	7.99	28.3	3.874	99.8	2.7	0.6
208	3/10/2016 13:01:39	12.51	42.74	27.45	8.94	7.99	16.3	3.900	99.6	2.3	0.5
209	3/10/2016 13:16:39	12.51	42.65	27.40	8.90	7.99	22.2	3.887	99.2	2.1	0.5
210	3/10/2016 13:31:39	12.53	42.51	27.29	8.90	7.99	26.5	3.827	99.1	2.5	0.6
211	3/10/2016 13:46:38	12.77	41.46	26.56	8.80	7.97	16.7	3.767	98.1	1.7	0.4
212	3/10/2016 14:01:39	12.82	41.39	26.51	8.81	7.96	16.9	3.679	98.2	2.5	0.6
213	3/10/2016 14:16:39	12.97	41.09	26.30	8.82	7.96	15.0	3.596	98.5	2.5	0.6
214	3/10/2016 14:31:39	13.03	40.62	25.97	8.78	7.95	14.9	3.475	98.1	2.3	0.5
215	3/10/2016 14:46:39	12.99	40.67	26.00	8.77	7.95	17.0	3.351	97.9	2.8	0.7
216	3/10/2016 15:01:39	13.18	39.79	25.39	8.72	7.93	19.3	3.217	97.3	2.6	0.6
217	3/10/2016 15:16:39	13.35	39.32	25.06	8.68	7.92	18.1	3.092	97.1	2.8	0.7
218	3/10/2016 15:31:39	13.20	39.36	25.09	8.66	7.92	17.8	2.978	96.5	2.5	0.6
219	3/10/2016 15:46:39	13.23	39.06	24.87	8.63	7.91	16.9	2.860	96.1	2.4	0.6
220	3/10/2016 16:01:39	13.23	39.16	24.95	8.64	7.91	16.9	2.739	96.3	2.5	0.6
221	3/10/2016 16:16:39	13.26	39.04	24.86	8.65	7.92	15.8	2.621	96.4	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	3/10/2016 16:31:39	13.13	39.40	25.11	8.67	7.92	13.7	2.483	96.4	2.4	0.6
223	3/10/2016 16:46:39	13.11	39.30	25.04	8.65	7.91	15.0	2.347	96.2	2.4	0.6
224	3/10/2016 17:01:40	13.15	39.20	24.97	8.64	7.91	13.0	2.244	96.1	3.0	0.7
225	3/10/2016 17:16:39	13.19	38.70	24.63	8.60	7.90	13.7	2.120	95.5	3.2	0.7
226	3/10/2016 17:31:39	13.23	38.83	24.72	8.63	7.91	13.2	1.978	96.0	3.0	0.7
227	3/10/2016 17:46:39	13.25	38.80	24.69	8.62	7.90	13.9	1.869	95.9	3.0	0.7
228	3/10/2016 18:01:39	13.28	38.67	24.61	8.56	7.89	14.7	1.792	95.3	3.0	0.7
229	3/10/2016 18:16:39	13.31	38.48	24.47	8.57	7.89	14.4	1.684	95.4	3.4	0.8
230	3/10/2016 18:31:39	13.34	38.27	24.33	8.54	7.89	13.8	1.638	94.9	4.0	1.0
231	3/10/2016 18:46:39	13.35	38.30	24.35	8.50	7.88	12.7	1.553	94.6	3.4	0.8
232	3/10/2016 19:01:39	13.36	38.18	24.26	8.51	7.88	12.2	1.584	94.7	3.9	0.9
233	3/10/2016 19:16:39	13.33	38.27	24.33	8.55	7.88	12.5	1.605	95.0	3.9	0.9
234	3/10/2016 19:31:40	13.32	38.23	24.30	8.55	7.88	12.3	1.640	95.0	3.9	0.9
235	3/10/2016 19:46:39	13.30	38.04	24.16	8.55	7.88	12.8	1.724	94.9	3.5	0.8
236	3/10/2016 20:01:40	13.25	36.60	23.16	8.62	7.87	16.2	1.838	95.0	4.2	1.0
237	3/10/2016 20:16:39	13.19	36.28	22.94	8.62	7.86	17.9	1.950	94.8	4.4	1.0
238	3/10/2016 20:31:39	13.20	37.00	23.43	8.58	7.87	19.5	2.053	94.7	4.0	0.9
239	3/10/2016 20:46:39	13.16	37.56	23.83	8.59	7.88	24.7	2.179	94.9	3.9	0.9
240	3/10/2016 21:01:40	13.10	37.68	23.90	8.61	7.88	20.2	2.298	95.1	3.8	0.9
241	3/10/2016 21:16:39	13.05	38.39	24.40	8.60	7.89	21.6	2.413	95.1	3.1	0.7
242	3/10/2016 21:31:39	13.06	38.52	24.49	8.60	7.89	19.1	2.510	95.2	3.5	0.8
243	3/10/2016 21:46:39	13.03	38.23	24.29	8.62	7.90	18.0	2.627	95.2	3.1	0.7
244	3/10/2016 22:01:39	13.03	38.44	24.44	8.63	7.90	20.3	2.736	95.4	3.9	0.9
245	3/10/2016 22:16:39	13.02	38.76	24.66	8.64	7.91	25.5	2.825	95.6	3.6	0.8
246	3/10/2016 22:31:38	12.96	38.84	24.71	8.69	7.92	28.5	2.962	96.1	3.3	0.8
247	3/10/2016 22:46:39	12.91	39.33	25.06	8.71	7.92	28.1	3.071	96.4	3.5	0.8
248	3/10/2016 23:01:39	12.85	40.65	25.99	8.76	7.94	34.1	3.187	97.5	3.5	0.8
249	3/10/2016 23:16:39	12.79	41.67	26.71	8.83	7.96	30.5	3.303	98.5	3.1	0.7
250	3/10/2016 23:31:39	12.77	42.02	26.95	8.89	7.97	31.4	3.411	99.3	2.6	0.6
251	3/10/2016 23:46:39	12.75	42.12	27.03	8.90	7.98	31.9	3.549	99.5	2.5	0.6
252	3/11/2016 00:01:40	12.75	42.31	27.16	8.91	7.98	30.3	3.665	99.6	1.9	0.4
253	3/11/2016 00:16:39	12.72	42.13	27.03	8.93	7.99	33.9	3.774	99.8	3.1	0.7
254	3/11/2016 00:31:39	12.66	42.34	27.18	8.99	8.00	44.9	3.849	100.3	2.6	0.6
255	3/11/2016 00:46:39	12.58	42.33	27.17	9.03	8.01	55.2	3.947	100.7	3.0	0.7
256	3/11/2016 01:01:40	12.55	42.55	27.33	9.07	8.01	53.9	3.997	101.1	2.6	0.6
257	3/11/2016 01:16:40	12.54	42.55	27.32	9.05	8.02	41.5	4.022	100.9	2.7	0.6
258	3/11/2016 01:31:39	12.53	42.49	27.28	8.92	8.01	25.0	4.052	99.4	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	3/11/2016 01:46:40	12.67	41.99	26.93	8.86	7.99	23.4	4.032	98.8	2.9	0.7
260	3/11/2016 02:01:39	12.57	42.47	27.27	8.96	8.01	45.8	3.978	99.9	2.6	0.6
261	3/11/2016 02:16:40	12.67	42.13	27.03	8.91	7.99	26.6	3.910	99.3	2.2	0.5
262	3/11/2016 02:31:39	12.64	40.88	26.14	8.90	7.98	18.4	3.817	98.6	2.3	0.5
263	3/11/2016 02:46:39	12.64	40.04	25.55	8.82	7.96	15.9	3.681	97.4	2.3	0.5
264	3/11/2016 03:01:39	12.72	39.78	25.37	8.76	7.95	16.9	3.561	96.8	3.0	0.7
265	3/11/2016 03:16:39	12.78	39.48	25.16	8.67	7.93	18.0	3.435	95.9	2.6	0.6
266	3/11/2016 03:31:39	12.80	39.37	25.08	8.62	7.92	16.2	3.299	95.3	2.8	0.7
267	3/11/2016 03:46:40	12.80	39.35	25.07	8.62	7.92	13.9	3.171	95.2	2.9	0.7
268	3/11/2016 04:01:40	12.83	39.39	25.10	8.59	7.92	16.2	3.030	95.0	2.8	0.7
269	3/11/2016 04:16:39	12.85	39.23	24.99	8.56	7.91	20.0	2.910	94.6	2.8	0.7
270	3/11/2016 04:31:40	12.87	38.98	24.81	8.53	7.91	19.5	2.765	94.3	3.7	0.9
271	3/11/2016 04:46:39	12.86	38.63	24.57	8.51	7.90	16.3	2.645	93.8	2.8	0.7
272	3/11/2016 05:01:40	12.86	38.58	24.53	8.49	7.90	15.5	2.516	93.6	2.6	0.6
273	3/11/2016 05:16:39	12.84	38.45	24.44	8.48	7.89	16.3	2.389	93.4	2.9	0.7
274	3/11/2016 05:31:39	12.88	38.34	24.36	8.44	7.88	16.4	2.257	93.0	2.8	0.7
275	3/11/2016 05:46:40	12.90	38.29	24.33	8.40	7.88	17.2	2.144	92.6	3.2	0.7
276	3/11/2016 06:01:40	12.91	38.12	24.21	8.39	7.87	20.7	2.023	92.4	3.4	0.8
277	3/11/2016 06:16:40	12.91	38.17	24.24	8.37	7.87	18.3	1.903	92.2	3.4	0.8
278	3/11/2016 06:31:40	12.96	38.01	24.13	8.35	7.86	19.0	1.804	92.1	3.4	0.8
279	3/11/2016 06:46:39	12.87	38.03	24.15	8.35	7.86	22.9	1.714	91.8	3.2	0.8
280	3/11/2016 07:01:39	12.90	37.90	24.06	8.34	7.86	22.0	1.632	91.7	3.3	0.8
281	3/11/2016 07:16:40	12.95	37.75	23.96	8.32	7.86	18.5	1.581	91.5	3.7	0.9
282	3/11/2016 07:31:40	12.98	37.63	23.87	8.26	7.85	15.8	1.555	90.9	3.4	0.8
283	3/11/2016 07:46:39	12.99	37.64	23.87	8.31	7.85	14.0	1.568	91.5	3.4	0.8
284	3/11/2016 08:01:39	12.96	37.82	24.00	8.33	7.86	13.9	1.594	91.7	2.9	0.7
285	3/11/2016 08:16:40	12.97	37.78	23.97	8.34	7.86	12.6	1.651	91.8	3.2	0.8
286	3/11/2016 08:31:40	12.89	36.52	23.09	8.37	7.84	13.6	1.741	91.5	3.4	0.8
287	3/11/2016 08:46:39	12.89	36.58	23.14	8.36	7.84	14.0	1.846	91.4	3.4	0.8
288	3/11/2016 09:01:39	12.91	37.33	23.66	8.34	7.85	16.7	1.973	91.5	3.2	0.7
289	3/11/2016 09:16:39	12.91	37.45	23.74	8.34	7.85	23.6	2.069	91.6	3.6	0.8
290	3/11/2016 09:31:40	12.87	37.85	24.02	8.37	7.87	20.1	2.183	92.0	3.1	0.7
291	3/11/2016 09:46:40	12.85	38.36	24.37	8.45	7.88	22.5	2.302	93.0	3.1	0.7
292	3/11/2016 10:01:39	12.85	38.52	24.49	8.49	7.89	19.2	2.402	93.5	3.4	0.8
293	3/11/2016 10:16:40	12.87	38.79	24.68	8.48	7.89	16.4	2.511	93.6	2.4	0.6
294	3/11/2016 10:31:39	12.86	38.89	24.75	8.49	7.90	17.1	2.615	93.7	3.0	0.7
295	3/11/2016 10:46:39	12.83	38.91	24.76	8.50	7.90	18.3	2.742	93.8	3.3	0.8

sonde #1

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	3/11/2016 11:01:39	12.82	38.92	24.77	8.51	7.90	24.7	2.831	93.9	3.4	0.8
297	3/11/2016 11:16:39	12.78	39.07	24.88	8.57	7.91	26.0	2.957	94.5	2.9	0.7
298	3/11/2016 11:31:39	12.76	39.27	25.01	8.60	7.92	28.3	3.060	94.9	3.0	0.7
299	3/11/2016 11:46:39	12.73	39.75	25.35	8.64	7.93	31.1	3.160	95.5	3.0	0.7
300	3/11/2016 12:01:40	12.66	40.75	26.05	8.71	7.96	43.5	3.277	96.5	3.4	0.8
301	3/11/2016 12:16:39	12.62	41.26	26.41	8.75	7.97	45.2	3.389	97.1	3.5	0.8
302	3/11/2016 12:31:39	12.62	41.49	26.57	8.74	7.97	45.7	3.495	97.1	3.1	0.7
303	3/11/2016 12:46:39	12.61	41.55	26.61	8.73	7.98	49.8	3.590	97.0	3.0	0.7
304	3/11/2016 13:01:38	12.57	41.95	26.90	8.77	7.99	52.6	3.681	97.6	3.1	0.7
305	3/11/2016 13:16:39	12.58	42.09	27.00	8.76	7.99	45.3	3.743	97.6	2.7	0.6
306	3/11/2016 13:31:39	12.58	42.35	27.18	8.74	8.00	44.2	3.791	97.4	2.7	0.6
307	3/11/2016 13:46:39	12.57	42.30	27.15	8.76	8.00	40.0	3.825	97.6	2.9	0.7
308	3/11/2016 14:01:39	12.58	42.34	27.17	8.65	8.00	29.6	3.840	96.4	2.4	0.6
309	3/11/2016 14:16:39	12.57	42.44	27.25	8.71	8.00	39.5	3.824	97.1	2.4	0.6
310	3/11/2016 14:31:39	12.56	42.49	27.28	8.72	8.00	53.6	3.762	97.2	2.4	0.6
311	3/11/2016 14:46:39	12.74	40.87	26.14	8.65	7.96	15.9	3.703	96.1	2.9	0.7
312	3/11/2016 15:01:39	12.76	40.52	25.89	8.63	7.96	15.5	3.608	95.7	2.8	0.7
313	3/11/2016 15:16:39	12.82	39.06	24.87	8.60	7.93	14.4	3.508	95.0	2.2	0.5
314	3/11/2016 15:31:39	12.78	39.56	25.22	8.61	7.94	18.9	3.394	95.1	2.5	0.6
315	3/11/2016 15:46:39	12.78	39.63	25.27	8.60	7.94	22.0	3.277	95.0	2.9	0.7
316	3/11/2016 16:01:39	12.80	39.26	25.00	8.58	7.93	23.1	3.162	94.7	3.3	0.8
317	3/11/2016 16:16:39	12.86	38.53	24.50	8.55	7.91	19.0	3.051	94.2	3.5	0.8
318	3/11/2016 16:31:39	12.89	38.44	24.43	8.54	7.90	18.8	2.920	94.1	3.6	0.9
319	3/11/2016 16:46:39	12.91	38.33	24.36	8.51	7.90	16.4	2.795	93.8	3.4	0.8
320	3/11/2016 17:01:39	12.93	38.18	24.25	8.52	7.90	15.5	2.703	93.9	3.4	0.8
321	3/11/2016 17:16:39	12.93	38.16	24.24	8.52	7.90	12.6	2.587	93.9	3.0	0.7
322	3/11/2016 17:31:39	12.91	38.69	24.61	8.56	7.91	12.3	2.485	94.6	3.5	0.8
323	3/11/2016 17:46:39	12.93	38.16	24.24	8.48	7.89	15.1	2.387	93.4	3.1	0.7
324	3/11/2016 18:01:39	12.92	38.20	24.26	8.48	7.89	15.6	2.270	93.5	3.5	0.8
325	3/11/2016 18:16:40	12.93	38.05	24.16	8.43	7.88	15.0	2.190	92.8	3.4	0.8
326	3/11/2016 18:31:39	12.92	37.95	24.09	8.42	7.88	18.0	2.108	92.7	3.7	0.9
327	3/11/2016 18:46:39	12.84	38.25	24.30	8.47	7.89	23.4	1.999	93.2	3.5	0.8
328	3/11/2016 19:01:39	12.85	38.01	24.13	8.44	7.88	25.6	1.936	92.8	3.9	0.9
329	3/11/2016 19:16:40	12.85	37.94	24.08	8.42	7.87	22.0	1.868	92.6	4.3	1.0
330	3/11/2016 19:31:39	12.85	37.86	24.03	8.39	7.87	20.4	1.828	92.2	4.1	1.0
331	3/11/2016 19:46:39	12.87	37.72	23.93	8.33	7.87	18.0	1.810	91.5	4.6	1.1
332	3/11/2016 20:01:39	12.88	37.77	23.96	8.36	7.87	18.9	1.822	91.8	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	3/11/2016 20:16:39	12.87	37.72	23.93	8.40	7.87	18.3	1.860	92.3	3.8	0.9
334	3/11/2016 20:31:39	12.91	37.64	23.88	8.40	7.86	15.3	1.935	92.4	3.5	0.8
335	3/11/2016 20:46:39	12.83	35.89	22.65	8.45	7.85	14.5	2.021	92.0	3.5	0.8
336	3/11/2016 21:01:39	12.84	36.35	22.97	8.41	7.84	16.7	2.116	91.8	4.1	1.0
337	3/11/2016 21:16:39	12.88	36.92	23.37	8.40	7.85	17.9	2.248	91.9	4.0	0.9
338	3/11/2016 21:31:39	12.82	36.63	23.17	8.43	7.85	17.5	2.345	92.1	4.2	1.0
339	3/11/2016 21:46:39	12.86	38.21	24.27	8.45	7.89	21.7	2.463	93.0	3.4	0.8
340	3/11/2016 22:01:40	12.85	38.62	24.56	8.46	7.89	21.1	2.572	93.3	3.2	0.7
341	3/11/2016 22:16:39	12.82	38.71	24.62	8.47	7.90	16.4	2.678	93.4	3.4	0.8
342	3/11/2016 22:31:39	12.81	38.72	24.63	8.49	7.90	18.5	2.782	93.6	3.0	0.7
343	3/11/2016 22:46:40	12.81	38.89	24.74	8.50	7.91	21.1	2.884	93.7	3.4	0.8
344	3/11/2016 23:01:39	12.78	38.77	24.67	8.52	7.91	28.0	2.986	93.9	3.1	0.7
345	3/11/2016 23:16:39	12.73	39.02	24.84	8.56	7.92	28.0	3.103	94.2	3.3	0.8
346	3/11/2016 23:31:40	12.69	39.49	25.16	8.58	7.93	28.9	3.228	94.6	3.2	0.7
347	3/11/2016 23:46:39	12.68	39.81	25.39	8.58	7.94	33.1	3.316	94.7	2.9	0.7
348	3/12/2016 00:01:39	12.62	40.35	25.77	8.62	7.95	46.4	3.459	95.2	3.4	0.8
349	3/12/2016 00:16:39	12.54	40.97	26.20	8.66	7.97	52.7	3.573	95.8	3.4	0.8
350	3/12/2016 00:31:39	12.51	41.03	26.25	8.66	7.98	50.3	3.678	95.9	3.1	0.7
351	3/12/2016 00:46:40	12.48	41.11	26.30	8.68	7.98	48.0	3.776	96.0	3.1	0.7
352	3/12/2016 01:01:40	12.45	41.25	26.40	8.71	7.99	49.3	3.869	96.3	3.2	0.8
353	3/12/2016 01:16:40	12.38	41.57	26.62	8.74	8.00	45.9	3.957	96.6	2.5	0.6
354	3/12/2016 01:31:39	12.34	41.75	26.75	8.73	8.01	44.9	4.016	96.6	2.7	0.6
355	3/12/2016 01:46:39	12.32	41.66	26.69	8.73	8.01	36.9	4.072	96.4	2.6	0.6
356	3/12/2016 02:01:40	12.30	41.95	26.89	8.71	8.02	34.1	4.101	96.3	2.7	0.6
357	3/12/2016 02:16:40	12.30	41.88	26.84	8.61	8.01	26.7	4.112	95.2	2.2	0.5
358	3/12/2016 02:31:39	12.31	41.78	26.77	8.63	8.01	29.0	4.084	95.3	2.4	0.6
359	3/12/2016 02:46:39	12.33	41.19	26.35	8.70	8.00	38.8	4.025	95.9	2.3	0.5
360	3/12/2016 03:01:40	12.31	41.50	26.57	8.68	8.00	30.8	3.972	95.8	2.7	0.6
361	3/12/2016 03:16:39	12.29	41.16	26.33	8.67	7.99	31.4	3.857	95.5	2.4	0.6
362	3/12/2016 03:31:40	12.36	40.88	26.13	8.64	7.98	28.9	3.749	95.2	2.4	0.6
363	3/12/2016 03:46:40	12.32	40.44	25.82	8.63	7.96	25.0	3.629	94.8	2.9	0.7
364	3/12/2016 04:01:40	12.30	39.84	25.40	8.59	7.94	22.1	3.516	94.1	3.3	0.8
365	3/12/2016 04:16:39	12.34	39.49	25.15	8.59	7.94	23.3	3.374	94.0	2.8	0.7
366	3/12/2016 04:31:39	12.34	39.52	25.18	8.57	7.93	21.6	3.252	93.8	2.7	0.6
367	3/12/2016 04:46:39	12.33	39.51	25.17	8.56	7.93	20.6	3.122	93.7	2.9	0.7
368	3/12/2016 05:01:40	12.30	39.37	25.07	8.57	7.93	21.4	2.993	93.7	2.6	0.6
369	3/12/2016 05:16:40	12.32	39.00	24.81	8.55	7.92	23.9	2.868	93.4	4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	3/12/2016 05:31:39	12.30	38.85	24.71	8.56	7.91	25.0	2.743	93.3	3.0	0.7
371	3/12/2016 05:46:40	12.23	39.75	25.34	8.59	7.94	32.9	2.623	94.0	3.2	0.8
372	3/12/2016 06:01:40	12.24	39.34	25.05	8.59	7.93	35.0	2.518	93.8	3.2	0.8
373	3/12/2016 06:16:39	12.22	38.99	24.80	8.56	7.92	29.3	2.419	93.3	3.2	0.7
374	3/12/2016 06:31:39	12.28	38.18	24.23	8.55	7.89	28.8	2.279	93.0	3.9	0.9
375	3/12/2016 06:46:40	12.18	38.35	24.35	8.56	7.90	35.2	2.154	92.9	3.4	0.8
376	3/12/2016 07:01:39	12.19	37.63	23.85	8.53	7.88	29.7	2.068	92.4	3.6	0.9
377	3/12/2016 07:16:39	12.09	37.66	23.87	8.58	7.89	35.8	1.937	92.6	3.3	0.8
378	3/12/2016 07:31:39	12.10	37.38	23.67	8.55	7.87	32.7	1.833	92.3	3.5	0.8
379	3/12/2016 07:46:39	12.09	37.16	23.52	8.54	7.87	31.8	1.744	92.0	3.6	0.8
380	3/12/2016 08:01:40	12.09	37.00	23.40	8.52	7.86	29.6	1.680	91.7	3.8	0.9
381	3/12/2016 08:16:39	12.10	36.86	23.31	8.48	7.86	24.7	1.634	91.3	3.3	0.8
382	3/12/2016 08:31:38	12.11	36.79	23.26	8.51	7.85	23.0	1.618	91.6	3.5	0.8
383	3/12/2016 08:46:39	12.12	36.94	23.37	8.52	7.86	23.6	1.654	91.8	3.4	0.8
384	3/12/2016 09:01:39	12.17	37.00	23.41	8.53	7.86	19.5	1.686	92.0	3.5	0.8
385	3/12/2016 09:16:39	12.17	37.02	23.43	8.51	7.85	21.1	1.761	91.8	3.6	0.8
386	3/12/2016 09:31:40	12.16	36.61	23.14	8.52	7.85	19.7	1.863	91.7	3.4	0.8
387	3/12/2016 09:46:39	12.18	36.73	23.22	8.50	7.85	21.6	1.973	91.6	3.7	0.9
388	3/12/2016 10:01:39	12.21	36.63	23.15	8.49	7.85	26.7	2.094	91.5	3.6	0.8
389	3/12/2016 10:16:39	12.21	36.74	23.23	8.50	7.85	30.5	2.194	91.7	3.6	0.8
390	3/12/2016 10:31:39	12.22	37.48	23.74	8.50	7.87	28.1	2.309	92.0	3.6	0.8
391	3/12/2016 10:46:39	12.26	37.82	23.99	8.51	7.88	29.9	2.405	92.4	3.5	0.8
392	3/12/2016 11:01:39	12.29	38.14	24.21	8.53	7.89	26.3	2.519	92.7	3.3	0.8
393	3/12/2016 11:16:39	12.29	38.12	24.20	8.55	7.88	25.3	2.607	92.9	3.7	0.9
394	3/12/2016 11:31:39	12.31	38.33	24.34	8.54	7.89	25.0	2.715	93.0	3.6	0.9
395	3/12/2016 11:46:39	12.32	38.31	24.33	8.55	7.89	25.9	2.810	93.1	3.3	0.8
396	3/12/2016 12:01:39	12.30	38.42	24.41	8.55	7.90	33.0	2.914	93.1	3.2	0.8
397	3/12/2016 12:16:40	12.34	38.63	24.55	8.57	7.91	33.2	2.998	93.4	3.3	0.8
398	3/12/2016 12:31:39	12.35	38.90	24.74	8.58	7.92	33.0	3.108	93.7	3.5	0.8
399	3/12/2016 12:46:39	12.35	39.25	24.99	8.58	7.93	33.8	3.211	93.9	3.2	0.7
400	3/12/2016 13:01:39	12.33	40.24	25.68	8.62	7.95	45.8	3.300	94.7	3.2	0.8
401	3/12/2016 13:16:39	12.33	40.78	26.07	8.63	7.96	44.7	3.404	94.9	3.0	0.7
402	3/12/2016 13:31:39	12.30	40.97	26.20	8.64	7.97	44.4	3.488	95.2	3.1	0.7
403	3/12/2016 13:46:38	12.30	40.93	26.17	8.65	7.97	40.1	3.558	95.2	2.9	0.7
404	3/12/2016 14:01:39	12.29	40.86	26.12	8.66	7.97	34.1	3.629	95.2	2.7	0.6
405	3/12/2016 14:16:39	12.29	41.07	26.26	8.67	7.97	34.3	3.666	95.5	2.6	0.6
406	3/12/2016 14:31:39	12.29	41.03	26.24	8.66	7.97	28.1	3.719	95.3	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	3/12/2016 14:46:39	12.31	40.91	26.16	8.57	7.97	27.0	3.726	94.3	2.9	0.7
408	3/12/2016 15:01:39	12.30	41.05	26.25	8.60	7.97	33.0	3.712	94.7	3.3	0.8
409	3/12/2016 15:16:39	12.30	41.10	26.29	8.59	7.97	33.5	3.689	94.7	2.5	0.6
410	3/12/2016 15:31:39	12.35	39.91	25.45	8.59	7.95	18.7	3.618	94.3	2.3	0.5
411	3/12/2016 15:46:39	12.35	39.91	25.45	8.60	7.94	16.4	3.553	94.3	3.0	0.7
412	3/12/2016 16:01:39	12.34	40.14	25.61	8.56	7.95	20.4	3.459	94.0	2.7	0.6
413	3/12/2016 16:16:40	12.37	39.62	25.25	8.59	7.94	25.6	3.343	94.1	2.8	0.7
414	3/12/2016 16:31:39	12.39	38.82	24.69	8.60	7.93	19.8	3.263	94.0	2.8	0.7
415	3/12/2016 16:46:39	12.39	38.30	24.32	8.62	7.92	18.8	3.154	94.0	2.9	0.7
416	3/12/2016 17:01:39	12.37	37.89	24.04	8.61	7.91	14.7	3.058	93.7	2.4	0.6
417	3/12/2016 17:16:39	12.36	38.13	24.20	8.58	7.90	14.4	2.961	93.4	3.0	0.7
418	3/12/2016 17:31:39	12.35	38.07	24.16	8.56	7.90	13.1	2.868	93.1	2.6	0.6
419	3/12/2016 17:46:39	12.33	38.13	24.20	8.54	7.90	12.0	2.785	92.9	3.3	0.8
420	3/12/2016 18:01:39	12.32	38.16	24.22	8.56	7.90	12.5	2.694	93.1	2.7	0.6
421	3/12/2016 18:16:39	12.29	38.68	24.59	8.54	7.91	13.1	2.576	93.1	2.9	0.7
422	3/12/2016 18:31:39	12.28	38.28	24.31	8.52	7.90	13.0	2.521	92.7	3.1	0.7
423	3/12/2016 18:46:39	12.24	38.24	24.27	8.52	7.89	12.0	2.422	92.6	2.5	0.6
424	3/12/2016 19:01:39	12.25	37.60	23.83	8.52	7.88	12.2	2.327	92.3	3.4	0.8
425	3/12/2016 19:16:39	12.24	37.24	23.58	8.53	7.87	13.3	2.271	92.2	3.1	0.7
426	3/12/2016 19:31:39	12.20	37.30	23.62	8.52	7.87	15.3	2.180	92.2	4.0	0.9
427	3/12/2016 19:46:40	12.17	37.27	23.60	8.51	7.87	17.1	2.119	91.9	3.5	0.8
428	3/12/2016 20:01:39	12.18	37.04	23.44	8.50	7.86	14.8	2.066	91.7	3.9	0.9
429	3/12/2016 20:16:39	12.19	36.84	23.30	8.46	7.86	12.4	2.055	91.3	3.6	0.9
430	3/12/2016 20:31:39	12.19	36.87	23.32	8.44	7.85	11.6	2.021	91.0	3.6	0.8
431	3/12/2016 20:46:39	12.21	36.99	23.41	8.50	7.86	13.5	2.073	91.8	3.5	0.8
432	3/12/2016 21:01:39	12.22	37.06	23.45	8.50	7.86	13.3	2.085	91.8	3.7	0.9
433	3/12/2016 21:16:39	12.19	36.98	23.40	8.51	7.86	12.9	2.112	91.8	3.1	0.7
434	3/12/2016 21:31:40	12.21	36.72	23.21	8.52	7.86	13.0	2.177	91.8	3.6	0.8
435	3/12/2016 21:46:39	12.21	36.59	23.13	8.51	7.85	14.0	2.288	91.7	3.3	0.8
436	3/12/2016 22:01:39	12.23	36.56	23.10	8.51	7.86	15.0	2.378	91.8	3.4	0.8
437	3/12/2016 22:16:39	12.27	37.13	23.50	8.52	7.87	19.5	2.464	92.2	3.1	0.7
438	3/12/2016 22:31:39	12.28	37.42	23.71	8.51	7.88	19.9	2.566	92.2	3.2	0.7
439	3/12/2016 22:46:40	12.29	37.92	24.05	8.51	7.89	20.9	2.666	92.5	3.8	0.9
440	3/12/2016 23:01:39	12.25	37.94	24.07	8.52	7.89	17.0	2.774	92.5	3.4	0.8
441	3/12/2016 23:16:39	12.27	38.17	24.23	8.53	7.89	18.1	2.861	92.7	3.5	0.8
442	3/12/2016 23:31:39	12.26	38.33	24.34	8.54	7.90	19.5	2.965	92.8	3.3	0.8
443	3/12/2016 23:46:40	12.23	38.35	24.35	8.55	7.91	25.6	3.060	92.9	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	3/13/2016 00:01:39	12.23	38.68	24.58	8.58	7.92	28.1	3.169	93.3	3.3	0.8
445	3/13/2016 00:16:39	12.21	38.98	24.80	8.59	7.93	26.8	3.293	93.6	3.1	0.7
446	3/13/2016 00:31:39	12.21	39.45	25.12	8.61	7.94	30.6	3.383	94.0	3.3	0.8
447	3/13/2016 00:46:39	12.21	40.00	25.51	8.67	7.96	41.3	3.511	94.8	3.0	0.7
448	3/13/2016 01:01:39	12.20	40.54	25.89	8.72	7.97	49.6	3.611	95.6	2.9	0.7
449	3/13/2016 01:16:40	12.19	40.99	26.20	8.74	7.98	48.7	3.711	96.0	3.3	0.8
450	3/13/2016 01:31:39	12.17	41.18	26.34	8.73	7.99	41.5	3.818	95.9	2.8	0.7
451	3/13/2016 01:46:40	12.17	41.28	26.41	8.72	7.99	37.4	3.917	95.9	2.3	0.5
452	3/13/2016 03:01:40	12.18	41.39	26.49	8.75	8.00	44.3	3.990	96.3	2.6	0.6
453	3/13/2016 03:16:40	12.17	41.38	26.48	8.77	8.00	39.7	4.036	96.5	2.3	0.6
454	3/13/2016 03:31:40	12.17	41.49	26.56	8.79	8.00	32.6	4.085	96.7	2.8	0.7
455	3/13/2016 03:46:40	12.17	41.48	26.55	8.80	8.00	32.9	4.112	96.8	2.1	0.5
456	3/13/2016 04:01:40	12.16	41.26	26.40	8.67	8.00	26.4	4.126	95.3	2.1	0.5
457	3/13/2016 04:16:40	12.17	41.45	26.53	8.72	8.00	29.6	4.088	96.0	2.2	0.5
458	3/13/2016 04:31:40	12.17	41.42	26.51	8.69	8.00	33.5	4.062	95.6	2.4	0.6
459	3/13/2016 04:46:40	12.17	41.39	26.49	8.72	8.00	31.6	3.991	96.0	2.0	0.5
460	3/13/2016 05:01:40	12.17	41.21	26.36	8.67	7.99	29.6	3.912	95.3	2.5	0.6
461	3/13/2016 05:16:40	12.04	39.99	25.50	8.68	7.97	15.9	3.838	94.7	1.8	0.4
462	3/13/2016 05:31:40	11.94	38.25	24.28	8.66	7.93	14.6	3.707	93.5	2.6	0.6
463	3/13/2016 05:46:40	11.98	38.51	24.45	8.62	7.93	17.7	3.591	93.3	2.4	0.6
464	3/13/2016 06:01:40	11.99	38.28	24.30	8.62	7.93	21.8	3.475	93.2	2.9	0.7
465	3/13/2016 06:16:40	11.94	37.71	23.89	8.61	7.91	17.1	3.365	92.7	3.2	0.8
466	3/13/2016 06:31:40	12.01	38.03	24.12	8.57	7.91	18.2	3.227	92.6	2.9	0.7
467	3/13/2016 06:46:40	11.99	37.86	24.00	8.57	7.90	17.7	3.116	92.4	2.9	0.7
468	3/13/2016 07:01:40	11.97	37.61	23.83	8.58	7.90	15.6	2.984	92.4	3.1	0.7
469	3/13/2016 07:16:40	11.97	37.58	23.81	8.58	7.90	15.9	2.883	92.4	2.8	0.7
470	3/13/2016 07:31:40	11.97	37.64	23.85	8.56	7.90	15.5	2.772	92.2	3.0	0.7
471	3/13/2016 07:46:40	11.97	37.55	23.78	8.57	7.89	15.6	2.634	92.2	2.8	0.7
472	3/13/2016 08:01:40	11.95	37.61	23.82	8.56	7.89	17.2	2.526	92.1	2.9	0.7
473	3/13/2016 08:16:40	11.98	37.54	23.78	8.55	7.89	17.5	2.398	92.0	2.6	0.6
474	3/13/2016 08:31:40	11.95	37.57	23.80	8.56	7.89	23.1	2.305	92.1	2.7	0.6
475	3/13/2016 08:46:40	11.94	37.38	23.67	8.56	7.88	29.9	2.176	92.0	3.3	0.8
476	3/13/2016 09:01:40	11.95	37.26	23.58	8.53	7.88	20.2	2.070	91.7	3.1	0.7
477	3/13/2016 09:16:40	11.94	37.24	23.57	8.52	7.88	19.4	1.988	91.6	3.1	0.7
478	3/13/2016 09:31:40	11.93	37.00	23.40	8.53	7.87	26.0	1.850	91.5	3.5	0.8
479	3/13/2016 09:46:40	11.93	36.93	23.35	8.50	7.86	22.8	1.801	91.2	3.1	0.7
480	3/13/2016 10:01:40	11.92	36.98	23.39	8.46	7.86	21.2	1.746	90.8	3.0	0.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	3/13/2016 10:16:40	11.92	36.97	23.38	8.43	7.86	16.9	1.700	90.4	3.5	0.8
482	3/13/2016 10:31:40	11.93	36.89	23.32	8.40	7.86	13.3	1.690	90.1	2.7	0.6
483	3/13/2016 10:46:40	11.94	36.94	23.36	8.51	7.86	16.7	1.776	91.3	3.0	0.7
484	3/13/2016 11:01:40	11.95	36.76	23.24	8.52	7.86	15.9	1.763	91.4	2.9	0.7
485	3/13/2016 11:16:40	11.94	36.41	22.99	8.52	7.85	17.1	1.778	91.2	3.3	0.8
486	3/13/2016 11:31:40	11.93	36.22	22.86	8.52	7.85	15.5	1.890	91.2	3.3	0.8
487	3/13/2016 11:46:40	11.93	36.29	22.91	8.51	7.85	16.0	1.981	91.1	3.8	0.9
488	3/13/2016 12:01:40	11.89	35.47	22.34	8.53	7.85	17.4	2.045	90.9	3.3	0.8
489	3/13/2016 12:16:40	11.92	36.04	22.73	8.52	7.85	19.4	2.166	91.0	3.3	0.8
490	3/13/2016 12:31:40	11.94	36.19	22.84	8.52	7.86	21.6	2.245	91.1	3.5	0.8
491	3/13/2016 12:46:40	11.99	36.56	23.10	8.57	7.87	20.8	2.359	92.0	3.8	0.9
492	3/13/2016 13:01:40	12.01	37.23	23.57	8.57	7.88	20.5	2.459	92.2	2.8	0.7
493	3/13/2016 13:16:40	12.03	37.55	23.79	8.59	7.89	20.5	2.521	92.6	3.1	0.7
494	3/13/2016 13:31:40	12.04	37.56	23.80	8.59	7.89	23.8	2.624	92.6	2.6	0.6
495	3/13/2016 13:46:40	12.07	37.53	23.77	8.60	7.89	25.0	2.711	92.8	2.9	0.7
496	3/13/2016 14:01:40	12.09	37.57	23.81	8.59	7.89	24.9	2.807	92.8	3.5	0.8
497	3/13/2016 14:16:40	12.10	37.74	23.92	8.58	7.90	28.8	2.866	92.7	3.0	0.7
498	3/13/2016 14:31:40	12.14	38.06	24.15	8.60	7.91	35.1	2.952	93.2	3.2	0.8
499	3/13/2016 14:46:40	12.16	38.26	24.29	8.64	7.92	31.6	3.052	93.7	3.5	0.8
500	3/13/2016 15:01:40	12.18	38.52	24.47	8.64	7.92	29.4	3.175	93.9	2.6	0.6
501	3/13/2016 15:16:40	12.19	38.76	24.64	8.67	7.93	32.7	3.221	94.3	2.7	0.6
502	3/13/2016 15:31:40	12.21	39.18	24.93	8.76	7.94	37.1	3.278	95.5	2.7	0.6
503	3/13/2016 15:46:40	12.23	39.51	25.17	8.81	7.95	38.6	3.409	96.3	2.7	0.6
504	3/13/2016 16:01:40	12.25	39.69	25.30	8.85	7.96	36.4	3.463	96.8	3.3	0.8
505	3/13/2016 16:16:40	12.28	40.01	25.52	8.85	7.96	37.0	3.513	97.0	2.7	0.6
506	3/13/2016 16:31:40	12.29	40.15	25.62	8.84	7.97	29.2	3.534	97.0	2.8	0.7
507	3/13/2016 16:46:40	12.29	39.90	25.44	8.68	7.96	22.2	3.593	95.1	2.2	0.5
508	3/13/2016 17:01:40	12.29	40.11	25.59	8.80	7.97	33.2	3.591	96.5	2.2	0.5
509	3/13/2016 17:16:40	12.27	40.18	25.64	8.79	7.97	35.5	3.499	96.4	3.3	0.8
510	3/13/2016 17:31:40	12.23	39.75	25.34	8.80	7.96	33.2	3.508	96.2	2.5	0.6
511	3/13/2016 17:46:40	12.23	39.36	25.06	8.75	7.95	24.7	3.454	95.5	2.3	0.5
512	3/13/2016 18:01:40	12.29	39.01	24.81	8.70	7.94	21.8	3.357	95.0	3.2	0.8
513	3/13/2016 18:16:40	12.27	38.95	24.78	8.68	7.94	20.0	3.275	94.6	2.5	0.6
514	3/13/2016 18:31:40	12.27	38.71	24.61	8.66	7.93	19.1	3.214	94.3	2.4	0.6
515	3/13/2016 18:46:40	12.24	37.90	24.04	8.62	7.91	16.7	3.117	93.5	2.8	0.7
516	3/13/2016 19:01:40	12.19	37.72	23.91	8.59	7.90	15.8	3.030	93.0	2.8	0.7
517	3/13/2016 19:16:40	12.19	37.66	23.87	8.58	7.90	14.5	2.972	92.9	2.2	0.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	3/13/2016 19:31:40	12.18	37.67	23.88	8.58	7.90	15.5	2.879	92.8	2.7	0.6
519	3/13/2016 19:46:40	12.20	37.67	23.88	8.56	7.90	13.4	2.831	92.7	3.1	0.7
520	3/13/2016 20:01:40	12.26	37.35	23.65	8.58	7.89	13.2	2.750	92.9	2.6	0.6
521	3/13/2016 20:16:40	12.19	37.04	23.44	8.57	7.89	14.5	2.669	92.5	3.0	0.7
522	3/13/2016 20:31:40	12.16	37.09	23.47	8.53	7.88	14.4	2.626	92.1	3.4	0.8
523	3/13/2016 20:46:40	12.15	36.88	23.33	8.52	7.89	13.0	2.583	91.9	3.1	0.7
524	3/13/2016 21:01:40	12.14	36.82	23.28	8.54	7.88	12.9	2.512	92.0	3.8	0.9
525	3/13/2016 21:16:40	12.12	36.90	23.34	8.52	7.88	13.1	2.471	91.8	3.3	0.8
526	3/13/2016 21:31:40	12.13	36.65	23.16	8.54	7.88	12.5	2.433	91.9	3.0	0.7
527	3/13/2016 21:46:40	12.12	36.68	23.19	8.52	7.87	12.0	2.395	91.8	3.0	0.7
528	3/13/2016 22:01:40	12.15	36.59	23.12	8.50	7.87	11.9	2.361	91.6	3.6	0.8
529	3/13/2016 22:16:40	12.13	36.36	22.96	8.46	7.87	11.9	2.356	90.9	3.8	0.9
530	3/13/2016 22:31:40	12.12	36.48	23.05	8.53	7.87	11.5	2.345	91.7	3.4	0.8
531	3/13/2016 22:46:40	12.14	36.64	23.16	8.54	7.87	11.2	2.349	91.9	2.7	0.6
532	3/13/2016 23:01:40	12.14	36.66	23.17	8.54	7.88	11.5	2.412	92.0	3.3	0.8
533	3/13/2016 23:16:40	12.17	36.80	23.27	8.54	7.87	11.2	2.428	92.0	2.6	0.6
534	3/13/2016 23:31:40	12.16	36.56	23.11	8.56	7.87	13.3	2.504	92.1	2.9	0.7
535	3/13/2016 23:46:40	12.17	36.52	23.07	8.56	7.87	13.3	2.556	92.1	3.5	0.8
536	3/14/2016 00:01:40	12.17	36.60	23.13	8.55	7.87	14.4	2.624	92.1	2.8	0.6
537	3/14/2016 00:16:40	12.18	36.40	22.99	8.57	7.88	17.5	2.738	92.3	3.1	0.7
538	3/14/2016 00:31:40	12.15	36.18	22.84	8.60	7.88	14.5	2.828	92.4	3.1	0.7
539	3/14/2016 00:46:40	12.17	37.52	23.77	8.57	7.90	18.5	2.901	92.7	3.0	0.7
540	3/14/2016 01:01:40	12.14	37.60	23.83	8.59	7.90	19.7	2.990	92.9	2.9	0.7
541	3/14/2016 01:16:40	12.14	37.70	23.90	8.60	7.90	15.3	3.065	93.0	2.9	0.7
542	3/14/2016 01:31:40	12.17	37.97	24.09	8.61	7.91	20.4	3.161	93.3	3.6	0.9
543	3/14/2016 01:46:40	12.20	38.55	24.49	8.64	7.92	26.2	3.269	93.9	3.3	0.8
544	3/14/2016 02:01:40	12.22	38.69	24.59	8.67	7.93	29.6	3.346	94.3	2.9	0.7
545	3/14/2016 02:16:40	12.22	39.06	24.85	8.68	7.94	28.9	3.448	94.6	2.6	0.6
546	3/14/2016 02:31:40	12.22	39.20	24.94	8.72	7.95	37.2	3.540	95.1	3.2	0.8
547	3/14/2016 02:46:40	12.19	39.42	25.10	8.76	7.96	31.4	3.623	95.6	2.9	0.7
548	3/14/2016 03:01:40	12.17	39.65	25.27	8.80	7.96	33.7	3.691	96.0	2.7	0.6
549	3/14/2016 03:16:40	12.20	40.06	25.55	8.84	7.97	42.6	3.816	96.8	2.7	0.6
550	3/14/2016 03:31:40	12.22	40.31	25.73	8.88	7.98	44.9	3.882	97.3	2.6	0.6
551	3/14/2016 03:46:40	12.25	40.39	25.79	8.92	7.98	51.6	3.924	97.8	2.7	0.6
552	3/14/2016 04:01:39	12.30	40.73	26.03	8.95	7.99	59.6	3.956	98.5	3.5	0.8
553	3/14/2016 04:16:39	12.32	40.83	26.10	8.96	7.99	49.2	4.016	98.7	2.5	0.6
554	3/14/2016 04:31:39	12.33	40.64	25.97	8.91	7.99	26.4	4.033	98.0	2.1	0.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	3/14/2016 04:46:39	12.30	40.83	26.10	8.90	7.99	20.9	4.006	98.0	1.7	0.4
556	3/14/2016 05:01:39	12.33	40.81	26.09	8.95	7.99	42.4	4.002	98.5	2.8	0.6
557	3/14/2016 05:16:39	12.23	40.33	25.75	8.85	7.98	31.1	3.976	97.1	2.3	0.5
558	3/14/2016 05:31:39	12.06	39.56	25.20	8.71	7.96	20.7	3.893	94.8	2.4	0.6
559	3/14/2016 05:46:39	12.05	39.52	25.17	8.69	7.95	21.1	3.806	94.5	2.9	0.7
560	3/14/2016 06:01:39	11.98	38.97	24.78	8.68	7.94	15.1	3.754	94.0	2.9	0.7
561	3/14/2016 06:16:39	11.91	38.36	24.35	8.63	7.92	15.1	3.627	93.2	2.4	0.6
562	3/14/2016 06:31:39	11.81	37.26	23.58	8.63	7.91	14.2	3.549	92.5	2.3	0.5
563	3/14/2016 06:46:39	11.72	35.99	22.69	8.63	7.89	15.3	3.435	91.8	3.3	0.8
564	3/14/2016 07:01:39	11.70	35.46	22.33	8.63	7.88	21.7	3.341	91.6	3.3	0.8
565	3/14/2016 07:16:39	11.79	36.02	22.71	8.59	7.88	23.0	3.238	91.5	3.3	0.8
566	3/14/2016 07:31:39	11.76	35.95	22.67	8.59	7.87	21.9	3.110	91.4	3.3	0.8
567	3/14/2016 07:46:39	11.78	35.99	22.69	8.56	7.87	21.7	3.017	91.2	3.2	0.8
568	3/14/2016 08:01:39	11.73	35.45	22.32	8.57	7.86	22.3	2.909	91.0	3.3	0.8
569	3/14/2016 08:16:39	11.67	35.72	22.50	8.57	7.86	13.5	2.802	91.0	2.5	0.6
570	3/14/2016 08:31:39	11.70	35.89	22.62	8.58	7.87	14.2	2.686	91.2	3.2	0.7
571	3/14/2016 08:46:39	11.70	35.97	22.68	8.56	7.86	16.2	2.566	91.0	2.9	0.7
572	3/14/2016 09:01:39	11.68	35.39	22.28	8.56	7.85	18.4	2.452	90.7	2.9	0.7
573	3/14/2016 09:16:39	11.67	35.60	22.42	8.58	7.86	20.6	2.348	91.0	2.8	0.7
574	3/14/2016 09:31:39	11.67	35.53	22.37	8.56	7.85	23.0	2.239	90.8	3.4	0.8
575	3/14/2016 09:46:39	11.66	35.39	22.28	8.57	7.85	23.1	2.107	90.8	3.4	0.8
576	3/14/2016 10:01:39	11.65	35.37	22.26	8.58	7.85	22.3	2.031	90.9	3.1	0.7
577	3/14/2016 10:16:39	11.71	35.28	22.20	8.57	7.84	20.9	1.932	90.9	3.4	0.8
578	3/14/2016 10:31:39	11.77	35.14	22.11	8.56	7.84	20.5	1.848	90.8	2.9	0.7
579	3/14/2016 10:46:39	11.84	34.99	22.01	8.58	7.84	18.4	1.791	91.1	3.2	0.8
580	3/14/2016 11:01:39	11.88	34.97	21.99	8.54	7.84	15.9	1.740	90.7	3.0	0.7
581	3/14/2016 11:16:39	11.86	34.88	21.93	8.45	7.83	12.5	1.746	89.8	2.8	0.7
582	3/14/2016 11:31:39	11.87	34.99	22.00	8.54	7.83	14.1	1.734	90.7	3.1	0.7
583	3/14/2016 11:46:39	11.84	34.88	21.93	8.57	7.83	15.6	1.760	91.0	3.3	0.8
584	3/14/2016 12:01:39	11.80	34.49	21.66	8.60	7.83	15.1	1.807	91.0	3.4	0.8
585	3/14/2016 12:16:39	11.81	34.85	21.91	8.56	7.83	14.5	1.865	90.8	3.6	0.8
586	3/14/2016 12:31:39	11.78	34.56	21.71	8.55	7.82	16.2	1.937	90.5	3.5	0.8
587	3/14/2016 12:46:39	11.74	34.07	21.37	8.56	7.82	17.2	2.005	90.4	3.8	0.9
588	3/14/2016 13:01:39	11.73	34.04	21.35	8.56	7.81	17.1	2.090	90.3	3.2	0.8
589	3/14/2016 13:16:39	11.72	33.69	21.10	8.56	7.81	16.2	2.153	90.2	3.1	0.7
590	3/14/2016 13:31:39	11.73	34.27	21.50	8.54	7.83	18.5	2.243	90.2	3.5	0.8
591	3/14/2016 13:46:39	11.75	34.78	21.86	8.53	7.84	17.9	2.312	90.3	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	3/14/2016 14:01:39	11.78	35.23	22.17	8.53	7.84	17.4	2.399	90.5	3.2	0.7
593	3/14/2016 14:16:39	11.80	35.00	22.01	8.57	7.85	17.4	2.468	90.9	3.2	0.8
594	3/14/2016 14:31:39	11.86	35.41	22.30	8.58	7.85	17.7	2.541	91.3	3.2	0.8
595	3/14/2016 14:46:39	11.89	35.39	22.28	8.59	7.85	16.7	2.624	91.5	2.9	0.7
596	3/14/2016 15:01:39	11.88	35.81	22.57	8.57	7.86	17.0	2.719	91.4	3.7	0.9
597	3/14/2016 15:16:39	11.92	35.83	22.59	8.57	7.86	16.9	2.793	91.5	3.2	0.7
598	3/14/2016 15:31:39	11.89	36.36	22.96	8.55	7.87	20.8	2.844	91.4	3.3	0.8
599	3/14/2016 15:46:39	11.92	36.62	23.14	8.55	7.88	19.4	2.937	91.6	3.0	0.7
600	3/14/2016 16:01:39	11.91	36.81	23.27	8.55	7.88	21.4	2.987	91.6	2.8	0.7
601	3/14/2016 16:16:39	11.93	36.84	23.29	8.55	7.88	19.9	3.066	91.7	2.9	0.7
602	3/14/2016 16:31:39	11.95	36.98	23.39	8.56	7.88	18.8	3.144	91.9	2.7	0.6
603	3/14/2016 16:46:39	11.96	36.87	23.31	8.58	7.89	18.8	3.177	92.1	2.8	0.7
604	3/14/2016 17:01:39	11.93	37.11	23.48	8.58	7.89	26.1	3.253	92.2	3.3	0.8
605	3/14/2016 17:16:39	11.96	37.65	23.86	8.60	7.90	29.4	3.328	92.7	2.9	0.7
606	3/14/2016 17:31:39	12.01	38.18	24.22	8.62	7.92	26.3	3.320	93.2	3.1	0.7
607	3/14/2016 17:46:39	12.02	38.39	24.37	8.58	7.92	15.7	3.351	92.8	2.2	0.5
608	3/14/2016 18:01:39	12.02	38.46	24.43	8.58	7.92	15.5	3.379	92.9	2.3	0.5
609	3/14/2016 18:16:39	11.99	37.66	23.86	8.55	7.90	15.0	3.351	92.2	3.1	0.7
610	3/14/2016 18:31:39	12.00	37.72	23.90	8.57	7.91	19.7	3.318	92.4	2.7	0.6
611	3/14/2016 18:46:39	12.15	36.20	22.85	8.58	7.90	18.4	3.296	92.3	2.7	0.6
612	3/14/2016 19:01:39	12.12	36.21	22.86	8.57	7.88	19.3	3.227	92.0	3.5	0.8
613	3/14/2016 19:16:39	12.11	36.16	22.82	8.54	7.88	23.9	3.199	91.7	2.7	0.6
614	3/14/2016 19:31:39	12.13	35.90	22.64	8.56	7.87	22.5	3.101	91.9	3.5	0.8
615	3/14/2016 19:46:39	12.19	35.83	22.60	8.60	7.87	23.4	3.038	92.3	3.7	0.9
616	3/14/2016 20:01:39	12.23	35.21	22.17	8.63	7.87	20.3	2.984	92.6	3.0	0.7
617	3/14/2016 20:16:39	12.15	35.26	22.20	8.60	7.86	15.3	2.886	92.1	3.5	0.8
618	3/14/2016 20:31:39	12.13	35.15	22.12	8.57	7.86	12.2	2.830	91.7	3.2	0.8
619	3/14/2016 20:46:39	12.09	34.61	21.75	8.57	7.85	11.7	2.753	91.3	3.1	0.7
620	3/14/2016 21:01:39	12.04	34.48	21.66	8.54	7.84	11.5	2.718	90.9	2.6	0.6
621	3/14/2016 21:16:39	11.97	34.81	21.89	8.51	7.84	11.7	2.653	90.6	3.5	0.8
622	3/14/2016 21:31:39	11.94	34.79	21.87	8.48	7.84	11.6	2.599	90.2	3.5	0.8
623	3/14/2016 21:46:39	11.91	34.60	21.74	8.46	7.83	12.0	2.557	89.8	3.3	0.8
624	3/14/2016 22:01:39	11.94	34.18	21.45	8.51	7.83	11.5	2.476	90.2	3.4	0.8
625	3/14/2016 22:16:39	11.91	34.11	21.40	8.50	7.83	11.5	2.450	90.0	3.6	0.8
626	3/14/2016 22:31:39	11.88	34.17	21.44	8.39	7.83	10.8	2.447	88.9	3.7	0.9
627	3/14/2016 22:46:39	11.89	34.03	21.35	8.37	7.82	9.6	2.408	88.6	3.2	0.8
628	3/14/2016 23:01:39	11.91	34.10	21.39	8.51	7.82	11.5	2.408	90.1	3.4	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	3/14/2016 23:16:39	11.94	33.97	21.31	8.52	7.82	10.8	2.380	90.2	3.3	0.8
630	3/14/2016 23:31:39	12.00	34.33	21.56	8.51	7.83	10.5	2.416	90.4	4.1	1.0
631	3/14/2016 23:46:39	12.04	34.22	21.48	8.54	7.83	10.1	2.443	90.8	3.4	0.8
632	3/15/2016 00:01:39	12.05	34.74	21.84	8.50	7.83	10.7	2.451	90.6	3.6	0.9
633	3/15/2016 00:16:39	12.07	34.79	21.87	8.50	7.84	10.8	2.519	90.6	3.6	0.9
634	3/15/2016 00:31:39	12.10	34.75	21.84	8.51	7.84	20.0	2.561	90.8	3.2	0.8
635	3/15/2016 00:46:39	12.11	34.58	21.73	8.55	7.84	14.7	2.623	91.1	3.2	0.7
636	3/15/2016 01:01:39	12.14	34.78	21.87	8.58	7.85	14.8	2.682	91.6	3.4	0.8
637	3/15/2016 01:16:39	12.14	34.80	21.88	8.58	7.85	12.8	2.747	91.7	3.4	0.8
638	3/15/2016 01:31:39	12.15	34.88	21.94	8.60	7.85	12.3	2.838	91.9	3.1	0.7
639	3/15/2016 01:46:39	12.14	35.14	22.12	8.61	7.86	13.4	2.915	92.1	3.1	0.7
640	3/15/2016 02:01:39	12.13	35.18	22.14	8.61	7.86	12.2	2.974	92.1	2.5	0.6
641	3/15/2016 02:16:39	12.12	35.53	22.39	8.63	7.87	12.7	3.052	92.4	3.2	0.8
642	3/15/2016 02:31:39	12.15	35.84	22.60	8.65	7.88	13.3	3.118	92.8	3.0	0.7
643	3/15/2016 02:46:39	12.17	35.94	22.67	8.65	7.88	12.4	3.202	92.9	3.2	0.8
644	3/15/2016 03:01:39	12.21	36.70	23.20	8.68	7.90	13.6	3.301	93.6	2.4	0.6
645	3/15/2016 03:16:39	12.23	36.86	23.32	8.68	7.91	16.1	3.373	93.8	2.9	0.7
646	3/15/2016 03:31:39	12.30	37.93	24.06	8.68	7.93	18.3	3.441	94.3	2.8	0.7
647	3/15/2016 03:46:39	12.38	39.26	25.00	8.68	7.95	23.0	3.529	95.0	2.4	0.6
648	3/15/2016 04:01:39	12.44	40.03	25.54	8.67	7.97	31.5	3.621	95.3	2.5	0.6
649	3/15/2016 04:16:39	12.43	40.19	25.65	8.70	7.97	26.7	3.683	95.7	2.3	0.5
650	3/15/2016 04:31:39	12.47	40.82	26.10	8.69	7.98	22.8	3.741	96.0	3.1	0.7
651	3/15/2016 04:46:39	12.48	41.02	26.24	8.71	7.99	22.4	3.775	96.3	1.8	0.4
652	3/15/2016 05:01:39	12.44	40.47	25.85	8.79	7.99	20.9	3.849	96.9	1.6	0.4
653	3/15/2016 05:16:39	12.44	40.46	25.84	8.82	7.99	19.2	3.864	97.2	1.9	0.4
654	3/15/2016 05:31:39	12.44	40.58	25.93	8.68	7.99	16.9	3.865	95.6	2.3	0.5
655	3/15/2016 05:46:39	12.47	40.77	26.06	8.60	7.99	18.9	3.880	94.9	2.6	0.6
656	3/15/2016 06:01:39	12.48	40.99	26.22	8.67	7.99	20.9	3.860	95.8	1.8	0.4
657	3/15/2016 06:16:39	12.44	40.57	25.92	8.64	7.98	20.6	3.797	95.2	2.4	0.6
658	3/15/2016 06:31:39	12.19	38.39	24.38	8.62	7.96	17.4	3.740	93.6	2.7	0.6
659	3/15/2016 06:46:39	12.34	39.67	25.28	8.57	7.96	16.6	3.669	93.9	2.3	0.5
660	3/15/2016 07:01:39	12.31	39.21	24.95	8.60	7.96	20.8	3.581	94.0	2.5	0.6
661	3/15/2016 07:16:39	12.26	38.58	24.51	8.61	7.95	23.4	3.496	93.7	3.1	0.7
662	3/15/2016 07:31:39	12.20	37.85	24.00	8.60	7.93	35.8	3.415	93.2	2.9	0.7
663	3/15/2016 07:46:39	12.20	37.87	24.02	8.59	7.93	25.1	3.308	93.0	3.5	0.8
664	3/15/2016 08:01:39	12.03	36.97	23.38	8.58	7.91	16.3	3.222	92.3	2.6	0.6
665	3/15/2016 08:16:39	12.08	36.99	23.40	8.59	7.91	17.6	3.129	92.5	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	3/15/2016 08:31:39	11.94	36.22	22.86	8.62	7.90	15.2	3.018	92.2	2.4	0.6
667	3/15/2016 08:46:39	11.94	36.25	22.88	8.61	7.90	13.3	2.935	92.1	2.1	0.5
668	3/15/2016 09:01:39	11.93	36.26	22.89	8.62	7.90	12.0	2.830	92.2	2.8	0.7
669	3/15/2016 09:16:39	11.96	36.09	22.77	8.61	7.89	11.2	2.725	92.1	2.9	0.7
670	3/15/2016 09:31:39	11.98	35.87	22.62	8.57	7.88	13.9	2.621	91.6	3.1	0.7
671	3/15/2016 09:46:39	12.03	35.66	22.47	8.57	7.87	12.3	2.521	91.6	2.8	0.7
672	3/15/2016 10:01:39	12.06	35.37	22.28	8.57	7.86	12.1	2.406	91.6	3.3	0.8
673	3/15/2016 10:16:39	12.11	35.16	22.13	8.61	7.86	11.9	2.306	92.0	2.8	0.7
674	3/15/2016 10:31:39	12.17	34.82	21.90	8.63	7.86	10.9	2.212	92.2	3.2	0.8
675	3/15/2016 10:46:39	12.21	34.63	21.77	8.61	7.85	11.2	2.072	92.0	3.4	0.8
676	3/15/2016 11:01:39	12.31	34.56	21.72	8.63	7.85	13.2	1.993	92.4	2.7	0.6
677	3/15/2016 11:16:39	12.44	34.60	21.75	8.66	7.86	14.7	1.904	93.0	3.0	0.7
678	3/15/2016 11:31:39	12.49	34.50	21.68	8.65	7.85	13.9	1.834	92.9	3.3	0.8
679	3/15/2016 11:46:39	12.40	34.25	21.51	8.61	7.84	12.0	1.765	92.3	3.2	0.8
680	3/15/2016 12:01:39	12.45	34.31	21.55	8.55	7.84	9.5	1.744	91.8	3.1	0.7
681	3/15/2016 12:16:39	12.54	34.41	21.62	8.64	7.85	14.1	1.750	92.9	3.7	0.9
682	3/15/2016 12:31:39	12.51	34.16	21.45	8.65	7.85	10.3	1.721	92.9	3.6	0.9
683	3/15/2016 12:46:39	12.42	34.45	21.64	8.65	7.84	11.0	1.759	92.8	3.1	0.7
684	3/15/2016 13:01:39	12.19	34.79	21.88	8.53	7.84	11.4	1.798	91.2	3.5	0.8
685	3/15/2016 13:16:39	12.40	34.23	21.50	8.60	7.84	10.6	1.828	92.1	2.5	0.6
686	3/15/2016 13:31:39	12.24	34.65	21.78	8.54	7.84	10.7	1.897	91.3	3.0	0.7
687	3/15/2016 13:46:39	12.23	34.50	21.68	8.54	7.83	10.7	1.955	91.2	2.9	0.7
688	3/15/2016 14:01:39	12.23	34.37	21.59	8.54	7.83	10.6	2.023	91.2	3.0	0.7
689	3/15/2016 14:16:39	12.21	34.33	21.56	8.54	7.83	10.8	2.070	91.2	3.3	0.8
690	3/15/2016 14:31:39	12.19	34.33	21.56	8.52	7.83	10.3	2.135	90.8	3.0	0.7
691	3/15/2016 14:46:39	12.15	34.30	21.54	8.51	7.83	10.0	2.202	90.7	2.7	0.6
692	3/15/2016 15:01:39	12.08	34.59	21.74	8.53	7.84	11.1	2.258	90.8	3.2	0.8
693	3/15/2016 15:16:39	12.05	34.78	21.87	8.53	7.84	11.6	2.334	90.9	2.8	0.7
694	3/15/2016 15:31:39	12.02	35.13	22.11	8.55	7.85	12.3	2.412	91.2	2.9	0.7
695	3/15/2016 15:46:39	12.03	34.93	21.97	8.55	7.86	12.5	2.504	91.2	3.1	0.7
696	3/15/2016 16:01:39	12.08	35.31	22.23	8.57	7.86	13.1	2.594	91.6	2.7	0.6
697	3/15/2016 16:16:39	12.16	35.24	22.19	8.58	7.86	12.5	2.644	91.8	3.3	0.8
698	3/15/2016 16:31:39	12.24	35.40	22.30	8.58	7.87	12.2	2.729	92.1	3.1	0.7
699	3/15/2016 16:46:39	12.44	35.49	22.37	8.58	7.87	12.3	2.794	92.5	3.4	0.8
700	3/15/2016 17:01:39	12.37	35.80	22.58	8.57	7.88	13.1	2.845	92.4	2.8	0.7
701	3/15/2016 17:16:39	12.23	36.19	22.85	8.58	7.88	13.1	2.905	92.4	2.9	0.7
702	3/15/2016 17:31:39	12.15	36.43	23.01	8.55	7.89	14.7	2.980	92.0	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	3/15/2016 17:46:39	12.20	36.32	22.93	8.57	7.89	13.7	3.028	92.2	3.0	0.7
704	3/15/2016 18:01:39	12.17	36.48	23.05	8.57	7.89	13.3	3.078	92.2	2.5	0.6
705	3/15/2016 18:16:39	12.19	36.58	23.12	8.56	7.89	12.5	3.148	92.2	2.6	0.6
706	3/15/2016 18:31:39	12.17	36.64	23.16	8.57	7.90	11.9	3.198	92.3	2.9	0.7
707	3/15/2016 18:46:39	12.15	36.85	23.30	8.58	7.90	12.4	3.226	92.4	2.1	0.5
708	3/15/2016 19:01:39	12.17	36.88	23.33	8.57	7.90	11.4	3.226	92.4	2.9	0.7
709	3/15/2016 19:16:39	12.16	36.90	23.34	8.49	7.90	9.0	3.262	91.6	2.3	0.5
710	3/15/2016 19:31:39	12.15	36.79	23.27	8.48	7.90	10.5	3.258	91.4	2.7	0.6
711	3/15/2016 19:46:39	12.15	36.67	23.18	8.49	7.90	11.8	3.227	91.5	2.1	0.5
712	3/15/2016 20:01:39	12.20	36.39	22.99	8.50	7.89	15.3	3.215	91.5	2.7	0.6
713	3/15/2016 20:16:39	12.24	36.22	22.87	8.50	7.89	11.5	3.179	91.5	2.7	0.6
714	3/15/2016 20:31:39	12.40	35.64	22.47	8.55	7.88	12.1	3.123	92.2	3.3	0.8
715	3/15/2016 20:46:39	12.37	35.48	22.36	8.56	7.88	12.3	3.056	92.1	3.0	0.7
716	3/15/2016 21:01:39	12.36	35.50	22.37	8.55	7.88	12.5	3.004	92.0	3.2	0.8
717	3/15/2016 21:16:39	12.45	35.15	22.13	8.56	7.87	11.2	2.949	92.1	2.6	0.6
718	3/15/2016 21:31:39	12.48	35.02	22.04	8.57	7.87	10.1	2.886	92.2	3.4	0.8
719	3/15/2016 21:46:39	12.38	35.40	22.30	8.55	7.87	9.6	2.832	92.0	3.4	0.8
720	3/15/2016 22:01:39	12.39	34.86	21.93	8.55	7.86	8.9	2.771	91.8	3.4	0.8
721	3/15/2016 22:16:39	12.40	34.70	21.82	8.55	7.86	8.9	2.729	91.7	3.3	0.8
722	3/15/2016 22:31:39	12.35	34.49	21.67	8.51	7.85	8.6	2.672	91.2	3.4	0.8
723	3/15/2016 22:46:39	12.29	34.69	21.81	8.49	7.86	8.9	2.630	90.9	3.5	0.8
724	3/15/2016 23:01:39	12.22	34.59	21.74	8.49	7.85	9.0	2.598	90.7	3.6	0.8
725	3/15/2016 23:16:39	12.28	34.51	21.69	8.46	7.85	9.2	2.564	90.5	3.4	0.8
726	3/15/2016 23:31:39	12.26	34.42	21.62	8.45	7.85	9.8	2.543	90.3	3.5	0.8
727	3/15/2016 23:46:39	12.27	34.55	21.71	8.31	7.84	7.3	2.520	88.9	3.4	0.8
728	3/16/2016 00:01:39	12.29	34.63	21.77	8.47	7.85	9.4	2.493	90.7	3.8	0.9
729	3/16/2016 00:16:39	12.30	34.35	21.58	8.48	7.84	9.5	2.492	90.7	3.4	0.8
730	3/16/2016 00:31:39	12.35	34.20	21.47	8.52	7.85	8.3	2.512	91.2	3.6	0.9
731	3/16/2016 00:46:39	12.36	34.34	21.57	8.48	7.84	8.6	2.516	90.8	3.5	0.8
732	3/16/2016 01:01:39	12.39	34.44	21.64	8.54	7.85	8.1	2.523	91.5	3.4	0.8
733	3/16/2016 01:16:39	12.39	34.76	21.86	8.51	7.85	8.5	2.573	91.4	3.3	0.8
734	3/16/2016 01:31:39	12.38	34.77	21.87	8.50	7.85	9.3	2.618	91.3	3.1	0.7
735	3/16/2016 01:46:39	12.39	34.84	21.92	8.49	7.86	13.2	2.653	91.2	2.7	0.6
736	3/16/2016 02:01:39	12.42	34.68	21.80	8.54	7.85	10.0	2.697	91.7	3.3	0.8
737	3/16/2016 02:16:39	12.43	34.79	21.89	8.56	7.86	9.0	2.746	92.0	3.2	0.8
738	3/16/2016 02:31:39	12.43	35.04	22.05	8.57	7.87	8.7	2.823	92.2	2.8	0.6
739	3/16/2016 02:46:39	12.48	34.95	21.99	8.60	7.87	8.5	2.882	92.5	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	3/16/2016 03:01:39	12.48	35.42	22.32	8.62	7.89	9.2	2.942	93.0	2.8	0.7
741	3/16/2016 03:16:39	12.45	35.49	22.37	8.65	7.89	10.1	3.006	93.2	2.8	0.7
742	3/16/2016 03:31:39	12.38	35.37	22.28	8.68	7.89	10.8	3.085	93.4	2.7	0.6
743	3/16/2016 03:46:39	12.43	35.70	22.51	8.70	7.90	10.3	3.148	93.9	2.7	0.6
744	3/16/2016 04:01:39	12.44	36.11	22.80	8.73	7.92	10.6	3.231	94.4	2.9	0.7
745	3/16/2016 04:16:39	12.43	36.05	22.76	8.75	7.92	10.2	3.304	94.5	2.9	0.7
746	3/16/2016 04:31:39	12.37	36.08	22.78	8.81	7.94	10.5	3.365	95.1	2.5	0.6
747	3/16/2016 04:46:39	12.34	36.52	23.08	8.84	7.96	11.2	3.442	95.5	2.3	0.5
748	3/16/2016 05:01:39	12.29	36.61	23.14	8.94	7.98	11.8	3.506	96.5	2.2	0.5
749	3/16/2016 05:16:39	12.35	37.02	23.42	8.90	7.98	12.2	3.559	96.4	2.3	0.5
750	3/16/2016 05:31:39	12.36	37.10	23.49	8.92	7.99	11.6	3.624	96.6	2.0	0.5
751	3/16/2016 05:46:39	12.39	37.46	23.74	8.90	7.99	11.5	3.673	96.6	1.8	0.4
752	3/16/2016 06:01:38	12.46	37.84	24.00	8.87	8.00	12.8	3.711	96.7	2.2	0.5
753	3/16/2016 06:16:38	12.47	37.96	24.08	8.91	8.00	12.5	3.740	97.2	1.4	0.3
754	3/16/2016 06:31:38	12.47	38.03	24.13	8.76	8.00	9.5	3.744	95.5	1.9	0.5
755	3/16/2016 06:46:38	12.49	38.23	24.27	8.78	8.00	13.3	3.745	95.9	1.8	0.4
756	3/16/2016 07:01:38	12.50	38.21	24.26	8.81	8.01	13.0	3.733	96.2	1.2	0.3
757	3/16/2016 07:16:38	12.48	37.97	24.09	8.80	8.01	11.9	3.703	96.0	1.9	0.4
758	3/16/2016 07:31:38	12.29	36.55	23.10	8.74	7.96	11.2	3.663	94.4	2.4	0.6
759	3/16/2016 07:46:38	12.32	36.90	23.35	8.75	7.97	11.6	3.592	94.7	2.1	0.5
760	3/16/2016 08:01:38	12.21	36.24	22.88	8.78	7.96	12.6	3.525	94.5	2.2	0.5
761	3/16/2016 08:16:38	12.15	35.85	22.61	8.69	7.94	12.2	3.445	93.3	2.1	0.5
762	3/16/2016 08:31:38	12.09	35.61	22.44	8.70	7.93	12.1	3.367	93.2	2.5	0.6
763	3/16/2016 08:46:38	12.15	35.77	22.55	8.66	7.93	11.4	3.288	92.9	2.8	0.7
764	3/16/2016 09:01:38	12.25	36.00	22.72	8.61	7.92	12.0	3.191	92.7	2.5	0.6
765	3/16/2016 09:16:38	12.11	35.54	22.39	8.64	7.91	11.1	3.107	92.5	2.5	0.6
766	3/16/2016 09:31:38	12.16	35.72	22.52	8.68	7.92	9.3	3.016	93.1	2.4	0.6
767	3/16/2016 09:46:38	12.20	35.63	22.46	8.68	7.92	9.1	2.911	93.2	1.9	0.4
768	3/16/2016 10:01:38	12.24	35.12	22.11	8.63	7.89	12.6	2.817	92.4	3.4	0.8
769	3/16/2016 10:16:38	12.31	34.76	21.86	8.61	7.88	11.5	2.715	92.3	3.0	0.7
770	3/16/2016 10:31:38	12.36	34.57	21.73	8.63	7.88	10.6	2.610	92.6	3.0	0.7
771	3/16/2016 10:46:38	12.41	34.64	21.78	8.65	7.88	10.1	2.510	92.8	2.8	0.7
772	3/16/2016 11:01:38	12.44	34.63	21.77	8.62	7.88	11.5	2.412	92.6	3.6	0.8
773	3/16/2016 11:16:38	12.51	34.49	21.68	8.64	7.88	11.6	2.300	92.9	2.9	0.7
774	3/16/2016 11:31:38	12.71	34.41	21.62	8.73	7.88	11.2	2.185	94.2	2.5	0.6
775	3/16/2016 11:46:38	12.83	34.33	21.57	8.67	7.88	10.3	2.079	93.8	3.2	0.7
776	3/16/2016 12:01:38	13.11	34.27	21.54	8.66	7.88	9.7	1.982	94.2	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	3/16/2016 12:16:38	13.18	34.33	21.58	8.66	7.88	9.0	1.905	94.4	2.8	0.7
778	3/16/2016 12:31:38	13.58	34.42	21.65	8.76	7.89	9.8	1.807	96.3	3.2	0.8
779	3/16/2016 12:46:38	13.45	34.35	21.60	8.70	7.88	8.6	1.736	95.4	2.8	0.6
780	3/16/2016 13:01:38	13.34	34.24	21.52	8.58	7.88	7.8	1.708	93.8	2.4	0.6
781	3/16/2016 13:16:38	12.71	34.26	21.52	8.46	7.85	7.9	1.690	91.2	3.9	0.9
782	3/16/2016 13:31:38	12.67	34.25	21.51	8.49	7.85	8.2	1.676	91.5	3.4	0.8
783	3/16/2016 13:46:38	12.69	34.33	21.57	8.51	7.85	7.6	1.683	91.8	3.1	0.7
784	3/16/2016 14:01:38	12.75	34.38	21.61	8.54	7.85	8.5	1.736	92.2	3.4	0.8
785	3/16/2016 14:16:38	12.93	34.35	21.59	8.61	7.86	8.6	1.754	93.3	3.5	0.8
786	3/16/2016 14:31:38	12.97	34.42	21.64	8.59	7.86	8.6	1.813	93.2	3.6	0.8
787	3/16/2016 14:46:38	13.00	34.01	21.36	8.59	7.85	9.1	1.863	93.1	3.3	0.8
788	3/16/2016 15:01:38	13.02	33.87	21.26	8.60	7.85	8.5	1.917	93.2	3.3	0.8
789	3/16/2016 15:16:38	12.91	33.98	21.34	8.58	7.85	8.8	1.992	92.9	3.4	0.8
790	3/16/2016 15:31:38	12.82	33.92	21.29	8.57	7.85	8.6	2.055	92.5	3.2	0.8
791	3/16/2016 15:46:38	12.77	34.03	21.36	8.54	7.85	8.3	2.119	92.1	3.5	0.8
792	3/16/2016 16:01:38	12.69	34.21	21.49	8.51	7.85	7.8	2.188	91.7	3.2	0.8
793	3/16/2016 16:16:38	12.62	34.41	21.62	8.50	7.85	9.7	2.259	91.6	2.8	0.7
794	3/16/2016 16:31:38	12.58	34.72	21.84	8.52	7.86	9.3	2.330	91.9	2.9	0.7
795	3/16/2016 16:46:38	12.62	34.56	21.73	8.56	7.87	9.7	2.414	92.3	3.0	0.7
796	3/16/2016 17:01:38	12.52	35.02	22.05	8.56	7.88	10.4	2.474	92.2	3.3	0.8
797	3/16/2016 17:16:38	12.50	35.09	22.09	8.55	7.88	10.4	2.551	92.2	2.7	0.6
798	3/16/2016 17:31:38	12.48	35.17	22.15	8.54	7.88	10.6	2.620	92.0	3.3	0.8
799	3/16/2016 17:46:38	12.46	35.15	22.13	8.55	7.88	11.4	2.699	92.0	2.5	0.6
800	3/16/2016 18:01:38	12.54	35.20	22.17	8.59	7.89	11.1	2.753	92.7	2.3	0.6
801	3/16/2016 18:16:38	12.60	35.05	22.06	8.62	7.89	10.8	2.831	93.1	2.9	0.7
802	3/16/2016 18:31:38	12.62	35.31	22.25	8.63	7.90	10.8	2.900	93.3	2.7	0.6
803	3/16/2016 18:46:38	12.49	35.65	22.48	8.61	7.90	12.4	2.969	93.0	2.9	0.7
804	3/16/2016 19:01:38	12.51	35.74	22.54	8.62	7.91	14.2	3.029	93.2	2.4	0.6
805	3/16/2016 19:16:38	12.50	35.86	22.63	8.63	7.91	12.8	3.085	93.3	2.8	0.7
806	3/16/2016 19:31:38	12.45	36.04	22.75	8.63	7.92	14.8	3.142	93.3	2.5	0.6
807	3/16/2016 19:46:38	12.46	36.20	22.86	8.64	7.92	13.1	3.182	93.5	2.6	0.6
808	3/16/2016 20:01:38	12.60	36.02	22.74	8.64	7.92	11.1	3.222	93.7	3.0	0.7
809	3/16/2016 20:16:38	12.50	36.57	23.12	8.65	7.94	11.5	3.252	93.8	2.5	0.6
810	3/16/2016 20:31:38	12.56	36.29	22.92	8.51	7.93	10.9	3.277	92.3	2.8	0.7
811	3/16/2016 20:46:38	12.51	36.36	22.97	8.55	7.93	11.6	3.269	92.7	2.0	0.5
812	3/16/2016 21:01:38	12.51	36.36	22.97	8.50	7.92	13.1	3.265	92.1	2.4	0.6
813	3/16/2016 21:16:38	12.52	35.88	22.64	8.53	7.91	14.6	3.244	92.3	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	3/16/2016 21:31:38	12.52	35.88	22.64	8.54	7.91	15.0	3.191	92.4	2.9	0.7
815	3/16/2016 21:46:38	12.57	36.13	22.81	8.57	7.92	14.3	3.147	92.9	2.7	0.6
816	3/16/2016 22:01:38	12.69	35.94	22.69	8.61	7.92	13.3	3.087	93.5	3.1	0.7
817	3/16/2016 22:16:38	12.80	35.81	22.60	8.61	7.92	11.5	3.025	93.7	3.5	0.8
818	3/16/2016 22:31:38	12.89	35.66	22.49	8.58	7.92	12.3	2.969	93.5	3.0	0.7
819	3/16/2016 22:46:38	12.71	35.44	22.34	8.57	7.90	11.2	2.914	92.9	3.5	0.8
820	3/16/2016 23:01:38	12.66	35.34	22.27	8.53	7.89	10.4	2.859	92.3	3.1	0.7
821	3/16/2016 23:16:38	12.65	35.32	22.26	8.50	7.89	10.7	2.793	92.0	2.6	0.6
822	3/16/2016 23:31:38	12.67	35.11	22.11	8.49	7.88	10.7	2.738	91.8	3.2	0.8
823	3/16/2016 23:46:38	12.74	35.33	22.26	8.46	7.89	10.4	2.689	91.8	3.2	0.8
824	3/17/2016 00:01:38	12.69	34.91	21.97	8.45	7.87	10.7	2.643	91.4	2.7	0.6
825	3/17/2016 00:16:38	12.76	34.53	21.71	8.42	7.86	11.3	2.595	91.0	3.1	0.7
826	3/17/2016 00:31:38	12.76	34.63	21.78	8.39	7.86	10.7	2.551	90.8	3.5	0.8
827	3/17/2016 00:46:38	12.77	34.80	21.89	8.36	7.86	11.2	2.519	90.5	3.2	0.7
828	3/17/2016 01:01:38	12.82	34.56	21.73	8.35	7.86	11.1	2.487	90.4	3.7	0.9
829	3/17/2016 01:16:38	12.81	34.40	21.62	8.33	7.85	11.2	2.470	90.0	3.2	0.8
830	3/17/2016 01:31:38	12.76	34.46	21.66	8.28	7.85	9.5	2.452	89.5	3.2	0.8
831	3/17/2016 01:46:38	12.83	34.28	21.54	8.37	7.85	11.1	2.455	90.5	3.4	0.8
832	3/17/2016 02:01:38	12.89	34.09	21.41	8.40	7.85	11.9	2.461	90.9	3.8	0.9
833	3/17/2016 02:16:38	12.78	34.33	21.58	8.35	7.84	10.8	2.472	90.3	3.3	0.8
834	3/17/2016 02:31:38	12.74	34.72	21.84	8.41	7.86	10.6	2.508	91.0	3.6	0.9
835	3/17/2016 02:46:38	12.75	34.47	21.67	8.42	7.86	10.6	2.536	90.9	3.3	0.8
836	3/17/2016 03:01:38	12.73	34.50	21.69	8.41	7.86	10.8	2.583	90.8	3.4	0.8
837	3/17/2016 03:16:38	12.71	34.56	21.73	8.42	7.86	11.2	2.632	90.9	3.2	0.8
838	3/17/2016 03:31:38	12.71	34.58	21.74	8.45	7.87	10.8	2.681	91.3	3.5	0.8
839	3/17/2016 03:46:38	12.70	35.08	22.09	8.47	7.88	9.7	2.749	91.7	3.3	0.8
840	3/17/2016 04:01:38	12.70	35.14	22.13	8.49	7.89	9.5	2.793	91.9	3.4	0.8
841	3/17/2016 04:16:38	12.72	35.33	22.26	8.50	7.90	10.1	2.873	92.1	2.4	0.6
842	3/17/2016 04:31:38	12.72	35.53	22.40	8.52	7.90	10.8	2.935	92.5	3.2	0.8
843	3/17/2016 04:46:38	12.71	35.95	22.69	8.53	7.92	9.8	2.990	92.7	2.8	0.7
844	3/17/2016 05:01:38	12.71	36.25	22.90	8.53	7.93	10.0	3.072	92.8	2.9	0.7
845	3/17/2016 05:16:38	12.73	36.79	23.27	8.56	7.94	10.6	3.145	93.4	2.7	0.6
846	3/17/2016 05:31:38	12.77	37.91	24.06	8.55	7.96	11.4	3.211	93.8	2.6	0.6
847	3/17/2016 05:46:38	12.78	38.74	24.64	8.56	7.98	11.5	3.286	94.3	1.9	0.4
848	3/17/2016 06:01:38	12.79	38.92	24.77	8.56	7.98	10.9	3.363	94.4	2.0	0.5
849	3/17/2016 06:16:38	12.78	38.98	24.81	8.56	7.98	11.8	3.425	94.3	2.6	0.6
850	3/17/2016 06:31:38	12.78	39.37	25.08	8.57	7.99	10.1	3.485	94.6	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	3/17/2016 06:46:38	12.79	39.82	25.40	8.55	7.99	10.2	3.536	94.6	2.6	0.6
852	3/17/2016 07:01:38	12.79	40.19	25.66	8.54	8.00	10.1	3.579	94.7	1.9	0.5
853	3/17/2016 07:16:38	12.79	40.83	26.11	8.53	8.00	10.1	3.614	94.9	2.4	0.6
854	3/17/2016 07:31:38	12.79	40.92	26.18	8.50	8.00	10.6	3.635	94.6	2.2	0.5
855	3/17/2016 07:46:38	12.79	40.29	25.73	8.35	7.99	8.6	3.653	92.6	1.7	0.4
856	3/17/2016 08:01:38	12.80	41.00	26.23	8.40	8.00	10.8	3.649	93.5	1.5	0.4
857	3/17/2016 08:16:38	12.80	40.51	25.88	8.40	7.99	9.4	3.628	93.3	1.8	0.4
858	3/17/2016 08:31:38	12.76	39.85	25.42	8.42	7.99	9.3	3.596	93.2	1.9	0.4
859	3/17/2016 08:46:38	12.73	38.87	24.73	8.39	7.97	9.2	3.550	92.3	2.1	0.5
860	3/17/2016 09:01:38	12.71	37.50	23.77	8.43	7.96	11.4	3.491	92.2	2.5	0.6
861	3/17/2016 09:16:38	12.69	36.63	23.16	8.38	7.94	10.9	3.426	91.3	2.2	0.5
862	3/17/2016 09:31:38	12.70	35.90	22.66	8.33	7.92	11.2	3.355	90.5	2.6	0.6
863	3/17/2016 09:46:38	12.73	35.88	22.64	8.40	7.91	9.1	3.258	91.2	2.8	0.7
864	3/17/2016 10:01:38	12.75	36.42	23.02	8.45	7.92	8.6	3.169	92.1	2.6	0.6
865	3/17/2016 10:16:38	12.80	36.34	22.96	8.46	7.93	11.4	3.086	92.2	2.3	0.5
866	3/17/2016 10:31:38	12.87	36.38	23.00	8.44	7.93	9.6	2.998	92.2	2.2	0.5
867	3/17/2016 10:46:38	12.93	36.45	23.04	8.46	7.93	9.5	2.908	92.6	2.7	0.6
868	3/17/2016 11:01:38	13.12	36.26	22.92	8.51	7.94	8.7	2.806	93.5	2.5	0.6
869	3/17/2016 11:16:38	13.16	36.28	22.93	8.51	7.94	8.9	2.714	93.5	2.8	0.7
870	3/17/2016 11:31:38	13.25	35.90	22.67	8.51	7.93	8.7	2.617	93.5	2.3	0.5
871	3/17/2016 11:46:38	13.27	35.80	22.60	8.49	7.92	9.3	2.515	93.3	2.7	0.6
872	3/17/2016 12:01:38	13.40	35.31	22.27	8.49	7.91	9.2	2.408	93.4	3.1	0.7
873	3/17/2016 12:16:38	13.61	35.24	22.22	8.53	7.91	9.7	2.302	94.2	2.5	0.6
874	3/17/2016 12:31:38	13.73	35.25	22.23	8.53	7.91	9.8	2.201	94.4	2.7	0.6
875	3/17/2016 12:46:38	14.02	34.91	22.00	8.64	7.91	9.7	2.093	96.0	2.6	0.6
876	3/17/2016 13:01:38	14.22	34.89	21.99	8.60	7.91	9.4	1.982	96.0	3.0	0.7
877	3/17/2016 13:16:38	14.24	34.60	21.79	8.57	7.90	9.0	1.894	95.6	3.2	0.7
878	3/17/2016 13:31:38	14.06	34.46	21.68	8.53	7.89	9.1	1.816	94.8	2.6	0.6
879	3/17/2016 13:46:38	13.78	34.58	21.77	8.44	7.89	9.2	1.740	93.2	3.2	0.7
880	3/17/2016 14:01:38	14.86	34.35	21.62	8.64	7.92	8.9	1.678	97.5	3.2	0.8
881	3/17/2016 14:16:38	15.24	34.53	21.75	8.71	7.93	9.4	1.625	99.2	2.9	0.7
882	3/17/2016 14:31:38	15.10	34.61	21.80	8.64	7.92	7.9	1.610	98.2	3.2	0.8
883	3/17/2016 14:46:38	14.97	34.23	21.54	8.65	7.91	9.1	1.614	97.9	3.3	0.8
884	3/17/2016 15:01:38	14.52	34.51	21.73	8.60	7.90	8.5	1.621	96.5	3.3	0.8
885	3/17/2016 15:16:38	13.83	34.76	21.89	8.49	7.89	8.6	1.648	94.0	2.9	0.7
886	3/17/2016 15:31:38	14.58	34.38	21.64	8.59	7.89	8.8	1.699	96.5	3.5	0.8
887	3/17/2016 15:46:38	13.99	34.57	21.76	8.46	7.88	8.9	1.765	93.9	3.2	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	3/17/2016 16:01:38	14.16	33.88	21.29	8.49	7.88	11.2	1.832	94.3	3.6	0.8
889	3/17/2016 16:16:38	14.02	33.92	21.31	8.45	7.87	10.3	1.897	93.6	2.9	0.7
890	3/17/2016 16:31:38	13.88	33.82	21.24	8.44	7.87	9.2	1.978	93.2	3.5	0.8
891	3/17/2016 16:46:38	13.75	34.47	21.68	8.43	7.87	8.6	2.053	93.0	2.7	0.6
892	3/17/2016 17:01:38	13.65	34.62	21.79	8.42	7.88	10.3	2.131	92.8	2.8	0.6
893	3/17/2016 17:16:38	13.54	35.05	22.08	8.41	7.89	10.1	2.199	92.6	2.9	0.7
894	3/17/2016 17:31:38	13.50	35.27	22.24	8.41	7.89	10.2	2.273	92.7	3.4	0.8
895	3/17/2016 17:46:38	13.48	35.54	22.43	8.43	7.90	9.5	2.358	92.9	2.5	0.6
896	3/17/2016 18:01:38	13.54	35.74	22.57	8.47	7.91	9.6	2.433	93.6	3.0	0.7
897	3/17/2016 18:16:38	13.61	35.83	22.63	8.49	7.92	8.8	2.508	94.0	2.8	0.7
898	3/17/2016 18:31:38	13.83	35.36	22.31	8.53	7.92	10.9	2.583	94.7	3.4	0.8
899	3/17/2016 18:46:38	13.64	35.82	22.62	8.50	7.93	8.9	2.661	94.1	3.0	0.7
900	3/17/2016 19:01:38	13.34	36.58	23.14	8.46	7.93	8.7	2.745	93.4	2.6	0.6
901	3/17/2016 19:16:38	13.08	37.19	23.57	8.38	7.93	10.5	2.816	92.3	2.8	0.6
902	3/17/2016 19:31:38	13.05	37.30	23.64	8.37	7.93	10.4	2.899	92.2	2.6	0.6
903	3/17/2016 19:46:38	13.09	37.43	23.73	8.38	7.94	15.6	2.973	92.4	2.3	0.5
904	3/17/2016 20:01:38	13.10	37.63	23.87	8.38	7.94	16.6	3.050	92.5	2.9	0.7
905	3/17/2016 20:16:38	13.09	38.15	24.23	8.39	7.95	28.1	3.121	92.8	3.3	0.8
906	3/17/2016 20:31:38	13.14	38.85	24.73	8.37	7.96	27.5	3.195	92.9	2.8	0.6
907	3/17/2016 20:46:38	13.22	39.35	25.08	8.36	7.97	19.7	3.246	93.2	2.5	0.6
908	3/17/2016 21:01:38	13.31	39.69	25.32	8.40	7.98	17.4	3.291	94.0	2.6	0.6
909	3/17/2016 21:16:38	13.33	39.77	25.38	8.40	7.98	12.5	3.325	94.0	2.5	0.6
910	3/17/2016 21:31:38	13.33	39.92	25.49	8.33	7.98	11.8	3.352	93.4	2.3	0.5
911	3/17/2016 21:46:38	13.33	39.92	25.49	8.16	7.98	9.0	3.359	91.4	2.0	0.5
912	3/17/2016 22:01:38	13.29	39.63	25.28	8.28	7.98	11.3	3.342	92.5	2.1	0.5
913	3/17/2016 22:16:38	13.24	39.49	25.18	8.28	7.97	11.4	3.322	92.4	2.5	0.6
914	3/17/2016 22:31:38	13.20	39.18	24.96	8.26	7.96	10.9	3.296	92.0	2.3	0.5
915	3/17/2016 22:46:38	13.24	38.21	24.28	8.28	7.96	11.5	3.240	91.9	2.6	0.6
916	3/17/2016 23:01:38	13.32	37.32	23.66	8.27	7.94	13.2	3.172	91.5	2.9	0.7
917	3/17/2016 23:16:38	13.27	37.42	23.73	8.25	7.94	13.0	3.122	91.3	3.3	0.8
918	3/17/2016 23:31:38	13.22	37.52	23.80	8.26	7.94	15.5	3.060	91.4	2.3	0.5
919	3/17/2016 23:46:38	13.28	37.03	23.45	8.27	7.93	10.6	2.970	91.3	2.6	0.6
920	3/18/2016 00:01:38	13.34	36.59	23.15	8.27	7.92	9.4	2.904	91.3	2.3	0.5
921	3/18/2016 00:16:38	13.33	36.50	23.09	8.31	7.92	11.5	2.844	91.7	2.7	0.6
922	3/18/2016 00:31:38	13.37	36.27	22.93	8.23	7.91	9.0	2.784	90.9	3.0	0.7
923	3/18/2016 00:46:38	13.39	36.37	23.00	8.25	7.91	8.9	2.706	91.2	2.5	0.6
924	3/18/2016 01:01:38	13.46	36.18	22.87	8.26	7.91	8.2	2.642	91.3	2.3	0.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	3/18/2016 01:16:38	13.50	35.99	22.74	8.25	7.91	8.1	2.607	91.1	2.7	0.6
926	3/18/2016 01:31:38	13.52	35.84	22.63	8.24	7.91	7.6	2.549	91.0	3.1	0.7
927	3/18/2016 01:46:38	13.58	35.63	22.49	8.24	7.90	7.7	2.498	91.1	3.0	0.7
928	3/18/2016 02:01:38	13.66	35.36	22.30	8.26	7.90	7.2	2.465	91.3	2.9	0.7
929	3/18/2016 02:16:38	13.65	35.53	22.42	8.21	7.89	7.2	2.446	90.9	3.3	0.8
930	3/18/2016 02:31:38	13.71	35.20	22.19	8.23	7.89	7.1	2.425	91.0	3.0	0.7
931	3/18/2016 02:46:38	13.80	35.10	22.12	8.24	7.89	6.6	2.395	91.3	2.8	0.7
932	3/18/2016 03:01:38	13.71	35.21	22.20	8.23	7.89	6.5	2.410	91.0	3.0	0.7
933	3/18/2016 03:16:38	13.68	35.10	22.12	8.29	7.89	7.2	2.429	91.6	3.3	0.8
934	3/18/2016 03:31:38	13.52	35.74	22.56	8.32	7.90	7.7	2.438	91.8	2.5	0.6
935	3/18/2016 03:46:38	13.50	35.70	22.54	8.35	7.90	7.8	2.468	92.2	3.0	0.7
936	3/18/2016 04:01:38	13.55	35.56	22.44	8.32	7.89	8.7	2.515	91.9	2.7	0.6
937	3/18/2016 04:16:38	13.55	35.68	22.52	8.38	7.90	9.1	2.563	92.5	2.4	0.6
938	3/18/2016 04:31:38	13.54	35.58	22.45	8.44	7.90	10.6	2.621	93.2	3.4	0.8
939	3/18/2016 04:46:38	13.47	36.07	22.79	8.45	7.91	9.0	2.675	93.3	2.8	0.7
940	3/18/2016 05:01:38	13.47	36.11	22.82	8.50	7.91	9.5	2.738	93.9	3.1	0.7
941	3/18/2016 05:16:38	13.43	36.27	22.93	8.52	7.92	8.9	2.795	94.1	2.9	0.7
942	3/18/2016 05:31:38	13.39	36.55	23.12	8.55	7.92	8.7	2.864	94.5	2.6	0.6
943	3/18/2016 05:46:38	13.33	36.92	23.38	8.58	7.93	8.4	2.935	94.8	2.9	0.7
944	3/18/2016 06:01:38	13.28	37.82	24.01	8.57	7.94	9.4	3.005	95.0	2.8	0.7
945	3/18/2016 06:16:38	13.27	37.68	23.91	8.60	7.94	10.4	3.069	95.3	2.6	0.6
946	3/18/2016 06:31:38	13.21	38.78	24.68	8.60	7.96	9.8	3.146	95.6	2.7	0.6
947	3/18/2016 06:46:38	13.18	39.80	25.39	8.56	7.97	10.4	3.214	95.6	2.5	0.6
948	3/18/2016 07:01:38	13.16	39.96	25.51	8.58	7.97	9.4	3.283	95.8	2.3	0.6
949	3/18/2016 07:16:38	13.13	40.21	25.69	8.59	7.98	9.6	3.354	96.0	1.9	0.4
950	3/18/2016 07:31:38	13.11	40.34	25.77	8.58	7.98	10.1	3.411	95.9	2.2	0.5
951	3/18/2016 07:46:38	13.07	40.71	26.04	8.60	7.98	9.6	3.474	96.2	1.8	0.4
952	3/18/2016 08:01:37	13.05	41.13	26.33	8.61	7.99	9.6	3.537	96.3	2.0	0.5
953	3/18/2016 08:16:37	12.98	41.41	26.53	8.60	7.99	8.1	3.574	96.3	2.0	0.5
954	3/18/2016 08:31:37	13.00	41.38	26.51	8.59	7.99	7.9	3.610	96.2	2.1	0.5
955	3/18/2016 08:46:37	12.97	41.50	26.59	8.60	7.99	8.0	3.648	96.3	1.2	0.3
956	3/18/2016 09:01:37	12.97	41.65	26.70	8.57	7.99	7.8	3.660	96.0	1.9	0.4
957	3/18/2016 09:16:37	12.97	41.86	26.85	8.47	7.98	8.7	3.647	94.9	1.3	0.3
958	3/18/2016 09:31:37	12.99	41.86	26.84	8.46	7.98	8.4	3.634	94.9	1.7	0.4
959	3/18/2016 09:46:37	13.13	39.83	25.42	8.51	7.98	8.3	3.616	94.9	2.0	0.5
960	3/18/2016 10:01:37	13.22	38.18	24.26	8.52	7.96	7.7	3.562	94.5	1.9	0.4
961	3/18/2016 10:16:37	13.25	38.05	24.17	8.50	7.94	7.9	3.495	94.3	2.7	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	3/18/2016 10:31:37	13.30	37.76	23.96	8.51	7.94	8.5	3.432	94.4	1.9	0.5
963	3/18/2016 10:46:37	13.43	37.06	23.48	8.52	7.93	8.4	3.342	94.5	2.6	0.6
964	3/18/2016 11:01:37	13.52	37.21	23.59	8.56	7.93	7.0	3.263	95.1	2.3	0.5
965	3/18/2016 11:16:37	13.55	37.62	23.87	8.58	7.94	7.0	3.155	95.6	2.0	0.5
966	3/18/2016 11:31:37	13.62	37.47	23.77	8.60	7.94	7.9	3.057	95.9	2.0	0.5
967	3/18/2016 11:46:37	13.74	37.33	23.67	8.61	7.94	7.8	2.970	96.1	2.6	0.6
968	3/18/2016 12:01:37	13.67	37.03	23.46	8.58	7.94	12.0	2.875	95.6	2.6	0.6
969	3/18/2016 12:16:37	13.52	36.86	23.35	8.52	7.93	13.0	2.774	94.6	2.6	0.6
970	3/18/2016 12:31:37	13.79	36.89	23.37	8.69	7.94	8.6	2.665	97.0	2.4	0.6
971	3/18/2016 12:46:37	14.19	36.60	23.18	8.70	7.94	7.6	2.565	97.8	2.7	0.6
972	3/18/2016 13:01:37	14.43	36.21	22.91	8.69	7.93	8.7	2.461	98.0	2.6	0.6
973	3/18/2016 13:16:37	14.55	35.91	22.70	8.74	7.93	8.9	2.347	98.7	2.6	0.6
974	3/18/2016 13:31:37	14.57	35.67	22.53	8.69	7.93	8.6	2.241	98.1	2.5	0.6
975	3/18/2016 13:46:37	14.84	35.72	22.57	8.68	7.93	8.3	2.132	98.6	2.6	0.6
976	3/18/2016 14:01:37	15.19	35.86	22.67	8.67	7.94	8.6	2.018	99.1	3.1	0.7
977	3/18/2016 14:16:37	15.12	35.28	22.27	8.75	7.93	8.4	1.930	99.7	2.8	0.7
978	3/18/2016 14:31:37	14.90	35.41	22.36	8.67	7.93	8.1	1.825	98.4	2.3	0.6
979	3/18/2016 14:46:37	15.14	35.27	22.26	8.74	7.94	9.2	1.754	99.6	3.2	0.8
980	3/18/2016 15:01:37	15.59	35.19	22.21	8.77	7.95	9.7	1.692	100.8	3.5	0.8
981	3/18/2016 15:16:37	15.70	35.05	22.12	8.77	7.95	11.2	1.659	101.0	3.5	0.8
982	3/18/2016 15:31:37	15.14	35.51	22.43	8.70	7.94	8.7	1.640	99.2	3.0	0.7
983	3/18/2016 15:46:37	15.51	34.80	21.94	8.86	7.94	8.7	1.634	101.5	3.5	0.8
984	3/18/2016 16:01:37	15.39	34.82	21.95	8.84	7.94	7.9	1.664	101.1	3.8	0.9
985	3/18/2016 16:16:37	15.14	35.19	22.20	8.77	7.93	11.0	1.697	100.0	2.8	0.6
986	3/18/2016 16:31:37	15.07	35.07	22.12	8.74	7.93	16.8	1.739	99.4	2.8	0.7
987	3/18/2016 16:46:37	14.88	35.11	22.15	8.67	7.91	10.6	1.805	98.3	3.0	0.7
988	3/18/2016 17:01:37	14.84	34.67	21.84	8.62	7.90	10.8	1.870	97.4	3.1	0.7
989	3/18/2016 17:16:37	14.83	34.66	21.84	8.61	7.90	9.6	1.942	97.3	2.8	0.7
990	3/18/2016 17:31:37	14.82	34.71	21.87	8.59	7.90	9.4	2.014	97.1	3.0	0.7
991	3/18/2016 17:46:37	14.79	34.82	21.94	8.59	7.90	9.1	2.095	97.0	3.1	0.7
992	3/18/2016 18:01:37	14.79	34.73	21.88	8.61	7.91	8.2	2.170	97.3	3.1	0.7
993	3/18/2016 18:16:37	14.49	35.50	22.41	8.57	7.91	8.1	2.245	96.5	3.1	0.7
994	3/18/2016 18:31:37	14.25	36.32	22.98	8.52	7.91	8.6	2.333	95.8	2.2	0.5
995	3/18/2016 18:46:37	14.21	36.56	23.15	8.53	7.92	8.8	2.410	95.9	3.0	0.7
996	3/18/2016 19:01:37	14.06	37.04	23.48	8.52	7.93	8.4	2.498	95.7	3.1	0.7
997	3/18/2016 19:16:37	13.99	37.22	23.60	8.51	7.93	8.4	2.581	95.5	2.7	0.6
998	3/18/2016 19:31:37	13.83	37.67	23.91	8.48	7.93	9.4	2.658	95.0	2.4	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	3/18/2016 19:46:37	13.77	37.75	23.97	8.46	7.94	10.1	2.739	94.8	2.1	0.5
1000	3/18/2016 20:01:37	13.71	37.93	24.10	8.45	7.93	11.4	2.825	94.6	2.7	0.6
1001	3/18/2016 20:16:37	13.69	37.96	24.11	8.45	7.94	12.2	2.917	94.5	2.7	0.6
1002	3/18/2016 20:31:37	13.73	37.93	24.10	8.45	7.94	13.2	2.993	94.7	2.8	0.7
1003	3/18/2016 20:46:37	13.75	38.09	24.21	8.48	7.94	15.2	3.079	95.1	2.6	0.6
1004	3/18/2016 21:01:37	13.70	38.40	24.42	8.48	7.95	15.1	3.167	95.1	2.6	0.6
1005	3/18/2016 21:16:37	13.67	38.77	24.68	8.51	7.96	15.7	3.244	95.5	2.9	0.7
1006	3/18/2016 21:31:37	13.63	39.37	25.10	8.51	7.97	16.1	3.308	95.7	2.6	0.6
1007	3/18/2016 21:46:37	13.61	39.62	25.28	8.52	7.97	14.6	3.376	95.9	2.9	0.7
1008	3/18/2016 22:01:37	13.60	39.85	25.44	8.53	7.98	13.1	3.433	96.0	2.4	0.6
1009	3/18/2016 22:16:37	13.58	39.99	25.54	8.53	7.98	11.2	3.469	96.1	2.8	0.7
1010	3/18/2016 22:31:37	13.57	40.10	25.61	8.44	7.99	9.3	3.489	95.1	1.9	0.5
1011	3/18/2016 22:46:37	13.57	40.08	25.60	8.42	7.99	10.4	3.494	94.9	2.6	0.6
1012	3/18/2016 23:01:37	13.58	39.93	25.50	8.44	7.98	10.6	3.487	95.1	2.2	0.5
1013	3/18/2016 23:16:37	13.61	39.72	25.35	8.42	7.97	10.4	3.453	94.7	2.2	0.5
1014	3/18/2016 23:31:37	13.73	38.47	24.48	8.37	7.95	12.2	3.402	93.9	2.5	0.6
1015	3/18/2016 23:46:37	13.80	38.45	24.46	8.41	7.95	11.6	3.327	94.5	3.0	0.7
1016	3/19/2016 00:01:37	13.86	37.87	24.06	8.42	7.95	10.3	3.257	94.5	2.4	0.6
1017	3/19/2016 00:16:37	13.82	38.30	24.36	8.41	7.95	8.0	3.190	94.5	2.6	0.6
1018	3/19/2016 00:31:37	13.89	37.57	23.85	8.37	7.94	8.5	3.101	93.9	2.6	0.6
1019	3/19/2016 00:46:37	13.93	37.54	23.83	8.34	7.93	8.4	3.020	93.7	2.7	0.6
1020	3/19/2016 01:01:37	13.96	37.39	23.72	8.30	7.92	8.1	2.951	93.2	2.9	0.7
1021	3/19/2016 01:16:37	14.02	36.98	23.43	8.29	7.92	8.0	2.877	93.0	2.5	0.6
1022	3/19/2016 01:31:37	14.11	36.71	23.25	8.31	7.92	9.2	2.807	93.3	2.4	0.6
1023	3/19/2016 01:46:37	14.10	36.49	23.10	8.27	7.92	8.2	2.732	92.8	2.7	0.6
1024	3/19/2016 02:01:37	14.11	36.45	23.07	8.28	7.91	8.1	2.669	92.8	2.7	0.6
1025	3/19/2016 02:16:37	14.20	36.46	23.08	8.29	7.91	7.2	2.605	93.2	2.8	0.7
1026	3/19/2016 02:31:37	14.25	36.44	23.06	8.28	7.91	7.2	2.544	93.2	3.1	0.7
1027	3/19/2016 02:46:37	14.35	36.14	22.86	8.31	7.91	7.2	2.479	93.5	2.4	0.6
1028	3/19/2016 03:01:37	14.40	36.09	22.82	8.29	7.91	7.0	2.426	93.4	2.6	0.6
1029	3/19/2016 03:16:37	14.30	36.27	22.94	8.25	7.90	7.4	2.390	92.8	2.4	0.6
1030	3/19/2016 03:31:37	14.46	35.86	22.66	8.27	7.90	6.7	2.351	93.2	3.1	0.7
1031	3/19/2016 03:46:37	14.53	35.69	22.55	8.23	7.90	6.7	2.328	92.9	2.9	0.7
1032	3/19/2016 04:01:37	14.38	35.81	22.63	8.11	7.90	5.3	2.310	91.2	2.8	0.7
1033	3/19/2016 04:16:37	14.49	35.67	22.53	8.25	7.90	6.3	2.319	92.9	3.2	0.8
1034	3/19/2016 04:31:37	14.32	36.14	22.86	8.26	7.90	6.6	2.345	92.9	3.3	0.8
1035	3/19/2016 04:46:37	14.32	36.23	22.92	8.29	7.90	6.8	2.358	93.2	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	3/19/2016 05:01:37	14.36	36.02	22.77	8.25	7.90	7.0	2.424	92.8	2.8	0.7
1037	3/19/2016 05:16:37	14.47	35.69	22.55	8.29	7.90	8.2	2.475	93.3	2.2	0.5
1038	3/19/2016 05:31:37	14.35	35.87	22.67	8.25	7.90	8.4	2.541	92.8	2.6	0.6
1039	3/19/2016 05:46:37	14.31	35.96	22.73	8.29	7.91	7.5	2.611	93.1	3.9	0.9
1040	3/19/2016 06:01:37	14.19	36.51	23.11	8.27	7.91	8.3	2.678	93.0	2.8	0.7
1041	3/19/2016 06:16:37	14.17	36.70	23.24	8.27	7.91	9.0	2.754	92.9	2.7	0.6
1042	3/19/2016 06:31:37	14.06	37.13	23.54	8.29	7.92	8.3	2.823	93.1	3.0	0.7
1043	3/19/2016 06:46:37	13.97	37.37	23.71	8.31	7.93	8.6	2.902	93.3	2.1	0.5
1044	3/19/2016 07:01:37	13.93	37.55	23.84	8.35	7.94	8.0	2.977	93.7	2.5	0.6
1045	3/19/2016 07:16:37	13.91	37.56	23.84	8.34	7.93	8.0	3.045	93.6	2.5	0.6
1046	3/19/2016 07:31:37	13.82	37.96	24.12	8.34	7.94	7.0	3.127	93.5	2.5	0.6
1047	3/19/2016 07:46:37	13.73	38.49	24.49	8.34	7.95	7.3	3.204	93.6	2.1	0.5
1048	3/19/2016 08:01:37	13.66	39.07	24.90	8.33	7.96	7.2	3.300	93.6	2.4	0.6
1049	3/19/2016 08:16:37	13.60	39.53	25.22	8.33	7.96	7.9	3.356	93.6	2.1	0.5
1050	3/19/2016 08:31:37	13.53	40.11	25.63	8.34	7.97	9.5	3.414	93.9	1.7	0.4
1051	3/19/2016 08:46:37	13.50	40.02	25.56	8.36	7.98	8.6	3.502	94.0	2.6	0.6
1052	3/19/2016 09:01:37	13.47	40.27	25.74	8.34	7.98	8.0	3.547	93.9	2.3	0.5
1053	3/19/2016 09:16:37	13.44	40.51	25.91	8.35	7.98	8.1	3.620	94.0	2.0	0.5
1054	3/19/2016 09:31:37	13.41	40.62	25.98	8.35	7.99	8.4	3.654	94.0	2.2	0.5
1055	3/19/2016 09:46:37	13.41	40.59	25.96	8.35	7.99	8.7	3.682	93.9	1.7	0.4
1056	3/19/2016 10:01:37	13.39	40.62	25.98	8.34	7.99	8.7	3.713	93.8	1.8	0.4
1057	3/19/2016 10:16:37	13.42	40.55	25.93	8.19	7.98	7.8	3.706	92.1	1.2	0.3
1058	3/19/2016 10:31:37	13.40	40.44	25.86	8.21	7.98	8.0	3.700	92.3	1.7	0.4
1059	3/19/2016 10:46:37	13.41	40.50	25.89	8.25	7.98	8.1	3.659	92.8	1.2	0.3
1060	3/19/2016 11:01:37	13.58	39.86	25.45	8.27	7.97	8.1	3.612	93.1	2.0	0.5
1061	3/19/2016 11:16:37	13.71	39.45	25.16	8.34	7.97	8.7	3.529	93.9	2.5	0.6
1062	3/19/2016 11:31:37	13.71	39.52	25.21	8.34	7.97	8.3	3.472	94.0	2.3	0.5
1063	3/19/2016 11:46:37	13.84	38.73	24.66	8.37	7.96	7.1	3.379	94.3	2.2	0.5
1064	3/19/2016 12:01:37	13.88	38.81	24.72	8.37	7.96	7.1	3.270	94.4	2.1	0.5
1065	3/19/2016 12:16:37	13.85	38.73	24.66	8.36	7.96	8.7	3.168	94.2	2.6	0.6
1066	3/19/2016 12:31:37	13.88	38.58	24.56	8.35	7.96	8.4	3.091	94.1	2.2	0.5
1067	3/19/2016 12:46:37	14.04	38.33	24.38	8.40	7.96	7.3	2.976	94.9	2.1	0.5
1068	3/19/2016 13:01:37	14.15	37.93	24.11	8.42	7.95	7.3	2.874	95.1	2.1	0.5
1069	3/19/2016 13:16:37	14.21	37.65	23.91	8.42	7.95	7.6	2.769	95.2	2.6	0.6
1070	3/19/2016 13:31:37	14.30	37.78	24.00	8.43	7.95	7.3	2.668	95.4	2.6	0.6
1071	3/19/2016 13:46:37	14.43	36.97	23.43	8.45	7.94	7.5	2.566	95.6	2.8	0.7
1072	3/19/2016 14:01:37	14.56	36.75	23.29	8.50	7.94	8.1	2.438	96.4	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	3/19/2016 14:16:37	14.71	36.67	23.23	8.52	7.95	8.2	2.339	96.9	2.5	0.6
1074	3/19/2016 14:31:37	14.86	36.44	23.07	8.53	7.94	9.1	2.245	97.2	3.7	0.9
1075	3/19/2016 14:46:37	14.97	36.43	23.06	8.59	7.95	8.6	2.114	98.0	3.0	0.7
1076	3/19/2016 15:01:37	14.99	35.60	22.49	8.52	7.93	7.9	2.020	96.9	3.1	0.7
1077	3/19/2016 15:16:37	15.13	35.52	22.44	8.60	7.95	7.8	1.914	98.1	2.7	0.6
1078	3/19/2016 15:31:37	15.28	35.57	22.47	8.67	7.95	7.5	1.830	99.2	3.3	0.8
1079	3/19/2016 15:46:37	15.34	35.46	22.40	8.62	7.95	7.0	1.758	98.8	3.4	0.8
1080	3/19/2016 16:01:37	15.38	35.30	22.28	8.62	7.95	6.8	1.696	98.8	3.5	0.8
1081	3/19/2016 16:16:37	15.28	35.23	22.23	8.49	7.94	6.7	1.668	97.0	3.6	0.9
1082	3/19/2016 16:31:37	15.11	35.20	22.21	8.49	7.93	6.7	1.647	96.7	3.0	0.7
1083	3/19/2016 16:46:37	14.96	35.36	22.32	8.48	7.93	6.8	1.662	96.4	3.4	0.8
1084	3/19/2016 17:01:37	15.11	35.38	22.33	8.58	7.94	6.8	1.680	97.8	3.3	0.8
1085	3/19/2016 17:16:37	15.25	35.45	22.39	8.60	7.94	6.6	1.747	98.4	3.6	0.8
1086	3/19/2016 17:31:37	15.22	35.43	22.38	8.55	7.93	6.8	1.783	97.7	3.5	0.8
1087	3/19/2016 17:46:37	15.23	34.64	21.83	8.48	7.92	8.2	1.852	96.6	3.7	0.9
1088	3/19/2016 18:01:37	15.17	34.58	21.78	8.43	7.91	8.9	1.936	95.9	3.4	0.8
1089	3/19/2016 18:16:37	15.02	35.31	22.28	8.43	7.91	7.3	2.016	95.9	3.2	0.8
1090	3/19/2016 18:31:37	14.99	35.04	22.10	8.40	7.91	8.4	2.090	95.3	3.3	0.8
1091	3/19/2016 18:46:37	14.80	35.54	22.44	8.36	7.91	9.2	2.170	94.7	2.9	0.7
1092	3/19/2016 19:01:37	14.75	35.83	22.65	8.36	7.91	8.9	2.258	94.8	3.7	0.9
1093	3/19/2016 19:16:37	14.62	36.32	22.98	8.35	7.92	9.2	2.332	94.7	3.5	0.8
1094	3/19/2016 19:31:37	14.42	37.11	23.53	8.32	7.93	10.0	2.411	94.2	2.9	0.7
1095	3/19/2016 19:46:37	14.40	37.14	23.56	8.34	7.93	9.4	2.499	94.4	3.1	0.7
1096	3/19/2016 20:01:37	14.36	37.35	23.70	8.35	7.93	9.8	2.590	94.5	3.4	0.8
1097	3/19/2016 20:16:37	14.30	37.49	23.80	8.35	7.94	10.3	2.663	94.5	3.3	0.8
1098	3/19/2016 20:31:37	14.25	37.82	24.03	8.32	7.94	10.6	2.749	94.2	3.1	0.7
1099	3/19/2016 20:46:37	14.22	37.78	24.00	8.32	7.94	12.8	2.848	94.1	3.2	0.8
1100	3/19/2016 21:01:37	14.15	38.10	24.22	8.30	7.94	15.8	2.930	93.9	3.5	0.8
1101	3/19/2016 21:16:37	14.11	38.04	24.18	8.31	7.94	17.8	3.026	93.8	3.1	0.7
1102	3/19/2016 21:31:37	14.06	38.49	24.49	8.30	7.95	18.2	3.114	93.9	3.4	0.8
1103	3/19/2016 21:46:37	13.95	38.80	24.71	8.32	7.96	21.2	3.214	94.0	3.0	0.7
1104	3/19/2016 22:01:37	13.84	39.62	25.29	8.39	7.98	23.0	3.304	94.9	2.9	0.7
1105	3/19/2016 22:16:37	13.78	39.91	25.49	8.41	7.99	22.2	3.384	95.1	2.8	0.7
1106	3/19/2016 22:31:37	13.75	39.98	25.54	8.40	7.99	17.4	3.458	95.0	2.5	0.6
1107	3/19/2016 22:46:37	13.73	40.13	25.64	8.42	8.00	15.5	3.531	95.2	3.0	0.7
1108	3/19/2016 23:01:37	13.71	40.40	25.84	8.40	8.00	13.1	3.574	95.1	2.2	0.5
1109	3/19/2016 23:16:37	13.69	40.40	25.83	8.39	8.00	10.9	3.585	94.9	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	3/19/2016 23:31:37	13.71	40.17	25.67	8.28	8.00	9.8	3.605	93.6	2.5	0.6
1111	3/19/2016 23:46:37	13.69	40.51	25.91	8.30	8.00	10.9	3.589	94.0	2.7	0.6
1112	3/20/2016 00:01:37	13.72	40.30	25.76	8.30	8.00	11.9	3.532	93.9	2.2	0.5
1113	3/20/2016 00:16:37	13.82	39.60	25.27	8.24	7.98	12.1	3.495	93.1	2.5	0.6
1114	3/20/2016 00:31:37	13.96	38.65	24.61	8.21	7.96	11.6	3.423	92.7	2.7	0.6
1115	3/20/2016 00:46:37	14.03	38.50	24.50	8.23	7.96	9.7	3.325	93.0	2.9	0.7
1116	3/20/2016 01:01:37	13.99	38.53	24.52	8.24	7.96	9.0	3.241	93.0	2.7	0.6
1117	3/20/2016 01:16:37	14.02	38.43	24.45	8.22	7.95	9.2	3.167	92.8	2.9	0.7
1118	3/20/2016 01:31:37	14.09	37.89	24.07	8.18	7.94	9.0	3.085	92.3	2.9	0.7
1119	3/20/2016 01:46:37	14.16	37.54	23.83	8.14	7.93	9.7	2.993	91.9	2.6	0.6
1120	3/20/2016 02:01:37	14.23	37.20	23.59	8.12	7.92	10.4	2.910	91.6	3.3	0.8
1121	3/20/2016 02:16:37	14.29	37.11	23.53	8.11	7.92	10.4	2.824	91.6	3.3	0.8
1122	3/20/2016 02:31:37	14.30	37.14	23.55	8.14	7.93	9.0	2.761	92.0	2.7	0.6
1123	3/20/2016 02:46:37	14.32	36.80	23.32	8.12	7.92	9.5	2.662	91.6	2.9	0.7
1124	3/20/2016 03:01:37	14.27	36.84	23.35	8.09	7.91	8.9	2.591	91.2	2.5	0.6
1125	3/20/2016 03:16:37	14.38	36.68	23.23	8.12	7.92	8.1	2.511	91.7	2.5	0.6
1126	3/20/2016 03:31:37	14.43	36.56	23.15	8.13	7.92	7.9	2.449	91.8	2.8	0.7
1127	3/20/2016 03:46:37	14.43	36.66	23.22	8.14	7.91	7.9	2.368	92.0	2.7	0.6
1128	3/20/2016 04:01:37	14.60	36.22	22.92	8.13	7.91	7.5	2.335	92.1	3.1	0.7
1129	3/20/2016 04:16:37	14.63	36.13	22.85	8.12	7.91	7.3	2.290	91.9	3.6	0.8
1130	3/20/2016 04:31:37	14.61	36.04	22.79	8.08	7.91	7.1	2.255	91.4	3.1	0.7
1131	3/20/2016 04:46:37	14.69	35.88	22.68	8.03	7.90	6.8	2.229	90.9	3.0	0.7
1132	3/20/2016 05:01:37	14.59	36.15	22.87	8.07	7.91	6.7	2.220	91.3	3.4	0.8
1133	3/20/2016 05:16:37	14.66	35.61	22.49	8.14	7.90	6.7	2.249	92.0	2.9	0.7
1134	3/20/2016 05:31:37	14.53	36.29	22.96	8.11	7.90	7.5	2.250	91.7	3.1	0.7
1135	3/20/2016 05:46:37	14.48	36.44	23.07	8.06	7.90	8.3	2.314	91.0	2.5	0.6
1136	3/20/2016 06:01:37	14.52	35.91	22.70	8.09	7.89	8.7	2.396	91.3	2.6	0.6
1137	3/20/2016 06:16:37	14.45	36.36	23.01	8.08	7.90	10.6	2.446	91.2	2.9	0.7
1138	3/20/2016 06:31:37	14.42	36.67	23.22	8.09	7.90	9.4	2.518	91.4	3.1	0.7
1139	3/20/2016 06:46:37	14.35	36.78	23.30	8.11	7.91	10.3	2.585	91.5	3.1	0.7
1140	3/20/2016 07:01:37	14.29	36.91	23.39	8.11	7.91	9.4	2.664	91.5	2.5	0.6
1141	3/20/2016 07:16:37	14.15	37.67	23.92	8.16	7.93	10.7	2.732	92.0	2.7	0.6
1142	3/20/2016 07:31:37	14.08	38.10	24.22	8.18	7.93	10.8	2.818	92.3	2.5	0.6
1143	3/20/2016 07:46:37	14.03	38.38	24.42	8.20	7.94	8.6	2.876	92.6	2.4	0.6
1144	3/20/2016 08:01:37	13.99	38.69	24.64	8.20	7.95	10.3	2.972	92.7	2.8	0.7
1145	3/20/2016 08:16:37	13.92	39.24	25.02	8.21	7.96	13.6	3.057	92.9	2.7	0.6
1146	3/20/2016 08:31:37	13.87	39.48	25.18	8.24	7.96	14.3	3.125	93.2	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	3/20/2016 08:46:37	13.83	39.63	25.29	8.25	7.97	13.9	3.234	93.3	2.2	0.5
1148	3/20/2016 09:01:37	13.80	39.92	25.50	8.26	7.97	15.7	3.308	93.4	2.3	0.5
1149	3/20/2016 09:16:37	13.77	39.78	25.40	8.28	7.97	13.0	3.395	93.5	2.8	0.7
1150	3/20/2016 09:31:37	13.69	39.88	25.47	8.32	7.97	15.3	3.463	93.9	2.4	0.6
1151	3/20/2016 09:46:37	13.64	40.14	25.65	8.35	7.98	16.9	3.549	94.3	2.0	0.5
1152	3/20/2016 10:01:36	13.54	40.82	26.13	8.39	7.99	14.7	3.611	94.8	2.3	0.5
1153	3/20/2016 10:16:36	13.48	41.27	26.45	8.43	7.99	15.5	3.666	95.3	2.1	0.5
1154	3/20/2016 10:31:36	13.42	41.50	26.60	8.45	8.00	14.2	3.709	95.5	2.4	0.6
1155	3/20/2016 10:46:36	13.39	41.48	26.59	8.46	8.00	12.1	3.750	95.6	2.0	0.5
1156	3/20/2016 11:01:36	13.37	41.79	26.81	8.45	8.00	10.8	3.782	95.5	2.0	0.5
1157	3/20/2016 11:16:36	13.37	41.70	26.74	8.29	8.00	8.4	3.774	93.7	1.4	0.3
1158	3/20/2016 11:31:36	13.38	41.57	26.65	8.38	8.00	11.2	3.758	94.6	2.1	0.5
1159	3/20/2016 11:46:36	13.44	41.31	26.47	8.37	8.00	10.0	3.717	94.6	1.7	0.4
1160	3/20/2016 12:01:36	13.56	40.56	25.94	8.33	7.99	10.4	3.650	94.1	2.0	0.5
1161	3/20/2016 12:16:36	13.81	39.60	25.27	8.29	7.97	11.3	3.581	93.7	2.4	0.6
1162	3/20/2016 12:31:36	14.04	38.16	24.26	8.25	7.95	9.7	3.479	93.1	2.9	0.7
1163	3/20/2016 12:46:36	13.92	39.10	24.92	8.23	7.96	14.9	3.399	93.0	2.6	0.6
1164	3/20/2016 13:01:36	13.98	38.94	24.81	8.24	7.96	13.5	3.296	93.1	2.2	0.5
1165	3/20/2016 13:16:36	14.07	38.61	24.58	8.21	7.95	12.4	3.188	92.9	3.2	0.8
1166	3/20/2016 13:31:36	14.30	37.80	24.01	8.25	7.95	10.3	3.082	93.4	2.5	0.6
1167	3/20/2016 13:46:36	14.41	37.65	23.91	8.26	7.94	12.2	2.985	93.7	2.7	0.6
1168	3/20/2016 14:01:36	14.50	37.71	23.95	8.27	7.94	10.3	2.880	94.0	2.5	0.6
1169	3/20/2016 14:16:36	14.55	37.67	23.93	8.29	7.94	10.6	2.772	94.3	3.2	0.7
1170	3/20/2016 14:31:36	14.66	37.50	23.81	8.31	7.94	9.5	2.670	94.7	2.5	0.6
1171	3/20/2016 14:46:36	14.90	37.37	23.72	8.39	7.95	10.6	2.567	96.0	2.8	0.7
1172	3/20/2016 15:01:36	14.88	37.22	23.62	8.43	7.95	11.2	2.460	96.4	2.8	0.6
1173	3/20/2016 15:16:36	15.01	37.04	23.49	8.50	7.96	11.2	2.353	97.3	2.4	0.6
1174	3/20/2016 15:31:36	15.08	37.12	23.55	8.52	7.96	11.2	2.245	97.7	3.1	0.7
1175	3/20/2016 15:46:36	15.14	36.96	23.44	8.53	7.96	10.4	2.131	97.9	2.7	0.6
1176	3/20/2016 16:01:36	15.24	36.70	23.26	8.52	7.96	10.9	2.038	97.9	2.8	0.7
1177	3/20/2016 16:16:36	15.33	36.58	23.18	8.52	7.96	11.7	1.956	98.1	3.0	0.7
1178	3/20/2016 16:31:36	15.43	36.59	23.18	8.52	7.97	11.0	1.875	98.3	2.7	0.6
1179	3/20/2016 16:46:36	15.54	36.46	23.09	8.55	7.97	11.4	1.790	98.8	3.2	0.7
1180	3/20/2016 17:01:36	15.57	36.51	23.13	8.49	7.97	9.7	1.769	98.2	2.8	0.6
1181	3/20/2016 17:16:36	15.54	36.55	23.16	8.53	7.97	9.5	1.748	98.6	2.8	0.7
1182	3/20/2016 17:31:36	15.53	36.50	23.12	8.54	7.97	18.2	1.759	98.7	4.0	1.0
1183	3/20/2016 17:46:36	15.33	36.56	23.16	8.50	7.96	14.5	1.764	97.9	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	3/20/2016 18:01:36	15.25	36.62	23.20	8.48	7.95	13.7	1.808	97.4	2.9	0.7
1185	3/20/2016 18:16:36	15.40	35.19	22.21	8.44	7.93	21.0	1.865	96.7	4.1	1.0
1186	3/20/2016 18:31:36	15.42	35.12	22.16	8.41	7.92	13.4	1.940	96.3	3.9	0.9
1187	3/20/2016 18:46:36	15.27	35.64	22.52	8.40	7.93	14.1	2.028	96.1	3.5	0.8
1188	3/20/2016 19:01:36	15.17	36.28	22.96	8.38	7.93	14.4	2.099	96.0	3.1	0.7
1189	3/20/2016 19:16:36	15.12	36.46	23.09	8.37	7.93	12.5	2.182	95.8	3.2	0.8
1190	3/20/2016 19:31:36	15.06	36.62	23.20	8.34	7.93	11.4	2.275	95.5	3.4	0.8
1191	3/20/2016 19:46:36	14.92	36.74	23.28	8.33	7.94	12.6	2.353	95.1	3.0	0.7
1192	3/20/2016 20:01:36	14.78	37.18	23.59	8.29	7.94	13.2	2.450	94.6	3.1	0.7
1193	3/20/2016 20:16:36	14.68	37.57	23.86	8.27	7.94	12.2	2.522	94.3	3.2	0.8
1194	3/20/2016 20:31:36	14.63	37.69	23.94	8.26	7.94	12.5	2.619	94.2	3.0	0.7
1195	3/20/2016 20:46:36	14.56	37.91	24.10	8.26	7.94	12.8	2.698	94.1	3.5	0.8
1196	3/20/2016 21:01:36	14.52	37.82	24.03	8.27	7.94	13.7	2.780	94.1	3.1	0.7
1197	3/20/2016 21:16:36	14.47	38.05	24.19	8.25	7.94	16.3	2.879	93.9	3.3	0.8
1198	3/20/2016 21:31:36	14.38	38.28	24.35	8.25	7.95	17.7	2.988	93.8	3.0	0.7
1199	3/20/2016 21:46:36	14.29	38.65	24.61	8.27	7.95	19.8	3.057	94.0	3.0	0.7
1200	3/20/2016 22:01:36	14.21	38.70	24.65	8.29	7.96	19.7	3.165	94.1	3.3	0.8
1201	3/20/2016 22:16:36	14.14	39.03	24.88	8.31	7.96	18.8	3.253	94.3	3.3	0.8
1202	3/20/2016 22:31:36	14.02	39.81	25.43	8.35	7.97	20.8	3.346	94.9	3.2	0.8
1203	3/20/2016 22:46:36	13.89	40.49	25.90	8.37	7.98	20.6	3.432	95.1	3.5	0.8
1204	3/20/2016 23:01:36	13.82	40.64	26.00	8.38	7.99	18.3	3.499	95.1	3.4	0.8
1205	3/20/2016 23:16:36	13.81	40.76	26.09	8.37	7.99	16.9	3.560	95.1	2.7	0.6
1206	3/20/2016 23:31:36	13.77	41.02	26.28	8.38	7.99	14.0	3.615	95.2	2.8	0.7
1207	3/20/2016 23:46:36	13.73	41.18	26.38	8.38	8.00	11.5	3.645	95.2	3.0	0.7
1208	3/21/2016 00:01:36	13.74	41.23	26.42	8.30	8.00	10.6	3.662	94.3	2.8	0.7
1209	3/21/2016 00:16:36	13.72	41.20	26.40	8.14	8.00	7.3	3.664	92.5	2.3	0.5
1210	3/21/2016 00:31:36	13.72	40.83	26.14	8.28	7.99	10.9	3.641	93.9	2.4	0.6
1211	3/21/2016 00:46:36	13.83	39.69	25.33	8.20	7.97	11.3	3.589	92.7	3.3	0.8
1212	3/21/2016 01:01:36	13.78	39.82	25.42	8.26	7.98	10.8	3.527	93.4	2.8	0.7
1213	3/21/2016 01:16:36	13.83	39.88	25.47	8.20	7.97	13.0	3.454	92.8	2.8	0.7
1214	3/21/2016 01:31:36	13.90	39.88	25.47	8.17	7.97	12.8	3.364	92.6	2.7	0.6
1215	3/21/2016 01:46:36	13.95	39.68	25.33	8.16	7.97	14.2	3.273	92.5	2.6	0.6
1216	3/21/2016 02:01:36	14.03	38.97	24.83	8.10	7.96	13.7	3.175	91.7	2.7	0.6
1217	3/21/2016 02:16:36	14.11	38.28	24.35	8.04	7.94	11.5	3.068	90.9	2.6	0.6
1218	3/21/2016 02:31:36	14.10	38.22	24.30	8.03	7.93	10.2	2.991	90.7	2.9	0.7
1219	3/21/2016 02:46:36	14.18	37.83	24.04	8.02	7.93	9.8	2.907	90.7	2.9	0.7
1220	3/21/2016 03:01:36	14.14	37.97	24.13	8.04	7.93	9.8	2.804	90.8	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	3/21/2016 03:16:36	14.10	38.14	24.25	8.04	7.93	10.8	2.717	90.8	3.2	0.8
1222	3/21/2016 03:31:36	14.16	37.62	23.88	8.02	7.93	10.6	2.643	90.5	3.0	0.7
1223	3/21/2016 03:46:36	14.17	37.64	23.90	8.02	7.93	11.1	2.562	90.5	3.1	0.7
1224	3/21/2016 04:01:36	14.12	37.73	23.97	8.02	7.93	11.9	2.467	90.5	2.9	0.7
1225	3/21/2016 04:16:36	14.18	37.57	23.85	8.02	7.92	11.9	2.397	90.5	3.2	0.8
1226	3/21/2016 04:31:36	14.20	37.11	23.53	8.00	7.92	13.4	2.329	90.2	2.9	0.7
1227	3/21/2016 04:46:36	14.21	37.00	23.45	8.01	7.92	12.4	2.291	90.2	3.4	0.8
1228	3/21/2016 05:01:36	14.15	37.11	23.53	8.00	7.92	13.4	2.229	90.1	3.3	0.8
1229	3/21/2016 05:16:36	14.24	36.77	23.29	7.96	7.92	11.3	2.208	89.7	3.3	0.8
1230	3/21/2016 05:31:36	14.35	36.57	23.16	7.88	7.91	8.7	2.188	88.8	2.9	0.7
1231	3/21/2016 05:46:36	14.28	36.70	23.25	7.95	7.91	10.4	2.180	89.6	3.1	0.7
1232	3/21/2016 06:01:36	14.28	36.88	23.37	7.97	7.91	9.7	2.227	89.8	5.5	1.3
1233	3/21/2016 06:16:36	14.27	36.85	23.35	8.01	7.91	9.8	2.236	90.3	6.3	1.5
1234	3/21/2016 06:31:36	14.20	36.82	23.33	7.98	7.91	10.4	2.290	89.8	8.1	1.9
1235	3/21/2016 06:46:36	14.15	35.41	22.35	8.05	7.90	16.1	2.373	90.0	11.1	2.6
1236	3/21/2016 07:01:36	14.14	36.33	22.99	8.05	7.91	11.5	2.429	90.3	9.4	2.2
1237	3/21/2016 07:16:36	14.14	36.91	23.39	8.00	7.91	10.9	2.512	90.0	12.2	2.9
1238	3/21/2016 07:31:36	14.16	37.08	23.51	7.98	7.91	12.6	2.583	89.8	10.3	2.4
1239	3/21/2016 07:46:36	14.09	37.57	23.85	8.00	7.92	12.5	2.658	90.1	11.6	2.7
1240	3/21/2016 08:01:36	14.05	37.82	24.02	8.04	7.93	13.7	2.722	90.6	9.3	2.2
1241	3/21/2016 08:16:36	14.04	38.06	24.19	8.06	7.93	11.8	2.806	90.9	12.4	2.9
1242	3/21/2016 08:31:36	14.06	38.15	24.26	8.06	7.94	11.0	2.878	90.9	11.2	2.6
1243	3/21/2016 08:46:36	14.02	38.29	24.35	8.07	7.94	11.8	2.980	91.0	10.5	2.5
1244	3/21/2016 09:01:36	13.94	38.46	24.47	8.07	7.94	12.5	3.038	90.9	2.6	0.6
1245	3/21/2016 09:16:36	13.88	38.91	24.79	8.07	7.95	15.6	3.129	91.0	2.7	0.6
1246	3/21/2016 09:31:36	13.84	39.11	24.93	8.09	7.95	14.8	3.253	91.3	2.4	0.6
1247	3/21/2016 09:46:36	13.79	39.18	24.97	8.11	7.96	15.3	3.330	91.5	2.3	0.5
1248	3/21/2016 10:01:36	13.73	39.61	25.28	8.13	7.97	14.5	3.425	91.7	2.6	0.6
1249	3/21/2016 10:16:36	13.69	39.84	25.44	8.14	7.97	15.6	3.492	91.8	2.4	0.6
1250	3/21/2016 10:31:36	13.60	40.37	25.81	8.18	7.98	14.7	3.607	92.3	2.7	0.6
1251	3/21/2016 10:46:36	13.49	40.94	26.21	8.24	8.00	13.7	3.656	93.0	2.6	0.6
1252	3/21/2016 11:01:36	13.46	41.26	26.43	8.24	8.00	13.7	3.728	93.1	2.9	0.7
1253	3/21/2016 11:16:36	13.43	41.39	26.53	8.23	8.01	11.9	3.778	92.9	2.7	0.6
1254	3/21/2016 11:31:36	13.41	41.46	26.58	8.18	8.01	11.6	3.808	92.4	2.7	0.6
1255	3/21/2016 11:46:36	13.44	41.17	26.37	8.01	8.00	8.7	3.830	90.4	2.5	0.6
1256	3/21/2016 12:01:36	13.41	41.31	26.47	8.06	8.01	10.4	3.795	91.0	2.3	0.5
1257	3/21/2016 12:16:36	13.41	41.37	26.51	8.08	8.01	10.3	3.785	91.3	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	3/21/2016 12:31:36	13.43	41.22	26.40	8.05	8.00	9.0	3.722	90.9	2.1	0.5
1259	3/21/2016 12:46:36	13.49	40.87	26.16	8.05	8.00	10.5	3.654	90.8	2.5	0.6
1260	3/21/2016 13:01:36	13.79	39.14	24.94	7.98	7.97	10.9	3.590	90.0	2.8	0.7
1261	3/21/2016 13:16:36	13.84	38.95	24.82	8.00	7.96	9.9	3.503	90.2	2.6	0.6
1262	3/21/2016 13:31:36	13.84	39.04	24.88	7.99	7.96	10.1	3.399	90.1	2.6	0.6
1263	3/21/2016 13:46:36	14.00	38.34	24.39	8.02	7.95	11.1	3.170	90.5	3.4	0.8
1264	3/21/2016 14:01:36	14.05	38.14	24.25	8.01	7.95	11.4	3.081	90.3	2.8	0.7
1265	3/21/2016 14:16:36	14.14	38.18	24.28	8.02	7.95	10.6	2.975	90.7	3.3	0.8
1266	3/21/2016 14:31:36	14.20	38.03	24.18	8.03	7.95	10.3	2.877	90.8	3.0	0.7
1267	3/21/2016 14:46:36	14.27	37.37	23.71	8.04	7.95	9.3	2.766	90.8	2.9	0.7
1268	3/21/2016 15:01:36	14.35	37.30	23.66	8.12	7.95	9.0	2.660	91.9	2.8	0.7
1269	3/21/2016 15:16:36	14.48	37.58	23.87	8.20	7.97	8.9	2.543	93.2	2.3	0.5
1270	3/21/2016 15:31:36	14.49	37.40	23.74	8.18	7.96	9.4	2.450	92.8	2.5	0.6
1271	3/21/2016 15:46:36	14.55	37.48	23.79	8.17	7.96	9.2	2.358	92.9	3.0	0.7
1272	3/21/2016 16:01:36	14.58	37.19	23.60	8.20	7.96	10.1	2.236	93.2	3.2	0.7
1273	3/21/2016 16:16:36	14.62	37.17	23.58	8.20	7.97	11.3	2.142	93.3	2.9	0.7
1274	3/21/2016 16:31:36	14.52	36.93	23.41	8.17	7.96	10.5	2.042	92.7	3.2	0.8
1275	3/21/2016 16:46:36	14.57	36.90	23.39	8.20	7.96	11.5	1.957	93.1	3.5	0.8
1276	3/21/2016 17:01:36	14.51	36.64	23.21	8.17	7.96	12.0	1.908	92.5	3.6	0.8
1277	3/21/2016 17:16:36	14.51	36.62	23.19	8.16	7.96	10.8	1.840	92.3	3.5	0.8
1278	3/21/2016 17:31:36	14.50	36.42	23.05	8.15	7.95	9.5	1.776	92.1	3.2	0.8
1279	3/21/2016 17:46:36	14.49	36.23	22.92	8.05	7.95	8.4	1.786	90.9	2.8	0.7
1280	3/21/2016 18:01:36	14.48	36.44	23.07	8.16	7.95	10.5	1.808	92.3	3.1	0.7
1281	3/21/2016 18:16:36	14.47	36.61	23.19	8.16	7.95	10.1	1.816	92.3	4.5	1.1
1282	3/21/2016 18:31:36	14.45	36.63	23.20	8.15	7.95	9.2	1.837	92.1	3.9	0.9
1283	3/21/2016 18:46:36	14.43	36.21	22.91	8.13	7.94	10.3	1.906	91.6	3.7	0.9
1284	3/21/2016 19:01:36	14.43	35.92	22.70	8.10	7.93	10.8	2.001	91.3	3.6	0.9
1285	3/21/2016 19:16:36	14.43	35.61	22.49	8.08	7.92	12.4	2.071	90.9	3.9	0.9
1286	3/21/2016 19:31:36	14.43	36.03	22.78	8.05	7.93	12.3	2.181	90.7	3.2	0.8
1287	3/21/2016 19:46:36	14.43	36.05	22.80	8.03	7.93	12.3	2.268	90.5	3.8	0.9
1288	3/21/2016 20:01:36	14.37	36.21	22.90	8.01	7.92	13.9	2.386	90.2	3.4	0.8
1289	3/21/2016 20:16:36	14.30	36.75	23.28	7.99	7.93	14.2	2.461	90.0	3.6	0.8
1290	3/21/2016 20:31:36	14.19	37.12	23.54	7.97	7.93	11.7	2.556	89.8	3.5	0.8
1291	3/21/2016 20:46:36	14.18	37.28	23.65	7.95	7.93	12.9	2.671	89.7	3.4	0.8
1292	3/21/2016 21:01:36	14.12	37.41	23.74	7.96	7.93	12.1	2.768	89.7	3.5	0.8
1293	3/21/2016 21:16:36	14.11	37.48	23.79	7.95	7.93	12.5	2.845	89.5	3.0	0.7
1294	3/21/2016 21:31:36	14.06	37.63	23.89	7.93	7.94	17.4	2.939	89.3	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	3/21/2016 21:46:36	13.96	37.88	24.06	7.95	7.94	18.1	3.037	89.4	3.6	0.9
1296	3/21/2016 22:01:36	13.89	38.41	24.43	7.94	7.95	16.0	3.126	89.4	3.5	0.8
1297	3/21/2016 22:16:36	13.84	38.50	24.49	7.96	7.95	15.6	3.209	89.6	3.2	0.8
1298	3/21/2016 22:31:36	13.79	38.97	24.82	7.98	7.96	14.4	3.312	89.9	3.2	0.7
1299	3/21/2016 22:46:36	13.63	39.77	25.38	8.06	7.98	16.3	3.395	90.8	3.2	0.8
1300	3/21/2016 23:01:36	13.55	40.42	25.84	8.09	7.99	15.1	3.466	91.2	3.5	0.8
1301	3/21/2016 23:16:36	13.49	40.72	26.05	8.11	7.99	14.2	3.564	91.5	3.7	0.9
1302	3/21/2016 23:31:36	13.47	40.98	26.24	8.13	8.00	12.8	3.614	91.7	3.3	0.8
1303	3/21/2016 23:46:36	13.45	41.16	26.37	8.14	8.00	11.9	3.696	91.9	3.1	0.7
1304	3/22/2016 00:01:36	13.43	41.28	26.45	8.15	8.00	10.0	3.702	92.0	3.2	0.7
1305	3/22/2016 00:16:36	13.42	41.36	26.50	8.07	8.01	7.8	3.719	91.1	3.3	0.8
1306	3/22/2016 00:31:36	13.43	41.32	26.48	7.98	8.00	7.5	3.742	90.1	3.1	0.7
1307	3/22/2016 00:46:36	13.44	40.91	26.18	8.01	8.00	9.2	3.724	90.3	3.0	0.7
1308	3/22/2016 01:01:36	13.47	40.16	25.66	7.97	7.99	10.3	3.676	89.6	3.0	0.7
1309	3/22/2016 01:16:36	13.47	39.80	25.40	7.94	7.98	13.0	3.602	89.2	2.6	0.6
1310	3/22/2016 01:31:36	13.54	38.34	24.38	7.90	7.95	13.3	3.495	88.2	3.0	0.7
1311	3/22/2016 01:46:36	13.54	37.86	24.04	7.88	7.95	11.5	3.416	87.9	2.9	0.7
1312	3/22/2016 02:01:36	13.57	38.11	24.22	7.88	7.94	10.6	3.313	88.0	2.7	0.6
1313	3/22/2016 02:16:36	13.59	38.46	24.46	7.87	7.95	12.8	3.203	88.1	2.8	0.7
1314	3/22/2016 02:31:36	13.60	37.79	23.99	7.88	7.94	14.4	3.107	87.9	3.0	0.7
1315	3/22/2016 02:46:36	13.61	37.26	23.63	7.84	7.93	11.7	3.022	87.3	3.3	0.8
1316	3/22/2016 03:01:36	13.64	37.26	23.62	7.81	7.92	10.7	2.927	87.0	3.3	0.8
1317	3/22/2016 03:16:36	13.42	37.51	23.80	7.88	7.93	12.0	2.828	87.5	3.3	0.8
1318	3/22/2016 03:31:36	13.47	37.54	23.82	7.89	7.93	12.4	2.718	87.7	3.0	0.7
1319	3/22/2016 03:46:36	13.47	37.23	23.60	7.89	7.93	11.4	2.638	87.7	3.1	0.7
1320	3/22/2016 04:01:36	13.48	37.21	23.59	7.88	7.93	11.4	2.544	87.5	3.2	0.8
1321	3/22/2016 04:16:36	13.49	37.28	23.64	7.87	7.93	10.6	2.430	87.4	3.0	0.7
1322	3/22/2016 04:31:36	13.47	37.08	23.50	7.87	7.92	11.9	2.364	87.3	3.1	0.7
1323	3/22/2016 04:46:36	13.47	36.86	23.34	7.85	7.92	11.0	2.270	87.1	2.8	0.7
1324	3/22/2016 05:01:36	13.42	36.74	23.26	7.85	7.91	13.3	2.189	86.9	2.5	0.6
1325	3/22/2016 05:16:36	13.34	36.50	23.09	7.86	7.91	12.3	2.119	86.8	3.2	0.8
1326	3/22/2016 05:31:36	13.43	36.16	22.86	7.86	7.91	10.3	2.076	86.8	2.9	0.7
1327	3/22/2016 05:46:36	13.42	35.97	22.72	7.83	7.90	10.0	2.047	86.3	2.9	0.7
1328	3/22/2016 06:01:36	13.43	35.96	22.72	7.77	7.90	9.2	2.023	85.7	3.4	0.8
1329	3/22/2016 06:16:36	13.42	35.88	22.66	7.92	7.90	8.7	2.029	87.3	2.4	0.6
1330	3/22/2016 06:31:36	13.41	36.05	22.78	7.93	7.90	9.1	2.060	87.5	3.1	0.7
1331	3/22/2016 06:46:36	13.46	36.14	22.84	7.96	7.91	8.9	2.096	87.9	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	3/22/2016 07:01:36	13.42	35.98	22.73	8.03	7.91	9.0	2.144	88.6	3.2	0.8
1333	3/22/2016 07:16:36	13.42	35.40	22.33	8.11	7.90	11.2	2.235	89.3	3.4	0.8
1334	3/22/2016 07:31:36	13.43	35.35	22.29	8.16	7.90	11.4	2.317	89.7	2.9	0.7
1335	3/22/2016 07:46:36	13.47	35.74	22.57	8.15	7.90	11.1	2.403	89.9	3.4	0.8
1336	3/22/2016 08:01:36	13.54	36.40	23.03	8.15	7.91	14.1	2.489	90.3	2.9	0.7
1337	3/22/2016 08:16:36	13.52	36.53	23.11	8.18	7.92	14.4	2.558	90.6	3.1	0.7
	Mean	12.97	37.94	24.09	8.51	7.92	17.53	2.81	93.78	3.03	0.71
	Minimum	11.65	33.69	21.10	7.77	7.81	5.30	1.33	85.70	1.20	0.30
	Maximum	15.70	43.16	27.75	9.07	8.03	72.50	4.13	101.50	12.40	2.90

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

Daylight Savings Time began 3/13/16 @ 02:00

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	3/22/2016 08:46:05	13.47	38.71	24.64	7.97	7.97	13.0	2.599	89.1	2.8	0.7
1	3/22/2016 09:01:05	13.47	38.75	24.67	8.02	7.97	13.9	2.685	89.6	2.4	0.6
2	3/22/2016 09:16:05	13.45	38.82	24.71	8.03	7.96	11.9	2.767	89.7	2.9	0.7
3	3/22/2016 09:31:06	13.44	39.15	24.95	8.03	7.95	12.0	2.873	89.9	2.4	0.6
4	3/22/2016 09:46:05	13.44	39.55	25.23	8.03	7.95	13.3	2.947	90.0	2.4	0.6
5	3/22/2016 10:01:05	13.41	39.63	25.29	8.09	7.95	14.8	3.045	90.7	2.6	0.6
6	3/22/2016 10:16:05	13.41	39.86	25.44	8.12	7.95	15.0	3.122	91.1	3.1	0.7
7	3/22/2016 10:31:06	13.39	40.12	25.62	8.14	7.96	15.1	3.219	91.3	3.1	0.7
8	3/22/2016 10:46:06	13.36	40.30	25.75	8.11	7.96	15.3	3.312	91.1	3.0	0.7
9	3/22/2016 11:01:06	13.29	40.86	26.15	8.20	7.97	17.0	3.393	92.1	2.5	0.6
10	3/22/2016 11:16:06	13.23	41.56	26.64	8.20	7.98	15.7	3.469	92.3	2.8	0.7
11	3/22/2016 11:31:06	13.16	42.08	27.01	8.25	7.99	15.0	3.545	92.9	2.9	0.7
12	3/22/2016 11:46:05	13.05	42.79	27.51	8.30	7.99	18.7	3.599	93.6	2.5	0.6
13	3/22/2016 12:01:05	13.05	43.08	27.72	8.36	8.00	14.7	3.651	94.4	3.1	0.7
14	3/22/2016 12:16:06	13.00	43.31	27.88	8.37	8.00	14.1	3.688	94.5	2.0	0.5
15	3/22/2016 12:31:05	12.98	43.46	27.99	8.28	8.00	9.4	3.683	93.5	2.1	0.5
16	3/22/2016 12:46:06	13.18	42.71	27.45	8.32	7.99	12.4	3.676	94.1	2.5	0.6
17	3/22/2016 13:01:06	13.00	43.45	27.98	8.29	8.00	11.4	3.653	93.7	2.7	0.6
18	3/22/2016 13:16:06	13.13	42.77	27.50	8.25	7.99	12.3	3.607	93.1	2.1	0.5
19	3/22/2016 13:31:05	13.54	41.26	26.43	8.26	7.98	13.9	3.533	93.4	2.4	0.6
20	3/22/2016 13:46:05	13.79	40.65	26.01	8.28	7.97	13.4	3.426	93.9	2.9	0.7
21	3/22/2016 14:01:05	13.58	40.66	26.01	8.24	7.98	22.5	3.333	93.1	2.8	0.7
22	3/22/2016 14:16:05	13.65	40.07	25.60	8.26	7.97	25.4	3.229	93.2	2.4	0.6
23	3/22/2016 14:31:05	13.65	39.96	25.52	8.17	7.96	17.4	3.135	92.1	2.9	0.7
24	3/22/2016 14:46:06	14.02	39.12	24.93	8.29	7.96	16.9	3.028	93.9	3.0	0.7
25	3/22/2016 15:01:06	14.29	38.64	24.60	8.25	7.96	13.9	2.926	93.7	3.1	0.7
26	3/22/2016 15:16:05	14.59	38.43	24.46	8.32	7.97	10.0	2.815	95.0	2.9	0.7
27	3/22/2016 15:31:05	14.59	38.39	24.43	8.45	7.97	10.9	2.698	96.5	2.9	0.7
28	3/22/2016 15:46:05	14.74	38.66	24.63	8.51	7.98	9.8	2.588	97.6	2.6	0.6
29	3/22/2016 16:01:05	14.75	38.75	24.69	8.45	7.98	9.4	2.490	97.0	3.2	0.8
30	3/22/2016 16:16:05	14.56	38.03	24.18	8.54	7.98	10.0	2.374	97.4	2.7	0.6
31	3/22/2016 16:31:05	14.72	38.19	24.29	8.56	7.98	9.4	2.273	97.9	3.0	0.7
32	3/22/2016 16:46:05	14.78	38.09	24.22	8.58	7.99	8.8	2.164	98.3	3.5	0.8
33	3/22/2016 17:01:05	14.77	37.91	24.10	8.68	7.99	8.9	2.044	99.3	2.7	0.6
34	3/22/2016 17:16:05	14.74	37.76	24.00	8.71	7.99	9.1	1.955	99.6	3.4	0.8
35	3/22/2016 17:31:05	14.77	37.64	23.91	8.72	7.99	9.7	1.863	99.7	3.5	0.8
36	3/22/2016 17:46:05	14.83	37.66	23.92	8.70	8.00	10.4	1.792	99.5	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

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
37	3/22/2016 18:01:05	14.67	37.43	23.76	8.72	7.99	9.0	1.766	99.4	3.1	0.7
38	3/22/2016 18:16:05	14.62	37.29	23.66	8.65	7.99	9.4	1.703	98.4	3.5	0.8
39	3/22/2016 18:31:05	14.57	37.21	23.61	8.67	7.98	7.9	1.714	98.5	3.6	0.9
40	3/22/2016 18:46:05	14.58	37.27	23.65	8.68	7.99	8.7	1.738	98.7	3.4	0.8
41	3/22/2016 19:01:05	14.49	37.30	23.67	8.62	7.98	8.3	1.783	97.9	3.5	0.8
42	3/22/2016 19:16:05	14.42	37.28	23.65	8.65	7.97	8.2	1.833	98.0	3.3	0.8
43	3/22/2016 19:31:05	14.40	36.78	23.30	8.58	7.96	9.2	1.879	96.9	3.4	0.8
44	3/22/2016 19:46:05	14.40	36.60	23.18	8.58	7.95	9.5	1.987	96.8	3.5	0.8
45	3/22/2016 20:01:05	14.39	36.24	22.93	8.56	7.95	10.5	2.083	96.4	3.4	0.8
46	3/22/2016 20:16:05	14.38	36.33	22.99	8.53	7.94	9.8	2.159	96.2	3.9	0.9
47	3/22/2016 20:31:05	14.38	36.83	23.34	8.49	7.95	11.2	2.252	95.9	4.0	1.0
48	3/22/2016 20:46:06	14.29	37.47	23.78	8.30	7.94	13.3	2.347	93.9	3.7	0.9
49	3/22/2016 21:01:06	14.21	37.88	24.07	8.22	7.94	12.5	2.438	92.9	3.6	0.9
50	3/22/2016 21:16:06	14.14	38.15	24.25	8.18	7.94	13.7	2.518	92.4	3.6	0.9
51	3/22/2016 21:31:06	14.13	38.25	24.33	8.22	7.94	12.5	2.621	93.0	3.2	0.8
52	3/22/2016 21:46:06	14.14	38.48	24.49	8.19	7.94	13.8	2.708	92.7	3.0	0.7
53	3/22/2016 22:01:06	14.09	38.78	24.70	8.23	7.95	14.4	2.801	93.2	3.4	0.8
54	3/22/2016 22:16:05	14.03	39.08	24.91	8.19	7.95	16.8	2.883	92.8	3.1	0.7
55	3/22/2016 22:31:06	13.96	39.32	25.07	8.25	7.96	16.2	2.973	93.4	3.4	0.8
56	3/22/2016 22:46:06	13.90	39.30	25.06	8.27	7.96	17.5	3.072	93.5	3.5	0.8
57	3/22/2016 23:01:06	13.86	39.62	25.29	8.24	7.97	23.5	3.163	93.2	3.6	0.8
58	3/22/2016 23:16:05	13.71	40.44	25.86	8.27	7.98	29.7	3.262	93.6	3.4	0.8
59	3/22/2016 23:31:06	13.55	41.28	26.45	8.40	7.99	37.5	3.351	95.1	4.1	1.0
60	3/22/2016 23:46:06	13.47	41.93	26.91	8.47	8.00	32.7	3.419	96.0	3.3	0.8
61	3/23/2016 00:01:06	13.44	42.26	27.14	8.50	8.01	33.2	3.511	96.4	3.3	0.8
62	3/23/2016 00:16:05	13.42	42.41	27.25	8.48	8.01	22.2	3.567	96.2	3.2	0.7
63	3/23/2016 00:31:06	13.40	42.71	27.46	8.52	8.02	20.7	3.614	96.7	3.2	0.8
64	3/23/2016 00:46:06	13.38	42.84	27.55	8.47	8.02	17.4	3.665	96.2	2.9	0.7
65	3/23/2016 01:01:06	13.36	42.91	27.61	8.40	8.02	13.1	3.682	95.4	3.1	0.7
66	3/23/2016 01:16:06	13.42	42.60	27.39	8.38	8.01	16.7	3.661	95.1	2.8	0.7
67	3/23/2016 01:31:06	13.37	43.08	27.72	8.45	8.02	15.6	3.642	96.1	3.1	0.7
68	3/23/2016 01:46:05	13.40	42.66	27.43	8.39	8.02	17.8	3.584	95.3	3.2	0.8
69	3/23/2016 02:01:05	13.40	41.92	26.90	8.38	8.01	19.6	3.516	94.9	3.6	0.8
70	3/23/2016 02:16:05	13.34	40.32	25.76	8.33	8.00	16.7	3.415	93.5	3.2	0.8
71	3/23/2016 02:31:06	13.39	40.25	25.72	8.37	7.99	22.9	3.311	94.0	3.6	0.8
72	3/23/2016 02:46:05	13.53	40.16	25.66	8.27	7.99	25.6	3.205	93.1	2.9	0.7
73	3/23/2016 03:01:06	13.56	39.38	25.11	8.28	7.97	24.8	3.109	93.0	3.5	0.8

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
74	3/23/2016 03:16:05	13.53	38.32	24.36	8.18	7.96	18.3	3.004	91.4	3.2	0.8
75	3/23/2016 03:31:06	13.49	38.02	24.15	8.16	7.95	13.4	2.907	90.9	3.8	0.9
76	3/23/2016 03:46:05	13.47	38.18	24.27	8.12	7.95	12.6	2.803	90.6	3.3	0.8
77	3/23/2016 04:01:05	13.38	38.59	24.55	8.19	7.95	11.9	2.706	91.3	3.4	0.8
78	3/23/2016 04:16:05	13.41	37.82	24.01	8.22	7.95	11.7	2.608	91.4	3.3	0.8
79	3/23/2016 04:31:05	13.45	37.34	23.68	8.16	7.94	13.1	2.499	90.6	2.8	0.7
80	3/23/2016 04:46:05	13.34	37.70	23.93	8.19	7.94	11.7	2.382	90.8	3.1	0.7
81	3/23/2016 05:01:05	13.49	36.90	23.37	8.18	7.93	13.3	2.288	90.8	3.1	0.7
82	3/23/2016 05:16:06	13.41	37.05	23.47	8.12	7.94	11.9	2.194	90.0	3.4	0.8
83	3/23/2016 05:31:06	13.31	37.10	23.51	8.12	7.93	11.1	2.107	89.8	3.3	0.8
84	3/23/2016 05:46:06	13.29	36.97	23.42	8.11	7.93	10.6	2.016	89.6	3.0	0.7
85	3/23/2016 06:01:06	13.37	36.57	23.14	8.18	7.93	10.4	1.940	90.4	3.2	0.8
86	3/23/2016 06:16:06	13.41	36.41	23.03	8.15	7.94	10.2	1.895	90.1	3.0	0.7
87	3/23/2016 06:31:06	13.47	36.27	22.93	8.13	7.93	10.1	1.848	89.9	3.1	0.7
88	3/23/2016 06:46:06	13.51	36.23	22.90	8.09	7.93	8.1	1.825	89.5	3.8	0.9
89	3/23/2016 07:01:05	13.54	36.48	23.08	8.13	7.94	8.6	1.860	90.1	3.2	0.8
90	3/23/2016 07:16:05	13.52	36.54	23.12	8.16	7.94	9.2	1.880	90.5	3.4	0.8
91	3/23/2016 07:31:05	13.42	36.47	23.07	8.20	7.94	9.2	1.948	90.6	2.8	0.7
92	3/23/2016 07:46:05	13.38	35.76	22.58	8.22	7.93	9.2	1.997	90.5	3.5	0.8
93	3/23/2016 08:01:06	13.43	35.60	22.46	8.13	7.92	10.3	2.086	89.5	2.4	0.6
94	3/23/2016 08:16:06	13.47	36.09	22.80	8.08	7.92	10.5	2.174	89.3	3.1	0.7
95	3/23/2016 08:31:05	13.46	35.96	22.72	8.06	7.92	11.5	2.260	89.0	2.9	0.7
96	3/23/2016 08:46:05	13.46	36.47	23.07	8.13	7.93	14.2	2.342	90.0	3.2	0.8
97	3/23/2016 09:01:06	13.44	36.61	23.17	8.15	7.94	12.5	2.422	90.2	3.2	0.8
98	3/23/2016 09:16:06	13.52	37.82	24.01	8.13	7.95	13.6	2.522	90.6	2.9	0.7
99	3/23/2016 09:31:05	13.55	38.10	24.21	8.10	7.96	15.8	2.591	90.5	3.0	0.7
100	3/23/2016 09:46:06	13.57	38.32	24.37	8.07	7.96	14.1	2.680	90.2	2.9	0.7
101	3/23/2016 10:01:06	13.54	38.53	24.51	8.07	7.96	13.0	2.769	90.3	2.8	0.7
102	3/23/2016 10:16:06	13.52	38.93	24.79	8.09	7.98	13.7	2.851	90.6	2.6	0.6
103	3/23/2016 10:31:06	13.50	39.22	25.00	8.11	7.98	15.8	2.937	90.9	3.3	0.8
104	3/23/2016 10:46:06	13.48	39.51	25.20	8.18	7.99	18.0	3.027	91.8	2.5	0.6
105	3/23/2016 11:01:06	13.43	39.76	25.37	8.21	7.99	18.9	3.113	92.1	3.0	0.7
106	3/23/2016 11:16:06	13.40	39.92	25.49	8.24	8.00	20.3	3.201	92.4	3.2	0.8
107	3/23/2016 11:31:06	13.36	40.22	25.70	8.22	8.00	22.9	3.290	92.3	3.3	0.8
108	3/23/2016 11:46:06	13.27	40.85	26.14	8.26	8.02	25.9	3.368	92.7	2.3	0.5
109	3/23/2016 12:01:06	13.17	41.62	26.68	8.28	8.02	29.0	3.446	93.1	3.0	0.7
110	3/23/2016 12:16:06	13.10	42.23	27.11	8.38	8.04	29.2	3.513	94.4	2.8	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
111	3/23/2016 12:31:06	13.07	42.47	27.28	8.36	8.04	21.1	3.568	94.2	2.9	0.7
112	3/23/2016 12:46:05	13.06	42.61	27.38	8.37	8.05	18.8	3.613	94.3	2.4	0.6
113	3/23/2016 13:01:06	13.04	42.74	27.47	8.33	8.05	14.3	3.642	93.9	2.9	0.7
114	3/23/2016 13:16:06	13.04	42.74	27.47	8.28	8.04	15.0	3.628	93.4	2.4	0.6
115	3/23/2016 13:31:05	13.03	42.66	27.42	8.35	8.05	18.1	3.618	94.1	2.3	0.5
116	3/23/2016 13:46:05	13.23	42.14	27.05	8.33	8.04	13.9	3.567	94.0	2.2	0.5
117	3/23/2016 14:01:05	13.61	40.78	26.10	8.37	8.03	13.8	3.501	94.7	2.6	0.6
118	3/23/2016 14:16:05	13.85	40.21	25.70	8.40	8.03	11.8	3.423	95.2	3.0	0.7
119	3/23/2016 14:31:05	13.97	39.77	25.39	8.30	8.02	11.8	3.314	94.1	2.4	0.6
120	3/23/2016 14:46:06	13.81	39.92	25.49	8.38	8.02	19.3	3.229	94.8	3.6	0.9
121	3/23/2016 15:01:05	13.93	39.60	25.27	8.37	8.02	12.8	3.128	94.8	2.7	0.6
122	3/23/2016 15:16:05	14.19	39.05	24.89	8.49	8.03	9.7	3.018	96.4	2.9	0.7
123	3/23/2016 15:31:05	14.32	38.92	24.80	8.46	8.02	8.7	2.907	96.3	2.9	0.7
124	3/23/2016 15:46:05	14.29	38.70	24.65	8.50	8.03	8.0	2.810	96.6	3.3	0.8
125	3/23/2016 16:01:06	14.27	38.60	24.57	8.55	8.03	8.1	2.711	97.2	3.1	0.7
126	3/23/2016 16:16:05	14.27	38.20	24.30	8.57	8.02	7.8	2.590	97.2	3.0	0.7
127	3/23/2016 16:31:06	14.31	38.13	24.25	8.52	8.02	8.3	2.488	96.6	3.3	0.8
128	3/23/2016 16:46:05	14.33	36.94	23.41	8.64	8.02	9.7	2.387	97.5	3.0	0.7
129	3/23/2016 17:01:05	14.36	37.19	23.59	8.66	8.02	9.2	2.276	98.0	3.6	0.9
130	3/23/2016 17:16:05	14.38	36.93	23.41	8.69	8.02	9.5	2.171	98.2	3.2	0.8
131	3/23/2016 17:31:05	14.44	37.02	23.47	8.71	8.03	8.5	2.068	98.6	3.6	0.9
132	3/23/2016 17:46:05	14.49	36.65	23.22	8.73	8.02	8.3	1.981	98.7	3.6	0.8
133	3/23/2016 18:01:05	14.52	36.58	23.17	8.68	8.02	8.1	1.894	98.2	4.0	1.0
134	3/23/2016 18:16:05	14.54	36.37	23.02	8.71	8.02	8.1	1.841	98.5	3.9	0.9
135	3/23/2016 18:31:05	14.54	36.28	22.96	8.69	8.01	7.9	1.791	98.2	3.0	0.7
136	3/23/2016 18:46:05	14.54	36.20	22.90	8.65	8.01	7.5	1.750	97.8	4.1	1.0
137	3/23/2016 19:01:05	14.54	36.18	22.89	8.69	8.01	7.2	1.773	98.2	3.6	0.9
138	3/23/2016 19:16:05	14.52	36.30	22.97	8.64	8.01	7.3	1.771	97.6	3.7	0.9
139	3/23/2016 19:31:05	14.50	36.29	22.96	8.70	8.01	7.6	1.826	98.3	3.3	0.8
140	3/23/2016 19:46:05	14.49	36.21	22.90	8.70	8.01	7.2	1.884	98.2	3.6	0.9
141	3/23/2016 20:01:05	14.44	35.50	22.41	8.62	8.00	8.7	1.965	96.9	4.0	1.0
142	3/23/2016 20:16:05	14.39	35.39	22.34	8.65	7.99	9.5	2.041	97.1	3.7	0.9
143	3/23/2016 20:31:05	14.37	35.66	22.53	8.63	7.99	9.5	2.118	97.0	4.1	1.0
144	3/23/2016 20:46:05	14.36	35.97	22.74	8.61	8.00	9.2	2.231	96.9	4.4	1.0
145	3/23/2016 21:01:06	14.23	36.18	22.88	8.47	7.99	10.6	2.319	95.2	4.4	1.0
146	3/23/2016 21:16:05	14.18	36.08	22.81	8.44	7.99	10.2	2.392	94.7	4.0	0.9
147	3/23/2016 21:31:06	14.11	37.14	23.55	8.34	7.99	11.3	2.496	93.8	3.7	0.9

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	3/23/2016 21:46:06	14.06	37.85	24.05	8.29	7.99	12.5	2.589	93.4	3.7	0.9
149	3/23/2016 22:01:06	14.11	38.11	24.23	8.31	8.00	12.3	2.667	93.8	3.5	0.8
150	3/23/2016 22:16:06	14.02	38.31	24.37	8.31	8.00	13.3	2.757	93.8	3.6	0.8
151	3/23/2016 22:31:06	13.95	38.93	24.80	8.37	8.01	15.6	2.858	94.6	3.2	0.8
152	3/23/2016 22:46:06	13.85	39.50	25.20	8.33	8.02	19.6	2.943	94.2	3.2	0.8
153	3/23/2016 23:01:06	13.81	39.66	25.31	8.39	8.02	17.7	3.027	94.8	3.2	0.8
154	3/23/2016 23:16:06	13.74	39.75	25.38	8.35	8.02	19.5	3.134	94.2	3.5	0.8
155	3/23/2016 23:31:05	13.66	40.10	25.62	8.36	8.03	20.7	3.226	94.3	3.5	0.8
156	3/23/2016 23:46:06	13.54	40.81	26.12	8.43	8.04	28.4	3.302	95.2	3.8	0.9
157	3/24/2016 00:01:06	13.38	41.61	26.68	8.42	8.05	29.0	3.404	95.1	3.7	0.9
158	3/24/2016 00:16:06	13.31	42.07	27.01	8.44	8.06	26.7	3.490	95.4	3.4	0.8
159	3/24/2016 00:31:06	13.26	42.31	27.17	8.52	8.06	20.8	3.556	96.3	3.4	0.8
160	3/24/2016 00:46:06	13.23	42.47	27.29	8.48	8.07	20.4	3.613	95.9	2.7	0.6
161	3/24/2016 01:01:06	13.21	42.58	27.36	8.55	8.07	16.8	3.669	96.7	3.3	0.8
162	3/24/2016 01:16:05	13.19	42.65	27.41	8.51	8.07	13.4	3.699	96.2	2.7	0.6
163	3/24/2016 01:31:05	13.18	42.71	27.46	8.48	8.07	8.9	3.701	95.9	2.9	0.7
164	3/24/2016 01:46:06	13.20	42.62	27.39	8.51	8.07	13.7	3.699	96.2	3.1	0.7
165	3/24/2016 02:01:05	13.30	41.70	26.74	8.41	8.06	13.1	3.665	94.8	3.1	0.7
166	3/24/2016 02:16:06	13.24	42.23	27.12	8.46	8.06	15.3	3.591	95.6	3.8	0.9
167	3/24/2016 02:31:05	13.32	40.73	26.06	8.43	8.05	15.0	3.522	94.8	3.1	0.7
168	3/24/2016 02:46:06	13.39	39.52	25.21	8.39	8.03	14.0	3.430	94.0	3.6	0.8
169	3/24/2016 03:01:06	13.39	40.39	25.82	8.34	8.04	18.8	3.316	93.7	2.5	0.6
170	3/24/2016 03:16:06	13.51	39.87	25.45	8.35	8.04	26.0	3.209	93.9	3.6	0.8
171	3/24/2016 03:31:06	13.57	39.07	24.89	8.33	8.02	17.5	3.118	93.5	3.4	0.8
172	3/24/2016 03:46:06	13.64	38.54	24.52	8.26	8.01	17.5	3.005	92.6	2.9	0.7
173	3/24/2016 04:01:05	13.65	39.06	24.89	8.31	8.02	19.7	2.890	93.4	2.6	0.6
174	3/24/2016 04:16:06	13.63	38.96	24.82	8.23	8.02	15.5	2.793	92.4	3.5	0.8
175	3/24/2016 04:31:06	13.61	38.23	24.30	8.22	8.01	10.8	2.685	91.9	3.2	0.7
176	3/24/2016 04:46:06	13.59	38.28	24.34	8.21	8.01	10.4	2.566	91.8	3.0	0.7
177	3/24/2016 05:01:06	13.61	38.10	24.21	8.25	8.00	10.3	2.453	92.2	2.8	0.7
178	3/24/2016 05:16:06	13.68	37.58	23.85	8.25	8.00	11.7	2.349	92.1	3.0	0.7
179	3/24/2016 05:31:06	13.65	37.44	23.75	8.17	7.99	11.9	2.235	91.2	3.0	0.7
180	3/24/2016 05:46:06	13.63	37.23	23.60	8.16	7.99	11.9	2.123	90.9	3.6	0.9
181	3/24/2016 06:01:06	13.68	36.79	23.30	8.19	7.98	11.6	2.030	91.1	3.7	0.9
182	3/24/2016 06:16:06	13.72	36.45	23.06	8.19	7.98	11.2	1.928	91.1	3.4	0.8
183	3/24/2016 06:31:06	13.77	36.14	22.85	8.18	7.98	12.6	1.857	91.0	3.5	0.8
184	3/24/2016 06:46:06	13.82	35.97	22.73	8.16	7.97	11.3	1.808	90.7	3.6	0.9

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	3/24/2016 07:01:06	13.84	36.00	22.75	8.14	7.97	10.6	1.748	90.6	3.2	0.8
186	3/24/2016 07:16:06	13.85	36.00	22.75	8.01	7.97	8.3	1.731	89.2	3.6	0.8
187	3/24/2016 07:31:06	13.84	35.91	22.69	8.12	7.98	9.9	1.738	90.3	3.5	0.8
188	3/24/2016 07:46:06	13.81	36.10	22.82	8.13	7.98	9.2	1.773	90.5	3.7	0.9
189	3/24/2016 08:01:06	13.83	36.09	22.81	8.17	7.98	9.4	1.811	91.0	3.1	0.7
190	3/24/2016 08:16:05	13.84	36.17	22.87	8.12	7.98	9.6	1.883	90.4	3.3	0.8
191	3/24/2016 08:31:06	13.80	35.77	22.59	8.12	7.97	10.1	1.971	90.2	3.0	0.7
192	3/24/2016 08:46:06	13.80	35.83	22.63	8.11	7.97	10.9	2.039	90.2	3.3	0.8
193	3/24/2016 09:01:06	13.76	35.54	22.43	8.18	7.97	9.5	2.141	90.8	3.1	0.7
194	3/24/2016 09:16:06	13.81	36.48	23.08	8.11	7.98	12.5	2.235	90.4	3.2	0.8
195	3/24/2016 09:31:06	13.74	37.02	23.46	8.13	7.99	11.5	2.319	90.7	2.7	0.6
196	3/24/2016 09:46:06	13.72	37.77	23.98	8.13	8.00	12.2	2.407	90.9	2.9	0.7
197	3/24/2016 10:01:06	13.71	38.00	24.14	8.21	8.01	11.6	2.487	91.9	2.6	0.6
198	3/24/2016 10:16:06	13.71	38.20	24.28	8.22	8.01	11.3	2.572	92.1	2.2	0.5
199	3/24/2016 10:31:06	13.73	38.21	24.29	8.17	8.01	10.5	2.662	91.6	2.7	0.6
200	3/24/2016 10:46:06	13.71	38.37	24.41	8.17	8.02	10.6	2.761	91.6	2.7	0.6
201	3/24/2016 11:01:05	13.63	38.93	24.79	8.18	8.03	13.3	2.821	91.9	2.8	0.7
202	3/24/2016 11:16:06	13.59	39.17	24.96	8.19	8.03	12.8	2.914	92.0	3.3	0.8
203	3/24/2016 11:31:06	13.56	39.24	25.01	8.23	8.04	14.7	2.989	92.3	3.0	0.7
204	3/24/2016 11:46:06	13.49	39.62	25.28	8.24	8.05	16.5	3.102	92.5	3.1	0.7
205	3/24/2016 12:01:06	13.44	39.92	25.49	8.31	8.05	16.2	3.160	93.3	2.9	0.7
206	3/24/2016 12:16:06	13.36	40.60	25.96	8.28	8.06	20.4	3.242	93.1	3.0	0.7
207	3/24/2016 12:31:06	13.22	41.67	26.72	8.36	8.08	21.7	3.337	94.2	2.4	0.6
208	3/24/2016 12:46:06	13.14	42.31	27.17	8.39	8.09	25.8	3.399	94.6	2.6	0.6
209	3/24/2016 13:01:06	13.11	42.79	27.51	8.41	8.10	19.0	3.450	94.9	2.9	0.7
210	3/24/2016 13:16:06	13.11	43.00	27.66	8.36	8.10	12.9	3.497	94.4	2.5	0.6
211	3/24/2016 13:31:06	13.11	43.10	27.73	8.41	8.10	12.6	3.531	95.1	3.0	0.7
212	3/24/2016 13:46:06	13.10	43.18	27.79	8.34	8.11	9.0	3.552	94.3	2.4	0.6
213	3/24/2016 14:01:06	13.10	43.18	27.79	8.30	8.10	7.2	3.544	93.9	2.2	0.5
214	3/24/2016 14:16:06	13.11	43.08	27.72	8.32	8.10	10.9	3.510	94.0	2.5	0.6
215	3/24/2016 14:31:06	13.23	42.51	27.32	8.39	8.10	10.8	3.482	94.8	2.8	0.7
216	3/24/2016 14:46:06	13.55	41.51	26.62	8.36	8.10	17.3	3.393	94.8	3.2	0.8
217	3/24/2016 15:01:06	13.70	41.52	26.63	8.39	8.10	26.1	3.332	95.4	3.7	0.9
218	3/24/2016 15:16:06	13.73	41.62	26.70	8.41	8.10	25.3	3.245	95.7	3.8	0.9
219	3/24/2016 15:31:06	13.68	40.90	26.19	8.36	8.09	18.3	3.146	94.8	3.0	0.7
220	3/24/2016 15:46:06	13.81	39.98	25.54	8.40	8.07	25.4	3.072	95.0	3.5	0.8
221	3/24/2016 16:01:06	13.87	39.58	25.26	8.34	8.07	22.4	2.966	94.3	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
222	3/24/2016 16:16:06	14.30	39.50	25.21	8.34	8.07	26.7	2.872	95.2	4.0	0.9
223	3/24/2016 16:31:06	14.30	39.12	24.94	8.38	8.06	31.0	2.750	95.5	3.9	0.9
224	3/24/2016 16:46:06	14.32	38.57	24.55	8.40	8.06	27.4	2.654	95.5	4.2	1.0
225	3/24/2016 17:01:06	14.33	37.95	24.12	8.42	8.06	22.0	2.541	95.5	3.4	0.8
226	3/24/2016 17:16:06	14.40	37.37	23.72	8.43	8.05	22.8	2.420	95.5	4.1	1.0
227	3/24/2016 17:31:06	14.42	36.95	23.42	8.48	8.04	22.0	2.354	96.0	4.5	1.1
228	3/24/2016 17:46:05	14.48	37.26	23.64	8.47	8.06	21.4	2.229	96.0	4.2	1.0
229	3/24/2016 18:01:05	14.52	36.79	23.31	8.51	8.05	25.2	2.166	96.4	4.2	1.0
230	3/24/2016 18:16:06	14.54	36.81	23.33	8.48	8.05	27.6	2.066	96.1	4.8	1.1
231	3/24/2016 18:31:06	14.52	36.76	23.29	8.46	8.05	30.2	1.994	95.8	5.2	1.2
232	3/24/2016 18:46:05	14.53	36.48	23.09	8.37	8.04	31.8	1.935	94.7	4.8	1.1
233	3/24/2016 19:01:06	14.55	36.34	23.00	8.40	8.03	28.5	1.908	95.0	5.2	1.2
234	3/24/2016 19:16:06	14.54	36.21	22.91	8.37	8.03	24.5	1.860	94.6	5.0	1.2
235	3/24/2016 19:31:06	14.52	36.17	22.88	8.34	8.03	21.4	1.875	94.3	5.0	1.2
236	3/24/2016 19:46:06	14.53	36.23	22.92	8.33	8.03	20.6	1.872	94.1	5.2	1.2
237	3/24/2016 20:01:06	14.50	36.23	22.92	8.39	8.03	19.4	1.893	94.8	5.0	1.2
238	3/24/2016 20:16:06	14.49	36.24	22.93	8.36	8.03	18.1	1.961	94.4	5.0	1.2
239	3/24/2016 20:31:06	14.49	36.19	22.90	8.35	8.02	19.4	2.007	94.3	5.2	1.2
240	3/24/2016 20:46:05	14.48	36.21	22.91	8.36	8.02	17.1	2.090	94.4	4.6	1.1
241	3/24/2016 21:01:06	14.47	35.48	22.40	8.43	8.02	16.9	2.164	94.9	4.9	1.2
242	3/24/2016 21:16:06	14.45	35.55	22.45	8.44	8.01	14.9	2.234	94.9	4.9	1.2
243	3/24/2016 21:31:05	14.42	36.08	22.82	8.35	8.02	20.3	2.365	94.1	4.8	1.1
244	3/24/2016 21:46:05	14.33	36.67	23.23	8.40	8.03	18.5	2.445	94.7	4.3	1.0
245	3/24/2016 22:01:06	14.20	37.47	23.78	8.38	8.03	18.8	2.511	94.6	4.1	1.0
246	3/24/2016 22:16:06	14.07	38.23	24.31	8.33	8.04	19.7	2.625	94.0	3.8	0.9
247	3/24/2016 22:31:05	13.98	38.32	24.37	8.33	8.05	14.7	2.692	94.0	3.7	0.9
248	3/24/2016 22:46:06	13.93	38.34	24.39	8.34	8.05	13.9	2.765	94.0	3.2	0.8
249	3/24/2016 23:01:06	13.84	38.70	24.64	8.34	8.06	13.5	2.876	93.9	3.5	0.8
250	3/24/2016 23:16:06	13.77	39.57	25.25	8.32	8.07	12.4	2.949	93.9	3.4	0.8
251	3/24/2016 23:31:06	13.76	40.24	25.72	8.37	8.07	19.2	3.026	94.8	3.5	0.8
252	3/24/2016 23:46:06	13.68	40.47	25.88	8.34	8.08	21.3	3.112	94.4	3.6	0.9
253	3/25/2016 00:01:06	13.63	40.78	26.10	8.34	8.08	19.1	3.187	94.4	3.5	0.8
254	3/25/2016 00:16:06	13.56	41.00	26.26	8.40	8.09	19.2	3.274	95.0	3.3	0.8
255	3/25/2016 00:31:06	13.42	41.78	26.80	8.47	8.10	19.1	3.370	95.9	3.5	0.8
256	3/25/2016 00:46:06	13.32	42.36	27.21	8.53	8.11	23.3	3.419	96.5	3.0	0.7
257	3/25/2016 01:01:06	13.23	42.74	27.48	8.57	8.11	23.3	3.514	97.0	3.4	0.8
258	3/25/2016 01:16:06	13.18	43.12	27.75	8.51	8.12	16.4	3.547	96.3	3.4	0.8

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
259	3/25/2016 01:31:06	13.16	43.30	27.88	8.47	8.12	11.9	3.584	95.9	3.4	0.8
260	3/25/2016 01:46:06	13.16	43.33	27.90	8.50	8.12	9.4	3.620	96.3	2.9	0.7
261	3/25/2016 02:01:06	13.14	43.44	27.98	8.45	8.12	8.4	3.619	95.8	3.5	0.8
262	3/25/2016 02:16:05	13.17	43.07	27.71	8.44	8.12	12.8	3.594	95.5	3.4	0.8
263	3/25/2016 02:31:06	13.25	42.46	27.28	8.41	8.11	14.7	3.565	95.1	3.1	0.7
264	3/25/2016 02:46:06	13.27	41.97	26.93	8.36	8.10	11.7	3.512	94.4	3.0	0.7
265	3/25/2016 03:01:05	13.26	41.12	26.33	8.45	8.10	21.1	3.419	95.1	3.7	0.9
266	3/25/2016 03:16:06	13.25	41.27	26.44	8.46	8.10	11.7	3.348	95.2	3.1	0.7
267	3/25/2016 03:31:06	13.40	40.03	25.56	8.37	8.08	11.1	3.253	93.9	2.7	0.7
268	3/25/2016 03:46:06	13.45	39.78	25.39	8.33	8.07	13.8	3.145	93.5	3.2	0.8
269	3/25/2016 04:01:06	13.49	39.67	25.31	8.24	8.06	11.1	3.052	92.5	3.4	0.8
270	3/25/2016 04:16:06	13.53	39.35	25.09	8.22	8.06	11.7	2.921	92.2	2.9	0.7
271	3/25/2016 04:31:06	13.51	39.67	25.32	8.20	8.06	11.5	2.825	92.1	3.2	0.8
272	3/25/2016 04:46:06	13.55	39.41	25.13	8.18	8.06	12.4	2.736	91.8	3.2	0.8
273	3/25/2016 05:01:06	13.54	39.06	24.88	8.17	8.05	11.7	2.618	91.6	2.7	0.6
274	3/25/2016 05:16:06	13.68	37.92	24.09	8.21	8.04	14.5	2.516	91.8	3.8	0.9
275	3/25/2016 05:31:06	13.58	38.15	24.25	8.20	8.04	13.6	2.398	91.6	3.4	0.8
276	3/25/2016 05:46:06	13.71	37.16	23.55	8.12	8.02	14.2	2.286	90.5	4.1	1.0
277	3/25/2016 06:01:06	13.59	37.27	23.63	8.15	8.02	15.1	2.165	90.7	3.8	0.9
278	3/25/2016 06:16:06	13.57	37.09	23.51	8.07	8.02	14.5	2.082	89.8	4.1	1.0
279	3/25/2016 06:31:07	13.57	36.91	23.38	8.09	8.01	15.6	1.949	89.9	3.9	0.9
280	3/25/2016 06:46:06	13.56	36.69	23.23	8.02	8.01	15.6	1.856	89.0	3.8	0.9
281	3/25/2016 07:01:06	13.58	36.47	23.07	7.97	8.00	15.9	1.808	88.5	4.2	1.0
282	3/25/2016 07:16:06	13.59	36.38	23.01	7.93	7.99	16.9	1.705	87.9	4.4	1.0
283	3/25/2016 07:31:06	13.62	36.33	22.98	7.92	7.99	19.7	1.667	87.9	3.6	0.8
284	3/25/2016 07:46:06	13.64	36.21	22.89	7.89	7.99	17.8	1.674	87.5	3.7	0.9
285	3/25/2016 08:01:06	13.64	36.21	22.90	7.99	7.99	15.8	1.646	88.7	4.1	1.0
286	3/25/2016 08:16:06	13.64	36.24	22.91	7.98	7.99	12.7	1.696	88.5	3.5	0.8
287	3/25/2016 08:31:06	13.68	36.44	23.05	7.99	8.00	13.6	1.693	88.8	3.9	0.9
288	3/25/2016 08:46:06	13.74	36.68	23.22	7.98	8.00	12.6	1.772	88.9	3.1	0.7
289	3/25/2016 09:01:06	13.63	35.70	22.54	8.06	7.99	14.8	1.839	89.2	3.7	0.9
290	3/25/2016 09:16:06	13.64	35.70	22.54	8.01	7.99	14.5	1.891	88.7	3.6	0.9
291	3/25/2016 09:31:06	13.68	36.26	22.93	7.99	7.99	13.8	1.989	88.7	3.4	0.8
292	3/25/2016 09:46:06	13.69	36.38	23.01	8.04	8.00	12.8	2.096	89.4	3.7	0.9
293	3/25/2016 10:01:06	13.66	36.54	23.13	8.11	8.00	13.9	2.164	90.1	3.2	0.8
294	3/25/2016 10:16:06	13.66	37.14	23.54	8.14	8.02	13.7	2.265	90.7	3.4	0.8
295	3/25/2016 10:31:06	13.64	37.62	23.87	8.18	8.03	14.3	2.355	91.3	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
296	3/25/2016 10:46:06	13.61	38.20	24.28	8.20	8.04	12.8	2.415	91.7	3.2	0.8
297	3/25/2016 11:01:06	13.60	38.11	24.22	8.18	8.04	11.5	2.516	91.4	3.4	0.8
298	3/25/2016 11:16:06	13.57	38.69	24.62	8.22	8.04	12.5	2.596	92.1	3.0	0.7
299	3/25/2016 11:31:06	13.53	39.21	24.99	8.23	8.05	14.0	2.666	92.3	3.0	0.7
300	3/25/2016 11:46:06	13.49	39.60	25.26	8.22	8.06	13.2	2.748	92.2	2.7	0.6
301	3/25/2016 12:01:06	13.45	39.95	25.51	8.27	8.06	16.0	2.820	92.9	3.4	0.8
302	3/25/2016 12:16:06	13.46	40.20	25.69	8.25	8.07	13.7	2.893	92.8	3.0	0.7
303	3/25/2016 12:31:06	13.44	40.36	25.80	8.33	8.07	15.5	2.979	93.7	3.1	0.7
304	3/25/2016 12:46:06	13.41	40.51	25.90	8.34	8.08	16.1	3.057	93.9	2.6	0.6
305	3/25/2016 13:01:06	13.41	40.83	26.13	8.39	8.08	15.2	3.135	94.5	2.8	0.7
306	3/25/2016 13:16:06	13.32	41.43	26.55	8.38	8.09	16.7	3.194	94.5	3.6	0.9
307	3/25/2016 13:31:06	13.30	41.90	26.88	8.49	8.10	12.4	3.246	95.9	2.7	0.6
308	3/25/2016 13:46:06	13.20	42.15	27.06	8.48	8.10	11.7	3.298	95.7	2.6	0.6
309	3/25/2016 14:01:06	13.15	42.43	27.25	8.50	8.10	10.5	3.341	95.9	2.8	0.7
310	3/25/2016 14:16:06	13.17	42.52	27.32	8.41	8.10	8.0	3.354	95.0	2.7	0.6
311	3/25/2016 14:31:06	13.26	42.33	27.19	8.39	8.10	8.4	3.356	94.8	2.4	0.6
312	3/25/2016 14:46:06	13.38	42.01	26.97	8.47	8.10	10.0	3.346	95.8	3.1	0.7
313	3/25/2016 15:01:06	13.33	42.00	26.96	8.40	8.10	14.7	3.300	95.0	2.3	0.6
314	3/25/2016 15:16:06	13.82	41.32	26.49	8.50	8.10	24.1	3.268	96.8	3.9	0.9
315	3/25/2016 15:31:06	13.82	41.59	26.67	8.53	8.10	22.3	3.192	97.3	4.0	0.9
316	3/25/2016 15:46:07	13.80	41.74	26.78	8.48	8.10	19.0	3.123	96.7	3.8	0.9
317	3/25/2016 16:01:07	14.11	40.54	25.94	8.54	8.11	17.7	3.046	97.5	4.1	1.0
318	3/25/2016 16:16:06	14.19	40.24	25.73	8.59	8.11	17.0	2.947	98.0	4.1	1.0
319	3/25/2016 16:31:06	14.31	39.77	25.40	8.47	8.10	18.2	2.873	96.8	3.4	0.8
320	3/25/2016 16:46:05	14.31	39.81	25.43	8.46	8.10	20.8	2.772	96.6	3.5	0.8
321	3/25/2016 17:01:06	14.31	39.51	25.22	8.47	8.09	20.2	2.676	96.6	3.6	0.9
322	3/25/2016 17:16:06	14.39	38.96	24.83	8.53	8.09	20.6	2.589	97.2	3.4	0.8
323	3/25/2016 17:31:06	14.40	38.81	24.73	8.43	8.08	21.6	2.496	96.1	3.9	0.9
324	3/25/2016 17:46:06	14.52	37.52	23.82	8.48	8.07	21.1	2.380	96.3	4.8	1.1
325	3/25/2016 18:01:06	14.62	36.93	23.41	8.41	8.06	21.5	2.320	95.6	4.1	1.0
326	3/25/2016 18:16:05	14.68	36.96	23.43	8.41	8.06	21.8	2.205	95.7	4.6	1.1
327	3/25/2016 18:31:06	14.69	37.15	23.57	8.49	8.07	24.1	2.127	96.6	4.5	1.1
328	3/25/2016 18:46:06	14.71	37.12	23.54	8.51	8.07	24.9	2.060	96.9	4.4	1.1
329	3/25/2016 19:01:06	14.72	36.99	23.45	8.43	8.07	25.2	1.981	96.0	4.8	1.1
330	3/25/2016 19:16:06	14.73	36.87	23.37	8.40	8.07	23.9	1.939	95.6	4.7	1.1
331	3/25/2016 19:31:06	14.74	36.79	23.31	8.38	8.06	25.7	1.888	95.4	5.0	1.2
332	3/25/2016 19:46:05	14.81	36.60	23.18	8.36	8.06	21.1	1.871	95.1	5.0	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	3/25/2016 20:01:05	14.79	36.57	23.17	8.34	8.06	18.1	1.879	94.9	5.0	1.2
334	3/25/2016 20:16:06	14.73	36.67	23.23	8.41	8.06	19.3	1.872	95.6	4.8	1.1
335	3/25/2016 20:31:06	14.72	36.70	23.25	8.38	8.06	17.0	1.913	95.2	4.4	1.1
336	3/25/2016 20:46:06	14.72	36.54	23.14	8.38	8.05	18.1	1.961	95.2	4.9	1.2
337	3/25/2016 21:01:05	14.75	36.56	23.16	8.44	8.05	18.1	2.025	96.0	4.8	1.2
338	3/25/2016 21:16:05	14.70	36.52	23.12	8.43	8.05	16.4	2.089	95.8	4.8	1.1
339	3/25/2016 21:31:05	14.67	36.61	23.19	8.43	8.05	16.1	2.174	95.7	4.8	1.1
340	3/25/2016 21:46:06	14.64	36.58	23.17	8.40	8.04	16.1	2.240	95.3	4.6	1.1
341	3/25/2016 22:01:06	14.57	36.80	23.32	8.34	8.05	16.1	2.331	94.6	3.8	0.9
342	3/25/2016 22:16:06	14.50	37.16	23.57	8.35	8.05	14.4	2.409	94.7	4.0	0.9
343	3/25/2016 22:31:06	14.32	37.82	24.03	8.41	8.05	13.5	2.490	95.3	4.1	1.0
344	3/25/2016 22:46:06	14.21	38.49	24.50	8.36	8.06	12.6	2.558	94.8	4.1	1.0
345	3/25/2016 23:01:06	14.04	39.22	25.01	8.37	8.07	10.5	2.651	94.8	3.6	0.9
346	3/25/2016 23:16:06	14.00	39.00	24.85	8.40	8.07	10.3	2.731	95.1	4.0	0.9
347	3/25/2016 23:31:06	13.95	39.15	24.96	8.47	8.08	11.1	2.806	95.8	3.8	0.9
348	3/25/2016 23:46:06	13.85	39.67	25.32	8.42	8.08	9.2	2.888	95.3	3.4	0.8
349	3/26/2016 00:01:06	13.68	41.00	26.25	8.44	8.09	9.7	2.974	95.7	3.4	0.8
350	3/26/2016 00:16:06	13.59	41.03	26.27	8.45	8.09	9.8	3.044	95.6	3.4	0.8
351	3/26/2016 00:31:05	13.39	42.21	27.10	8.40	8.09	13.7	3.128	95.2	2.9	0.7
352	3/26/2016 00:46:06	13.24	43.12	27.75	8.34	8.09	19.2	3.220	94.6	2.9	0.7
353	3/26/2016 01:01:06	13.18	43.50	28.02	8.33	8.09	19.5	3.285	94.5	3.5	0.8
354	3/26/2016 01:16:06	13.09	43.83	28.25	8.34	8.10	26.0	3.357	94.5	2.9	0.7
355	3/26/2016 01:31:06	13.00	44.24	28.54	8.34	8.10	21.9	3.426	94.6	3.3	0.8
356	3/26/2016 01:46:06	12.96	44.45	28.69	8.33	8.10	15.8	3.464	94.5	3.0	0.7
357	3/26/2016 02:01:06	12.92	44.66	28.84	8.37	8.10	14.0	3.504	95.0	3.0	0.7
358	3/26/2016 02:16:06	12.91	44.79	28.93	8.27	8.10	9.4	3.525	93.8	2.6	0.6
359	3/26/2016 02:31:06	12.92	44.81	28.95	8.23	8.10	11.9	3.517	93.3	2.8	0.7
360	3/26/2016 02:46:06	12.93	44.85	28.98	8.21	8.10	11.6	3.501	93.2	2.6	0.6
361	3/26/2016 03:01:06	12.94	44.74	28.90	8.25	8.10	12.1	3.463	93.6	2.3	0.5
362	3/26/2016 03:16:05	13.02	44.10	28.44	8.29	8.10	13.9	3.405	94.0	2.9	0.7
363	3/26/2016 03:31:05	13.12	43.23	27.82	8.30	8.09	12.4	3.329	93.9	2.9	0.7
364	3/26/2016 03:46:06	13.26	42.11	27.03	8.29	8.09	18.4	3.241	93.6	2.8	0.7
365	3/26/2016 04:01:06	13.42	40.79	26.10	8.24	8.08	18.7	3.157	92.8	3.8	0.9
366	3/26/2016 04:16:06	13.40	41.08	26.30	8.30	8.08	19.7	3.051	93.5	3.6	0.8
367	3/26/2016 04:31:06	13.45	41.01	26.26	8.23	8.08	20.3	2.945	92.8	3.5	0.8
368	3/26/2016 04:46:06	13.57	40.27	25.74	8.26	8.08	25.0	2.840	93.1	3.7	0.9
369	3/26/2016 05:01:06	13.58	40.01	25.55	8.23	8.07	23.0	2.740	92.7	3.6	0.9

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
370	3/26/2016 05:16:06	13.61	39.90	25.48	8.20	8.07	16.8	2.648	92.4	3.4	0.8
371	3/26/2016 05:31:07	13.45	39.14	24.94	8.16	8.06	14.2	2.531	91.3	3.2	0.8
372	3/26/2016 05:46:07	13.46	38.93	24.79	8.20	8.06	12.3	2.414	91.7	3.2	0.8
373	3/26/2016 06:01:06	13.56	38.57	24.54	8.13	8.05	13.0	2.314	91.0	3.7	0.9
374	3/26/2016 06:16:06	13.60	38.45	24.45	8.13	8.05	13.0	2.199	91.0	3.0	0.7
375	3/26/2016 06:31:06	13.56	38.49	24.48	8.09	8.04	12.6	2.079	90.5	3.0	0.7
376	3/26/2016 06:46:06	13.61	38.17	24.26	8.04	8.03	13.0	1.965	90.0	3.2	0.8
377	3/26/2016 07:01:06	13.71	37.70	23.94	7.99	8.03	13.1	1.868	89.3	3.5	0.8
378	3/26/2016 07:16:06	13.73	37.51	23.80	7.88	8.02	12.4	1.774	88.1	3.9	0.9
379	3/26/2016 07:31:06	13.73	37.39	23.71	7.85	8.01	12.6	1.694	87.7	3.6	0.9
380	3/26/2016 07:46:06	13.73	37.20	23.59	7.86	8.01	13.0	1.623	87.8	3.6	0.9
381	3/26/2016 08:01:06	13.76	37.08	23.50	7.81	8.01	14.4	1.562	87.2	4.1	1.0
382	3/26/2016 08:16:06	13.74	37.19	23.58	7.75	8.01	11.5	1.567	86.6	3.7	0.9
383	3/26/2016 08:31:06	13.77	37.33	23.67	7.90	8.01	12.6	1.570	88.3	3.5	0.8
384	3/26/2016 08:46:06	13.77	37.54	23.83	7.87	8.01	11.5	1.572	88.1	3.7	0.9
385	3/26/2016 09:01:06	13.83	37.73	23.96	7.95	8.02	10.7	1.616	89.1	4.0	0.9
386	3/26/2016 09:16:06	13.83	37.89	24.07	7.97	8.02	10.2	1.683	89.4	2.9	0.7
387	3/26/2016 09:31:06	13.77	36.55	23.13	7.92	8.01	11.2	1.747	88.2	3.7	0.9
388	3/26/2016 09:46:06	13.79	36.65	23.20	7.98	8.01	12.5	1.814	89.0	3.5	0.8
389	3/26/2016 10:01:06	13.81	37.25	23.62	7.93	8.01	10.4	1.889	88.7	3.5	0.8
390	3/26/2016 10:16:06	13.80	37.08	23.50	7.94	8.02	9.7	1.968	88.7	3.3	0.8
391	3/26/2016 10:31:06	13.78	37.20	23.58	7.96	8.02	10.6	2.055	89.0	3.7	0.9
392	3/26/2016 10:46:06	13.73	37.93	24.09	8.06	8.03	11.0	2.129	90.2	3.3	0.8
393	3/26/2016 11:01:06	13.69	38.31	24.36	8.05	8.04	10.7	2.207	90.2	3.0	0.7
394	3/26/2016 11:16:06	13.65	38.90	24.78	8.09	8.05	9.8	2.281	90.8	3.1	0.7
395	3/26/2016 11:31:06	13.61	39.35	25.09	8.12	8.05	10.4	2.374	91.2	3.5	0.8
396	3/26/2016 11:46:06	13.59	39.95	25.51	8.19	8.06	10.3	2.451	92.2	2.5	0.6
397	3/26/2016 12:01:06	13.56	40.08	25.60	8.14	8.06	9.9	2.520	91.7	2.6	0.6
398	3/26/2016 12:16:06	13.54	40.25	25.73	8.14	8.06	10.6	2.604	91.8	3.0	0.7
399	3/26/2016 12:31:06	13.48	40.65	26.00	8.17	8.07	9.5	2.686	92.1	2.7	0.6
400	3/26/2016 12:46:06	13.40	41.02	26.27	8.23	8.07	12.8	2.753	92.7	3.3	0.8
401	3/26/2016 13:01:06	13.36	41.38	26.52	8.19	8.07	11.2	2.824	92.4	2.6	0.6
402	3/26/2016 13:16:06	13.31	41.67	26.72	8.19	8.07	11.5	2.914	92.4	2.8	0.7
403	3/26/2016 13:31:06	13.25	41.94	26.91	8.21	8.08	10.8	2.974	92.6	2.9	0.7
404	3/26/2016 13:46:06	13.17	42.36	27.21	8.20	8.08	13.8	3.037	92.5	3.0	0.7
405	3/26/2016 14:01:06	13.06	42.88	27.57	8.20	8.08	17.0	3.107	92.5	3.1	0.7
406	3/26/2016 14:16:06	13.14	42.93	27.61	8.14	8.08	10.3	3.157	92.0	2.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
407	3/26/2016 14:31:06	13.06	43.23	27.82	8.23	8.08	8.1	3.200	93.0	2.5	0.6
408	3/26/2016 14:46:05	12.93	43.69	28.15	8.19	8.08	8.1	3.227	92.5	2.2	0.5
409	3/26/2016 15:01:06	12.88	43.95	28.33	8.14	8.08	9.1	3.247	92.0	2.4	0.6
410	3/26/2016 15:16:06	12.81	44.30	28.58	8.05	8.08	9.9	3.248	90.9	2.3	0.5
411	3/26/2016 15:31:05	12.86	44.01	28.37	8.10	8.08	8.7	3.218	91.5	2.4	0.6
412	3/26/2016 15:46:06	13.16	42.78	27.50	8.22	8.09	10.3	3.184	92.9	2.3	0.6
413	3/26/2016 16:01:06	13.65	41.13	26.35	8.33	8.09	7.9	3.132	94.4	2.6	0.6
414	3/26/2016 16:16:06	13.44	41.85	26.85	8.28	8.09	8.9	3.064	93.8	2.8	0.7
415	3/26/2016 16:31:06	13.47	41.67	26.73	8.24	8.09	12.3	2.997	93.3	3.1	0.7
416	3/26/2016 16:46:06	13.51	41.34	26.49	8.30	8.08	14.0	2.909	93.9	3.1	0.7
417	3/26/2016 17:01:06	13.74	40.76	26.09	8.33	8.09	8.6	2.833	94.4	3.0	0.7
418	3/26/2016 17:16:06	13.82	40.54	25.93	8.40	8.10	7.6	2.742	95.3	2.9	0.7
419	3/26/2016 17:31:06	13.83	40.44	25.86	8.39	8.10	7.9	2.671	95.2	3.6	0.9
420	3/26/2016 17:46:06	13.82	40.38	25.82	8.42	8.09	7.3	2.580	95.5	4.2	1.0
421	3/26/2016 18:01:06	13.90	39.69	25.34	8.47	8.09	7.6	2.495	96.0	3.7	0.9
422	3/26/2016 18:16:05	13.89	39.80	25.41	8.41	8.09	8.7	2.419	95.2	3.7	0.9
423	3/26/2016 18:31:06	13.99	38.97	24.83	8.40	8.08	7.5	2.338	95.0	3.0	0.7
424	3/26/2016 18:46:06	14.02	38.63	24.59	8.39	8.08	7.5	2.264	94.8	3.4	0.8
425	3/26/2016 19:01:06	14.03	39.09	24.92	8.43	8.08	7.1	2.194	95.5	3.6	0.9
426	3/26/2016 19:16:06	14.08	38.58	24.56	8.45	8.08	6.8	2.123	95.6	4.0	0.9
427	3/26/2016 19:31:06	14.11	38.36	24.41	8.39	8.08	6.7	2.062	94.8	4.0	0.9
428	3/26/2016 19:46:06	14.13	38.21	24.30	8.42	8.08	6.2	2.023	95.3	4.2	1.0
429	3/26/2016 20:01:06	14.14	38.13	24.24	8.36	8.07	5.7	2.005	94.5	4.1	1.0
430	3/26/2016 20:16:06	14.13	38.17	24.27	8.31	8.07	5.4	1.982	93.9	4.6	1.1
431	3/26/2016 20:31:06	14.12	38.09	24.22	8.35	8.07	6.4	1.979	94.3	5.0	1.2
432	3/26/2016 20:46:06	14.15	38.00	24.15	8.38	8.07	5.8	2.013	94.7	4.2	1.0
433	3/26/2016 21:01:06	14.08	38.28	24.35	8.37	8.07	6.3	2.046	94.6	4.3	1.0
434	3/26/2016 21:16:06	14.03	38.48	24.48	8.31	8.07	9.2	2.089	93.9	4.2	1.0
435	3/26/2016 21:31:06	14.02	38.52	24.52	8.38	8.07	7.0	2.154	94.7	3.8	0.9
436	3/26/2016 21:46:06	14.08	37.87	24.06	8.41	8.07	6.7	2.224	94.8	4.0	0.9
437	3/26/2016 22:01:06	14.01	38.33	24.38	8.32	8.07	6.9	2.281	93.9	4.0	1.0
438	3/26/2016 22:16:06	13.95	38.71	24.65	8.30	8.07	7.9	2.357	93.7	3.8	0.9
439	3/26/2016 22:31:06	13.95	38.86	24.75	8.34	8.07	6.8	2.435	94.2	3.5	0.8
440	3/26/2016 22:46:06	13.85	39.59	25.26	8.31	8.07	6.3	2.501	93.9	3.6	0.8
441	3/26/2016 23:01:06	13.83	39.60	25.27	8.32	8.07	6.5	2.575	94.0	3.6	0.9
442	3/26/2016 23:16:06	13.71	40.19	25.68	8.36	8.08	6.7	2.647	94.5	3.7	0.9
443	3/26/2016 23:31:06	13.65	40.46	25.87	8.37	8.08	7.2	2.724	94.6	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
444	3/26/2016 23:46:06	13.61	40.60	25.97	8.37	8.08	7.3	2.797	94.6	2.8	0.7
445	3/27/2016 00:01:06	13.58	40.78	26.10	8.32	8.08	7.2	2.867	94.1	4.1	1.0
446	3/27/2016 00:16:06	13.49	41.06	26.29	8.37	8.08	8.7	2.947	94.6	3.5	0.8
447	3/27/2016 00:31:06	13.38	41.58	26.66	8.35	8.08	6.4	3.019	94.3	3.1	0.7
448	3/27/2016 00:46:06	13.28	42.24	27.13	8.30	8.08	6.5	3.096	93.8	2.5	0.6
449	3/27/2016 01:01:05	13.15	42.44	27.26	8.30	8.08	5.8	3.162	93.7	3.0	0.7
450	3/27/2016 01:16:06	13.00	43.38	27.93	8.20	8.08	6.2	3.237	92.6	3.4	0.8
451	3/27/2016 01:31:06	12.84	44.46	28.69	8.08	8.08	7.7	3.306	91.3	2.9	0.7
452	3/27/2016 01:46:06	12.79	44.67	28.84	8.02	8.08	7.2	3.359	90.7	2.7	0.6
453	3/27/2016 02:01:06	12.74	44.95	29.04	8.08	8.08	8.9	3.413	91.4	2.8	0.7
454	3/27/2016 02:16:06	12.68	45.30	29.29	8.09	8.08	8.3	3.453	91.5	2.6	0.6
455	3/27/2016 02:31:06	12.62	45.63	29.53	8.00	8.09	7.6	3.484	90.6	2.6	0.6
456	3/27/2016 02:46:06	12.62	45.64	29.53	7.95	8.09	7.3	3.500	90.0	2.5	0.6
457	3/27/2016 03:01:06	12.64	45.54	29.46	7.90	8.08	5.8	3.494	89.4	2.4	0.6
458	3/27/2016 03:16:06	12.67	45.26	29.26	7.93	8.08	6.5	3.479	89.7	2.3	0.5
459	3/27/2016 03:31:06	12.77	44.76	28.91	8.00	8.08	6.7	3.433	90.4	2.7	0.6
460	3/27/2016 03:46:05	13.00	43.26	27.84	8.01	8.08	7.6	3.377	90.4	2.9	0.7
461	3/27/2016 04:01:05	13.05	42.61	27.38	8.10	8.08	11.6	3.310	91.3	3.0	0.7
462	3/27/2016 04:16:06	13.12	42.03	26.97	8.20	8.08	6.6	3.223	92.4	3.2	0.8
463	3/27/2016 04:31:06	13.18	41.86	26.86	8.13	8.08	7.0	3.132	91.6	2.3	0.6
464	3/27/2016 04:46:06	13.24	41.68	26.73	8.15	8.07	7.7	3.032	91.8	2.8	0.7
465	3/27/2016 05:01:06	13.23	41.63	26.69	8.10	8.07	8.2	2.940	91.3	3.1	0.7
466	3/27/2016 05:16:06	13.26	41.38	26.51	8.10	8.07	7.2	2.852	91.1	2.9	0.7
467	3/27/2016 05:31:06	13.30	40.97	26.22	8.10	8.07	8.6	2.740	91.1	3.1	0.7
468	3/27/2016 05:46:06	13.36	40.64	26.00	8.11	8.06	7.9	2.641	91.2	3.6	0.8
469	3/27/2016 06:01:06	13.43	40.21	25.69	8.11	8.06	7.5	2.545	91.1	3.1	0.7
470	3/27/2016 06:16:06	13.46	39.88	25.46	8.15	8.06	8.1	2.434	91.5	3.2	0.8
471	3/27/2016 06:31:06	13.45	39.66	25.31	8.14	8.05	8.3	2.323	91.3	3.1	0.7
472	3/27/2016 06:46:06	13.40	39.66	25.31	8.13	8.05	8.1	2.213	91.1	3.4	0.8
473	3/27/2016 07:01:06	13.58	38.83	24.72	8.12	8.05	8.6	2.109	91.0	3.6	0.8
474	3/27/2016 07:16:06	13.44	39.01	24.84	8.10	8.04	8.7	1.989	90.5	3.0	0.7
475	3/27/2016 07:31:06	13.60	38.44	24.45	8.08	8.04	8.6	1.879	90.4	3.7	0.9
476	3/27/2016 07:46:06	13.62	38.21	24.29	8.06	8.03	8.8	1.793	90.1	2.9	0.7
477	3/27/2016 08:01:06	13.64	38.03	24.16	7.98	8.03	8.8	1.719	89.2	3.0	0.7
478	3/27/2016 08:16:06	13.65	37.87	24.05	7.99	8.02	8.6	1.646	89.3	3.3	0.8
479	3/27/2016 08:31:06	13.63	37.90	24.08	7.99	8.02	8.1	1.600	89.3	3.3	0.8
480	3/27/2016 08:46:06	13.67	38.26	24.32	7.90	8.02	6.6	1.574	88.4	3.6	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	3/27/2016 09:01:06	13.72	37.80	24.01	7.99	8.02	7.3	1.570	89.4	3.4	0.8
482	3/27/2016 09:16:06	13.71	37.89	24.07	8.02	8.03	7.3	1.579	89.7	3.0	0.7
483	3/27/2016 09:31:06	13.69	38.03	24.17	7.97	8.03	7.8	1.611	89.3	2.9	0.7
484	3/27/2016 09:46:06	13.68	38.35	24.39	7.97	8.03	7.7	1.655	89.3	3.2	0.8
485	3/27/2016 10:01:06	13.65	38.51	24.50	7.92	8.03	7.7	1.702	88.8	3.4	0.8
486	3/27/2016 10:16:06	13.69	37.82	24.02	7.99	8.03	8.1	1.776	89.4	3.1	0.7
487	3/27/2016 10:31:06	13.67	37.79	24.00	8.04	8.02	8.5	1.842	89.8	4.0	0.9
488	3/27/2016 10:46:06	13.66	37.97	24.12	8.03	8.02	8.0	1.912	89.8	3.4	0.8
489	3/27/2016 11:01:06	13.66	38.30	24.35	7.96	8.03	7.3	1.988	89.2	3.4	0.8
490	3/27/2016 11:16:06	13.62	38.43	24.44	8.03	8.03	7.3	2.057	89.9	3.0	0.7
491	3/27/2016 11:31:06	13.54	39.16	24.95	8.01	8.04	7.5	2.132	89.8	2.8	0.7
492	3/27/2016 11:46:06	13.47	39.73	25.36	7.99	8.04	6.9	2.208	89.7	2.6	0.6
493	3/27/2016 12:01:06	13.43	40.08	25.60	8.02	8.05	8.1	2.286	90.1	2.9	0.7
494	3/27/2016 12:16:06	13.39	40.41	25.83	8.04	8.05	7.6	2.366	90.4	3.5	0.8
495	3/27/2016 12:31:06	13.36	40.71	26.04	8.07	8.05	8.0	2.445	90.8	3.4	0.8
496	3/27/2016 12:46:06	13.33	40.87	26.16	8.05	8.06	8.1	2.513	90.5	3.0	0.7
497	3/27/2016 13:01:06	13.32	41.04	26.28	8.11	8.06	6.7	2.587	91.3	3.0	0.7
498	3/27/2016 13:16:06	13.27	41.42	26.54	8.10	8.06	6.9	2.660	91.2	2.7	0.6
499	3/27/2016 13:31:06	13.29	41.43	26.55	8.11	8.06	6.5	2.726	91.4	2.7	0.6
500	3/27/2016 13:46:06	13.31	41.46	26.58	8.09	8.07	6.3	2.790	91.2	2.5	0.6
501	3/27/2016 14:01:06	13.28	41.77	26.79	8.08	8.07	5.9	2.852	91.2	2.9	0.7
502	3/27/2016 14:16:06	13.21	42.15	27.06	8.02	8.07	6.1	2.908	90.5	2.1	0.5
503	3/27/2016 14:31:06	13.15	42.39	27.23	8.04	8.07	6.8	2.967	90.7	2.4	0.6
504	3/27/2016 14:46:06	13.14	42.49	27.30	8.03	8.07	5.9	3.013	90.6	2.9	0.7
505	3/27/2016 15:01:06	13.10	42.70	27.45	8.07	8.07	5.9	3.049	91.1	2.3	0.5
506	3/27/2016 15:16:06	13.17	42.59	27.37	8.07	8.07	5.6	3.089	91.1	2.6	0.6
507	3/27/2016 15:31:06	13.10	42.82	27.54	8.01	8.07	5.9	3.114	90.5	2.9	0.7
508	3/27/2016 15:46:06	13.08	42.93	27.61	7.94	8.06	4.2	3.123	89.6	2.5	0.6
509	3/27/2016 16:01:06	13.32	42.35	27.21	8.12	8.07	7.2	3.114	91.9	2.9	0.7
510	3/27/2016 16:16:06	13.10	42.74	27.47	8.02	8.06	7.3	3.096	90.5	2.5	0.6
511	3/27/2016 16:31:06	13.40	42.52	27.33	8.17	8.08	15.8	3.058	92.7	2.9	0.7
512	3/27/2016 16:46:06	13.59	42.47	27.30	8.37	8.09	20.9	3.010	95.4	3.6	0.9
513	3/27/2016 17:01:06	13.61	42.19	27.10	8.34	8.09	16.4	2.946	94.9	3.7	0.9
514	3/27/2016 17:16:06	13.64	42.37	27.22	8.44	8.10	17.7	2.886	96.2	3.8	0.9
515	3/27/2016 17:31:06	13.85	41.70	26.76	8.48	8.11	18.0	2.822	96.7	3.9	0.9
516	3/27/2016 17:46:06	13.79	41.55	26.65	8.49	8.11	19.5	2.736	96.8	4.5	1.1
517	3/27/2016 18:01:06	13.84	41.15	26.37	8.48	8.10	24.1	2.668	96.6	4.1	1.0

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
518	3/27/2016 18:16:06	13.88	40.60	25.98	8.48	8.11	18.7	2.587	96.4	3.7	0.9
519	3/27/2016 18:31:06	13.93	39.76	25.39	8.53	8.10	19.8	2.515	96.6	3.4	0.8
520	3/27/2016 18:46:06	13.97	39.35	25.10	8.44	8.09	19.6	2.450	95.6	4.3	1.0
521	3/27/2016 19:01:06	13.86	39.85	25.45	8.48	8.10	21.4	2.356	96.0	4.0	0.9
522	3/27/2016 19:16:06	13.90	39.63	25.29	8.50	8.10	21.6	2.306	96.2	4.2	1.0
523	3/27/2016 19:31:06	14.13	38.69	24.63	8.46	8.09	25.8	2.248	95.9	4.6	1.1
524	3/27/2016 19:46:06	13.94	39.09	24.91	8.48	8.10	26.3	2.184	95.8	5.0	1.2
525	3/27/2016 20:01:06	13.89	39.06	24.89	8.41	8.10	27.1	2.149	95.0	4.7	1.1
526	3/27/2016 20:16:06	14.04	38.72	24.66	8.39	8.09	20.6	2.119	94.9	4.8	1.1
527	3/27/2016 20:31:06	13.99	38.87	24.76	8.23	8.08	12.7	2.094	93.0	5.0	1.2
528	3/27/2016 20:46:06	14.02	39.01	24.86	8.36	8.08	16.2	2.087	94.6	4.5	1.1
529	3/27/2016 21:01:06	14.01	38.72	24.65	8.41	8.08	16.5	2.102	95.1	4.5	1.1
530	3/27/2016 21:16:06	14.16	38.21	24.30	8.43	8.09	20.4	2.116	95.4	4.8	1.1
531	3/27/2016 21:31:06	14.07	38.42	24.45	8.33	8.08	19.1	2.134	94.2	5.1	1.2
532	3/27/2016 21:46:06	14.05	38.84	24.74	8.36	8.08	14.0	2.177	94.6	4.2	1.0
533	3/27/2016 22:01:06	14.05	38.81	24.72	8.38	8.07	15.5	2.230	94.8	4.0	0.9
534	3/27/2016 22:16:06	13.98	38.63	24.59	8.40	8.08	16.9	2.273	94.8	4.4	1.0
535	3/27/2016 22:31:06	13.99	38.64	24.60	8.33	8.07	15.3	2.326	94.0	4.5	1.1
536	3/27/2016 22:46:06	14.02	38.59	24.56	8.39	8.08	14.7	2.387	94.8	4.6	1.1
537	3/27/2016 23:01:06	13.87	40.01	25.56	8.26	8.07	13.6	2.451	93.6	4.1	1.0
538	3/27/2016 23:16:06	13.77	40.58	25.96	8.28	8.08	11.4	2.513	93.8	3.5	0.8
539	3/27/2016 23:31:06	13.68	40.92	26.20	8.27	8.08	10.6	2.576	93.7	3.6	0.8
540	3/27/2016 23:46:06	13.51	41.75	26.78	8.21	8.08	11.3	2.640	93.1	3.2	0.8
541	3/28/2016 00:01:06	13.43	41.99	26.95	8.24	8.08	10.6	2.706	93.3	3.4	0.8
542	3/28/2016 00:16:06	13.33	42.39	27.23	8.14	8.08	9.4	2.770	92.2	3.1	0.7
543	3/28/2016 00:31:06	13.25	42.63	27.40	8.19	8.08	10.3	2.851	92.7	2.8	0.7
544	3/28/2016 00:46:06	13.10	43.37	27.93	8.08	8.08	10.8	2.906	91.5	3.0	0.7
545	3/28/2016 01:01:06	13.07	43.38	27.93	8.05	8.08	7.9	2.977	91.0	2.7	0.6
546	3/28/2016 01:16:06	13.00	43.56	28.06	8.06	8.08	8.7	3.049	91.1	3.1	0.7
547	3/28/2016 01:31:06	12.91	43.93	28.32	7.95	8.08	7.6	3.112	89.9	3.0	0.7
548	3/28/2016 01:46:06	12.86	44.08	28.42	7.98	8.08	7.3	3.185	90.2	3.0	0.7
549	3/28/2016 02:01:06	12.72	44.72	28.87	7.91	8.07	7.5	3.240	89.3	2.7	0.6
550	3/28/2016 02:16:06	12.62	45.10	29.15	7.85	8.07	6.8	3.293	88.7	2.3	0.5
551	3/28/2016 02:31:06	12.56	45.15	29.18	7.81	8.07	7.5	3.344	88.1	2.7	0.6
552	3/28/2016 02:46:06	12.49	45.53	29.45	7.74	8.07	6.4	3.384	87.3	2.8	0.7
553	3/28/2016 03:01:06	12.48	45.63	29.52	7.68	8.07	6.2	3.410	86.7	2.7	0.6
554	3/28/2016 03:16:06	12.56	44.94	29.03	7.79	8.07	8.4	3.413	87.8	2.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Match 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
555	3/28/2016 03:31:06	12.58	43.42	27.94	7.99	8.08	9.2	3.419	89.5	2.9	0.7
556	3/28/2016 03:46:05	12.49	45.70	29.57	7.61	8.06	8.1	3.387	86.0	2.3	0.5
557	3/28/2016 04:01:06	12.81	41.60	26.66	8.16	8.08	9.9	3.355	91.1	3.1	0.7
558	3/28/2016 04:16:06	12.76	42.24	27.11	8.03	8.08	9.1	3.318	89.7	3.2	0.8
559	3/28/2016 04:31:06	12.82	41.54	26.62	8.06	8.08	9.6	3.256	89.9	3.1	0.7
560	3/28/2016 04:46:05	12.82	41.60	26.66	8.17	8.08	11.6	3.166	91.2	3.1	0.7
561	3/28/2016 05:01:06	12.64	42.45	27.25	8.22	8.08	9.5	3.084	91.7	2.8	0.7
562	3/28/2016 05:16:06	12.80	41.89	26.87	8.18	8.08	11.2	3.008	91.4	3.5	0.8
563	3/28/2016 05:31:06	12.84	41.65	26.69	8.19	8.08	9.9	2.918	91.5	2.8	0.7
564	3/28/2016 05:46:06	12.88	41.49	26.58	8.13	8.08	9.1	2.828	90.8	3.5	0.8
565	3/28/2016 06:01:05	12.89	41.53	26.61	8.09	8.07	10.6	2.739	90.4	3.3	0.8
566	3/28/2016 06:16:06	12.78	41.93	26.89	8.08	8.08	8.1	2.640	90.2	2.4	0.6
567	3/28/2016 06:31:06	12.99	40.71	26.04	8.16	8.07	10.9	2.535	91.0	3.5	0.8
568	3/28/2016 06:46:06	12.78	41.10	26.30	8.10	8.07	8.9	2.436	90.2	3.4	0.8
569	3/28/2016 07:01:06	12.94	40.26	25.71	8.12	8.07	11.1	2.330	90.3	2.9	0.7
570	3/28/2016 07:16:06	12.83	40.23	25.69	8.08	8.06	10.2	2.237	89.6	3.0	0.7
571	3/28/2016 07:31:06	12.78	39.93	25.48	8.09	8.06	11.4	2.125	89.6	3.0	0.7
572	3/28/2016 07:46:07	12.73	39.89	25.45	8.05	8.06	11.3	2.022	89.0	3.4	0.8
573	3/28/2016 08:01:06	12.72	39.75	25.35	8.04	8.06	11.4	1.934	88.9	3.3	0.8
574	3/28/2016 08:16:06	12.79	39.19	24.96	8.05	8.05	12.1	1.831	88.9	3.2	0.8
575	3/28/2016 08:31:06	12.83	39.03	24.84	8.10	8.05	12.5	1.742	89.4	3.4	0.8
576	3/28/2016 08:46:06	12.86	38.69	24.61	8.06	8.05	13.3	1.679	88.9	3.6	0.8
577	3/28/2016 09:01:06	12.85	38.56	24.51	8.12	8.05	13.6	1.620	89.5	3.4	0.8
578	3/28/2016 09:16:06	12.88	38.15	24.23	8.15	8.04	17.0	1.580	89.7	4.1	1.0
579	3/28/2016 09:31:06	13.02	39.14	24.93	7.91	8.04	9.0	1.544	87.7	3.4	0.8
580	3/28/2016 09:46:06	12.97	38.87	24.73	8.03	8.05	11.4	1.577	88.8	3.5	0.8
581	3/28/2016 10:01:06	13.03	38.42	24.42	8.11	8.04	11.9	1.580	89.7	3.5	0.8
582	3/28/2016 10:16:06	13.02	38.63	24.57	8.10	8.05	11.9	1.591	89.6	3.9	0.9
583	3/28/2016 10:31:06	13.08	39.55	25.22	7.94	8.05	10.7	1.646	88.3	3.2	0.8
584	3/28/2016 10:46:06	13.11	39.31	25.05	7.99	8.04	10.7	1.693	88.8	3.3	0.8
585	3/28/2016 11:01:06	13.16	39.05	24.87	8.04	8.05	11.5	1.747	89.4	3.5	0.8
586	3/28/2016 11:16:06	13.16	38.90	24.76	8.00	8.04	11.0	1.803	88.9	3.1	0.7
587	3/28/2016 11:31:06	13.16	39.00	24.83	7.97	8.04	11.5	1.867	88.6	3.2	0.8
588	3/28/2016 11:46:05	13.17	39.14	24.93	7.94	8.04	10.6	1.930	88.4	3.5	0.8
589	3/28/2016 12:01:06	13.07	39.97	25.52	7.95	8.05	9.7	1.997	88.6	3.6	0.9
590	3/28/2016 12:16:06	13.01	40.44	25.84	7.96	8.05	9.7	2.065	88.8	2.5	0.6
591	3/28/2016 12:31:06	12.97	40.80	26.10	7.98	8.05	10.0	2.132	89.1	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
592	3/28/2016 12:46:06	12.91	41.32	26.47	7.94	8.06	9.4	2.210	88.7	2.8	0.7
593	3/28/2016 13:01:06	12.89	41.54	26.61	7.96	8.06	9.2	2.280	89.0	3.2	0.8
594	3/28/2016 13:16:06	12.88	41.46	26.56	8.00	8.07	8.9	2.351	89.3	3.2	0.8
595	3/28/2016 13:31:06	12.85	41.78	26.78	8.04	8.07	8.3	2.429	89.8	2.5	0.6
596	3/28/2016 13:46:05	12.85	41.80	26.80	7.98	8.06	8.1	2.486	89.2	2.2	0.5
597	3/28/2016 14:01:06	12.85	41.97	26.92	7.97	8.07	7.9	2.548	89.2	2.7	0.6
598	3/28/2016 14:16:06	12.87	42.06	26.99	8.03	8.07	8.1	2.618	89.9	2.7	0.6
599	3/28/2016 14:31:06	12.88	42.24	27.11	8.06	8.07	7.9	2.671	90.4	2.9	0.7
600	3/28/2016 14:46:06	12.88	42.30	27.15	8.00	8.07	7.8	2.728	89.6	2.8	0.7
601	3/28/2016 15:01:06	12.90	42.30	27.16	8.06	8.07	7.4	2.771	90.5	2.1	0.5
602	3/28/2016 15:16:06	12.94	42.30	27.16	8.09	8.07	7.9	2.827	90.8	2.8	0.7
603	3/28/2016 15:31:06	12.96	42.24	27.12	8.10	8.07	7.9	2.856	91.0	2.6	0.6
604	3/28/2016 15:46:06	12.81	42.69	27.43	7.96	8.06	5.9	2.891	89.3	2.7	0.6
605	3/28/2016 16:01:06	12.80	42.74	27.46	7.90	8.07	6.2	2.917	88.6	2.6	0.6
606	3/28/2016 16:16:06	12.79	42.84	27.54	7.78	8.06	5.6	2.933	87.3	2.8	0.7
607	3/28/2016 16:31:06	12.99	42.56	27.35	7.98	8.07	9.4	2.941	89.8	3.0	0.7
608	3/28/2016 16:46:06	13.00	42.42	27.24	8.06	8.07	20.5	2.927	90.7	3.5	0.8
609	3/28/2016 17:01:07	12.89	42.77	27.49	8.01	8.07	14.7	2.917	90.0	2.6	0.6
610	3/28/2016 17:16:06	13.08	42.64	27.41	8.31	8.08	26.9	2.898	93.8	4.3	1.0
611	3/28/2016 17:31:05	13.01	42.93	27.61	8.37	8.09	30.0	2.871	94.4	3.9	0.9
612	3/28/2016 17:46:06	12.94	43.01	27.67	8.40	8.09	32.8	2.830	94.6	4.0	1.0
613	3/28/2016 18:01:06	12.89	43.06	27.70	8.40	8.09	34.1	2.791	94.5	4.4	1.0
614	3/28/2016 18:16:06	12.96	42.72	27.45	8.34	8.09	39.5	2.735	93.8	3.9	0.9
615	3/28/2016 18:31:06	12.96	42.50	27.30	8.33	8.08	46.3	2.684	93.6	4.4	1.0
616	3/28/2016 18:46:06	12.96	42.03	26.97	8.42	8.08	53.7	2.623	94.5	4.7	1.1
617	3/28/2016 19:01:06	12.87	42.17	27.06	8.45	8.09	52.3	2.559	94.7	5.0	1.2
618	3/28/2016 19:16:06	12.74	42.15	27.04	8.40	8.09	55.4	2.511	93.9	5.0	1.2
619	3/28/2016 19:31:06	12.94	41.26	26.42	8.36	8.08	58.2	2.450	93.4	5.1	1.2
620	3/28/2016 19:46:06	12.94	41.03	26.26	8.40	8.08	64.6	2.406	93.8	5.3	1.3
621	3/28/2016 20:01:05	12.76	41.20	26.37	8.43	8.08	65.9	2.351	93.8	5.9	1.4
622	3/28/2016 20:16:06	12.83	40.85	26.13	8.42	8.08	64.3	2.304	93.7	5.5	1.3
623	3/28/2016 20:31:06	12.40	41.32	26.45	8.49	8.08	68.4	2.258	93.8	5.3	1.2
624	3/28/2016 20:46:06	12.44	40.95	26.19	8.43	8.08	69.4	2.223	93.1	6.2	1.5
625	3/28/2016 21:01:06	12.54	40.73	26.03	8.44	8.07	61.8	2.191	93.3	5.3	1.3
626	3/28/2016 21:16:06	12.62	40.47	25.86	8.41	8.07	49.1	2.174	93.1	5.2	1.2
627	3/28/2016 21:31:06	12.80	40.33	25.76	8.30	8.07	39.3	2.141	92.1	5.5	1.3
628	3/28/2016 21:46:06	13.21	40.07	25.59	8.27	8.06	45.7	2.141	92.4	4.9	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	3/28/2016 22:01:06	13.22	40.00	25.54	8.28	8.07	37.1	2.167	92.5	4.8	1.1
630	3/28/2016 22:16:06	13.23	39.92	25.48	8.33	8.07	38.7	2.165	93.1	4.8	1.1
631	3/28/2016 22:31:06	13.31	39.66	25.30	8.30	8.06	45.5	2.194	92.8	5.1	1.2
632	3/28/2016 22:46:05	13.26	39.76	25.37	8.26	8.06	38.8	2.227	92.3	5.4	1.3
633	3/28/2016 23:01:06	13.25	39.89	25.46	8.29	8.06	36.5	2.275	92.7	5.4	1.3
634	3/28/2016 23:16:06	13.22	39.80	25.40	8.26	8.06	40.7	2.339	92.3	4.9	1.2
635	3/28/2016 23:31:06	13.23	39.88	25.46	8.26	8.06	36.0	2.376	92.3	4.8	1.1
636	3/28/2016 23:46:06	13.12	40.96	26.21	8.21	8.06	39.7	2.425	91.9	4.6	1.1
637	3/29/2016 00:01:06	12.96	41.89	26.87	8.10	8.06	25.5	2.486	90.8	3.8	0.9
638	3/29/2016 00:16:06	12.88	42.36	27.20	8.13	8.06	25.3	2.551	91.2	4.2	1.0
639	3/29/2016 00:31:06	12.82	42.71	27.45	8.07	8.06	22.9	2.611	90.6	4.1	1.0
640	3/29/2016 00:46:05	12.67	43.39	27.92	8.03	8.06	21.7	2.674	90.1	3.4	0.8
641	3/29/2016 01:01:06	12.53	44.03	28.38	7.99	8.06	15.9	2.734	89.6	3.0	0.7
642	3/29/2016 01:16:06	12.32	44.99	29.05	7.85	8.05	14.1	2.797	88.0	2.6	0.6
643	3/29/2016 01:31:06	12.36	44.78	28.90	7.89	8.05	16.2	2.858	88.4	3.5	0.8
644	3/29/2016 01:46:06	12.43	44.31	28.57	7.96	8.06	13.9	2.910	89.2	2.8	0.7
645	3/29/2016 02:01:06	12.29	44.90	28.99	7.77	8.05	13.1	2.973	87.0	2.6	0.6
646	3/29/2016 02:16:06	12.27	44.86	28.96	7.84	8.05	11.7	3.039	87.8	2.6	0.6
647	3/29/2016 02:31:06	12.18	45.21	29.21	7.78	8.05	11.1	3.079	87.1	2.5	0.6
648	3/29/2016 02:46:06	12.14	45.38	29.33	7.74	8.05	10.6	3.132	86.7	2.7	0.6
649	3/29/2016 03:01:06	12.09	45.57	29.46	7.68	8.04	9.9	3.182	85.9	2.3	0.5
650	3/29/2016 03:16:06	12.04	45.66	29.53	7.68	8.04	9.4	3.216	85.8	2.7	0.6
651	3/29/2016 03:31:06	12.03	45.51	29.42	7.75	8.05	9.2	3.237	86.6	2.6	0.6
652	3/29/2016 03:46:06	12.07	45.25	29.23	7.86	8.05	8.5	3.255	87.8	2.6	0.6
653	3/29/2016 04:01:06	12.17	45.24	29.23	7.68	8.04	7.8	3.260	85.9	1.9	0.5
654	3/29/2016 04:16:06	12.21	45.36	29.31	7.60	8.04	7.5	3.247	85.2	2.5	0.6
655	3/29/2016 04:31:06	12.08	45.94	29.72	7.47	8.03	10.5	3.218	83.7	2.6	0.6
656	3/29/2016 04:46:06	12.14	44.32	28.57	7.83	8.05	14.1	3.191	87.2	2.5	0.6
657	3/29/2016 05:01:05	12.15	44.05	28.38	7.77	8.05	12.6	3.148	86.4	2.5	0.6
658	3/29/2016 05:16:06	12.18	42.91	27.57	7.90	8.05	14.4	3.083	87.5	2.9	0.7
659	3/29/2016 05:31:05	12.16	43.00	27.63	7.92	8.05	16.6	3.021	87.7	3.1	0.7
660	3/29/2016 05:46:06	12.15	44.29	28.55	7.85	8.05	16.1	2.965	87.4	3.1	0.7
661	3/29/2016 06:01:06	12.21	43.99	28.34	7.85	8.05	18.9	2.878	87.5	3.4	0.8
662	3/29/2016 06:16:06	12.23	42.70	27.42	7.94	8.05	20.0	2.785	87.9	3.0	0.7
663	3/29/2016 06:31:05	12.38	43.22	27.80	7.88	8.05	22.0	2.720	87.8	3.2	0.8
664	3/29/2016 06:46:06	12.20	41.90	26.85	8.08	8.06	17.7	2.622	89.2	3.3	0.8
665	3/29/2016 07:01:06	12.25	42.13	27.02	8.01	8.06	17.3	2.540	88.5	3.2	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	3/29/2016 07:16:06	12.29	41.93	26.88	8.04	8.05	20.9	2.447	88.9	3.1	0.7
667	3/29/2016 07:31:06	12.23	42.08	26.98	7.98	8.05	17.7	2.341	88.1	3.7	0.9
668	3/29/2016 07:46:07	12.11	41.83	26.80	8.05	8.05	16.7	2.255	88.6	3.6	0.9
669	3/29/2016 08:01:06	12.11	41.41	26.50	8.01	8.05	17.6	2.147	88.0	3.3	0.8
670	3/29/2016 08:16:06	12.12	41.39	26.49	8.05	8.05	17.8	2.043	88.5	3.0	0.7
671	3/29/2016 08:31:06	12.13	41.47	26.54	8.08	8.05	18.8	1.942	88.8	3.5	0.8
672	3/29/2016 08:46:06	12.09	41.27	26.40	8.05	8.05	18.8	1.870	88.4	3.1	0.7
673	3/29/2016 09:01:06	12.08	41.07	26.26	8.15	8.05	18.1	1.780	89.3	3.4	0.8
674	3/29/2016 09:16:06	12.11	40.80	26.07	8.17	8.05	17.9	1.708	89.6	3.3	0.8
675	3/29/2016 09:31:06	12.14	40.59	25.92	8.14	8.05	17.7	1.654	89.2	3.2	0.8
676	3/29/2016 09:46:06	12.20	40.54	25.89	8.08	8.04	17.3	1.602	88.6	3.8	0.9
677	3/29/2016 10:01:06	12.22	40.31	25.73	8.12	8.04	20.2	1.577	89.0	3.6	0.9
678	3/29/2016 10:16:06	12.25	40.83	26.10	8.05	8.04	15.6	1.564	88.5	3.1	0.7
679	3/29/2016 10:31:06	12.30	40.69	26.00	8.11	8.05	15.6	1.554	89.2	3.6	0.9
680	3/29/2016 10:46:06	12.31	40.38	25.78	8.15	8.04	16.3	1.572	89.6	3.7	0.9
681	3/29/2016 11:01:06	12.34	40.74	26.03	8.08	8.04	15.9	1.591	88.9	3.8	0.9
682	3/29/2016 11:16:06	12.32	41.39	26.50	7.94	8.04	14.7	1.627	87.6	3.1	0.7
683	3/29/2016 11:31:07	12.37	41.28	26.42	7.89	8.04	15.0	1.675	87.1	3.2	0.8
684	3/29/2016 11:46:06	12.39	41.17	26.34	7.93	8.04	14.1	1.723	87.5	3.6	0.9
685	3/29/2016 12:01:07	12.48	41.03	26.25	7.95	8.04	14.5	1.769	87.9	3.3	0.8
686	3/29/2016 12:16:06	12.39	41.13	26.31	7.91	8.04	13.9	1.825	87.3	3.7	0.9
687	3/29/2016 12:31:06	12.42	41.24	26.39	7.94	8.04	13.8	1.876	87.8	3.6	0.8
688	3/29/2016 12:46:06	12.39	41.45	26.54	7.84	8.04	13.3	1.930	86.7	3.1	0.7
689	3/29/2016 13:01:06	12.34	41.84	26.82	7.81	8.03	13.0	2.001	86.4	2.8	0.7
690	3/29/2016 13:16:07	12.30	42.34	27.17	7.83	8.04	13.9	2.058	86.7	2.9	0.7
691	3/29/2016 13:31:06	12.27	42.61	27.36	7.82	8.04	11.6	2.113	86.7	2.8	0.7
692	3/29/2016 13:46:06	12.27	42.67	27.40	7.88	8.04	11.2	2.188	87.4	2.5	0.6
693	3/29/2016 14:01:06	12.27	42.76	27.47	7.87	8.04	12.0	2.259	87.3	3.5	0.8
694	3/29/2016 14:16:06	12.22	42.99	27.63	7.86	8.05	10.4	2.322	87.2	2.8	0.7
695	3/29/2016 14:31:06	12.21	43.21	27.78	7.85	8.05	10.6	2.387	87.1	3.1	0.7
696	3/29/2016 14:46:05	12.26	43.05	27.67	7.88	8.05	10.1	2.453	87.5	2.9	0.7
697	3/29/2016 15:01:06	12.25	43.31	27.86	7.88	8.05	10.0	2.500	87.6	2.4	0.6
698	3/29/2016 15:16:06	12.28	43.39	27.91	7.89	8.05	9.9	2.549	87.8	2.8	0.7
699	3/29/2016 15:31:06	12.30	43.46	27.96	7.88	8.05	9.4	2.602	87.7	2.6	0.6
700	3/29/2016 15:46:06	12.37	43.38	27.91	7.95	8.05	8.9	2.648	88.6	2.6	0.6
701	3/29/2016 16:01:06	12.53	43.10	27.72	7.93	8.06	9.2	2.694	88.6	3.1	0.7
702	3/29/2016 16:16:06	12.49	43.38	27.91	7.86	8.05	9.0	2.734	87.8	2.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
703	3/29/2016 16:31:06	12.29	43.69	28.13	7.88	8.04	7.8	2.776	87.8	2.4	0.6
704	3/29/2016 16:46:06	12.23	43.90	28.27	7.78	8.04	8.3	2.809	86.6	2.8	0.7
705	3/29/2016 17:01:06	12.32	43.75	28.17	7.81	8.05	7.7	2.826	87.0	2.9	0.7
706	3/29/2016 17:16:06	12.21	43.98	28.33	7.70	8.03	6.8	2.847	85.7	2.6	0.6
707	3/29/2016 17:31:06	12.15	44.11	28.42	7.62	8.03	6.4	2.849	84.9	2.6	0.6
708	3/29/2016 17:46:06	12.25	43.90	28.27	7.66	8.03	7.0	2.854	85.4	3.3	0.8
709	3/29/2016 18:01:06	12.62	43.46	27.97	7.88	8.06	9.9	2.834	88.3	3.4	0.8
710	3/29/2016 18:16:06	12.59	43.36	27.90	7.99	8.05	13.4	2.801	89.4	3.3	0.8
711	3/29/2016 18:31:06	12.72	43.24	27.82	8.00	8.06	13.6	2.787	89.8	3.0	0.7
712	3/29/2016 18:46:06	12.85	43.07	27.70	8.16	8.07	15.6	2.752	91.7	3.4	0.8
713	3/29/2016 19:01:06	12.80	43.09	27.72	8.19	8.07	16.4	2.702	92.0	3.8	0.9
714	3/29/2016 19:16:06	12.71	43.16	27.76	8.24	8.06	13.9	2.645	92.4	3.3	0.8
715	3/29/2016 19:31:06	12.67	43.13	27.74	8.25	8.06	13.7	2.602	92.4	3.3	0.8
716	3/29/2016 19:46:06	12.70	42.95	27.61	8.18	8.06	13.7	2.560	91.6	3.9	0.9
717	3/29/2016 20:01:06	12.78	42.49	27.29	8.23	8.06	14.4	2.508	92.1	3.7	0.9
718	3/29/2016 20:16:06	12.65	42.95	27.61	8.18	8.06	12.8	2.453	91.5	2.9	0.7
719	3/29/2016 20:31:07	12.71	42.54	27.32	8.13	8.06	13.9	2.414	90.9	2.9	0.7
720	3/29/2016 20:46:06	12.80	42.14	27.04	8.13	8.05	14.5	2.385	90.9	4.1	1.0
721	3/29/2016 21:01:06	12.75	42.22	27.10	8.16	8.05	14.2	2.323	91.2	3.8	0.9
722	3/29/2016 21:16:06	12.85	41.92	26.88	8.14	8.05	14.4	2.303	91.1	3.8	0.9
723	3/29/2016 21:31:06	12.81	41.96	26.91	8.12	8.05	14.3	2.293	90.8	3.4	0.8
724	3/29/2016 21:46:06	12.82	41.86	26.84	8.07	8.05	13.7	2.266	90.1	3.5	0.8
725	3/29/2016 22:01:06	12.78	42.00	26.94	7.93	8.04	9.5	2.254	88.7	4.0	0.9
726	3/29/2016 22:16:07	12.81	42.02	26.95	8.07	8.05	11.2	2.256	90.3	3.7	0.9
727	3/29/2016 22:31:07	12.73	41.80	26.80	8.03	8.04	12.8	2.272	89.6	3.6	0.9
728	3/29/2016 22:46:06	12.75	41.71	26.74	8.09	8.05	12.4	2.276	90.3	3.3	0.8
729	3/29/2016 23:01:06	12.77	42.16	27.05	8.08	8.05	11.1	2.291	90.4	3.1	0.7
730	3/29/2016 23:16:06	12.73	42.26	27.12	8.05	8.05	10.0	2.316	90.0	2.8	0.7
731	3/29/2016 23:31:06	12.74	42.10	27.01	8.08	8.05	17.1	2.362	90.3	3.6	0.9
732	3/29/2016 23:46:06	12.72	42.32	27.17	8.07	8.05	11.2	2.389	90.2	3.5	0.8
733	3/30/2016 00:01:06	12.72	42.28	27.14	8.02	8.05	11.6	2.421	89.6	3.3	0.8
734	3/30/2016 00:16:06	12.58	43.08	27.70	8.00	8.04	11.1	2.469	89.5	3.3	0.8
735	3/30/2016 00:31:06	12.42	43.75	28.17	7.94	8.04	14.1	2.522	88.8	3.2	0.8
736	3/30/2016 00:46:06	12.37	43.95	28.31	7.98	8.04	11.5	2.567	89.2	3.5	0.8
737	3/30/2016 01:01:06	12.31	44.22	28.50	7.92	8.04	9.7	2.616	88.4	3.1	0.7
738	3/30/2016 01:16:07	12.14	44.88	28.97	7.88	8.03	8.8	2.670	88.0	3.1	0.7
739	3/30/2016 01:31:06	12.04	45.29	29.26	7.86	8.03	8.4	2.731	87.7	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
740	3/30/2016 01:46:06	11.99	45.52	29.42	7.89	8.03	8.5	2.780	88.1	3.0	0.7
741	3/30/2016 02:01:05	11.98	45.56	29.45	7.91	8.03	8.4	2.835	88.2	2.3	0.5
742	3/30/2016 02:16:05	11.85	46.04	29.79	7.88	8.03	8.3	2.902	87.9	2.3	0.5
743	3/30/2016 02:31:06	11.75	46.35	30.01	7.86	8.02	8.6	2.959	87.6	2.5	0.6
744	3/30/2016 02:46:06	11.76	46.21	29.91	7.86	8.02	9.2	3.009	87.5	2.8	0.7
745	3/30/2016 03:01:06	11.60	46.76	30.29	7.79	8.01	9.0	3.065	86.7	2.7	0.6
746	3/30/2016 03:16:05	11.59	46.83	30.35	7.69	8.01	8.0	3.106	85.6	2.5	0.6
747	3/30/2016 03:31:06	11.68	46.42	30.05	7.71	8.02	7.1	3.153	85.8	2.6	0.6
748	3/30/2016 03:46:06	11.44	47.18	30.59	7.74	8.01	7.5	3.196	86.0	2.0	0.5
749	3/30/2016 04:01:05	11.39	47.49	30.81	7.63	8.00	6.9	3.230	84.8	2.1	0.5
750	3/30/2016 04:16:06	11.53	47.08	30.52	7.54	8.00	5.8	3.249	83.9	2.8	0.7
751	3/30/2016 04:31:06	11.55	46.99	30.45	7.50	8.00	6.2	3.265	83.5	2.8	0.7
752	3/30/2016 04:46:07	11.64	46.54	30.14	7.66	8.01	5.9	3.271	85.3	2.6	0.6
753	3/30/2016 05:01:05	11.61	46.74	30.28	7.60	8.01	6.3	3.239	84.6	2.7	0.7
754	3/30/2016 05:16:06	11.66	45.57	29.44	7.84	8.03	8.5	3.219	86.9	2.4	0.6
755	3/30/2016 05:31:06	11.86	44.12	28.42	7.83	8.03	8.4	3.187	86.6	2.7	0.7
756	3/30/2016 05:46:06	11.79	44.50	28.68	7.82	8.04	9.2	3.126	86.5	2.4	0.6
757	3/30/2016 06:01:06	11.81	44.42	28.63	7.88	8.04	10.1	3.073	87.2	2.4	0.6
758	3/30/2016 06:16:06	11.84	45.03	29.07	7.82	8.04	9.3	3.005	86.8	2.7	0.6
759	3/30/2016 06:31:06	11.82	45.27	29.24	7.76	8.04	11.1	2.941	86.2	2.9	0.7
760	3/30/2016 06:46:06	11.90	44.71	28.84	7.82	8.04	13.2	2.872	86.8	2.3	0.6
761	3/30/2016 07:01:06	11.95	44.15	28.44	7.86	8.04	10.6	2.803	87.1	2.9	0.7
762	3/30/2016 07:16:06	11.89	43.79	28.18	7.89	8.05	9.7	2.719	87.2	3.4	0.8
763	3/30/2016 07:31:06	12.00	43.68	28.11	7.93	8.05	11.2	2.645	87.7	2.6	0.6
764	3/30/2016 07:46:05	11.95	43.34	27.87	7.96	8.04	9.4	2.574	87.9	2.2	0.5
765	3/30/2016 08:01:06	12.01	43.19	27.76	7.94	8.05	10.8	2.482	87.7	2.9	0.7
766	3/30/2016 08:16:06	12.10	43.02	27.64	8.00	8.05	11.2	2.395	88.5	2.6	0.6
767	3/30/2016 08:31:06	12.00	42.97	27.60	7.98	8.05	9.8	2.309	88.1	2.8	0.7
768	3/30/2016 08:46:06	12.20	42.70	27.41	7.98	8.05	14.4	2.229	88.3	2.9	0.7
769	3/30/2016 09:01:06	12.24	42.58	27.33	8.06	8.05	10.5	2.135	89.2	3.2	0.8
770	3/30/2016 09:16:06	12.20	42.56	27.32	8.07	8.05	10.1	2.045	89.2	2.8	0.7
771	3/30/2016 09:31:06	12.36	42.43	27.23	8.09	8.06	10.1	1.964	89.7	3.2	0.8
772	3/30/2016 09:46:06	12.41	42.53	27.30	8.12	8.06	10.8	1.883	90.2	3.7	0.9
773	3/30/2016 10:01:06	12.56	42.17	27.05	8.21	8.06	10.4	1.803	91.3	3.2	0.8
774	3/30/2016 10:16:06	12.68	42.00	26.94	8.22	8.06	10.2	1.749	91.7	3.7	0.9
775	3/30/2016 10:31:06	12.79	41.79	26.79	8.17	8.06	10.2	1.697	91.2	3.1	0.7
776	3/30/2016 10:46:06	12.87	41.68	26.72	8.19	8.06	10.4	1.660	91.6	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	3/30/2016 11:01:05	12.56	42.47	27.26	7.78	8.04	7.5	1.646	86.7	2.6	0.6
778	3/30/2016 11:16:06	12.83	41.79	26.79	8.12	8.05	9.5	1.636	90.8	3.2	0.8
779	3/30/2016 11:31:07	12.91	41.77	26.78	8.18	8.06	8.9	1.641	91.6	3.5	0.8
780	3/30/2016 11:46:06	13.01	41.57	26.64	8.15	8.05	9.5	1.662	91.3	3.3	0.8
781	3/30/2016 12:01:05	12.93	41.79	26.80	8.12	8.05	9.3	1.688	90.9	3.5	0.8
782	3/30/2016 12:16:06	12.44	42.63	27.38	7.91	8.03	8.6	1.726	88.0	3.2	0.8
783	3/30/2016 12:31:06	12.55	42.41	27.22	7.96	8.04	9.3	1.769	88.7	3.1	0.7
784	3/30/2016 12:46:06	12.53	42.39	27.21	7.93	8.03	8.3	1.800	88.2	2.4	0.6
785	3/30/2016 13:01:06	12.60	42.37	27.19	7.91	8.03	8.9	1.859	88.2	2.8	0.7
786	3/30/2016 13:16:06	12.52	42.39	27.21	7.93	8.03	9.1	1.912	88.3	3.5	0.8
787	3/30/2016 13:31:06	12.50	42.38	27.20	7.87	8.03	8.6	1.962	87.6	3.1	0.7
788	3/30/2016 13:46:06	12.39	42.59	27.35	7.90	8.03	7.6	2.005	87.7	2.9	0.7
789	3/30/2016 14:01:05	12.24	43.05	27.67	7.81	8.02	7.7	2.057	86.7	2.9	0.7
790	3/30/2016 14:16:06	12.15	43.40	27.91	7.82	8.02	7.9	2.126	86.8	2.6	0.6
791	3/30/2016 14:31:06	12.15	43.45	27.95	7.84	8.03	8.6	2.176	87.0	3.1	0.7
792	3/30/2016 14:46:06	12.15	43.59	28.05	7.85	8.03	7.3	2.234	87.2	2.8	0.7
793	3/30/2016 15:01:06	12.14	43.68	28.11	7.91	8.03	7.6	2.295	87.9	2.7	0.7
794	3/30/2016 15:16:06	12.20	43.67	28.10	7.94	8.04	9.5	2.358	88.3	3.4	0.8
795	3/30/2016 15:31:06	12.09	44.19	28.48	7.88	8.03	7.1	2.425	87.6	2.3	0.5
796	3/30/2016 15:46:06	12.08	44.33	28.57	7.92	8.04	7.3	2.471	88.1	1.9	0.5
797	3/30/2016 16:01:06	12.02	44.64	28.79	7.85	8.03	6.3	2.530	87.3	2.8	0.7
798	3/30/2016 16:16:06	12.06	44.80	28.91	7.88	8.03	6.5	2.591	87.8	2.6	0.6
799	3/30/2016 16:31:06	12.15	44.75	28.88	7.99	8.03	6.7	2.645	89.2	2.8	0.7
800	3/30/2016 16:46:06	12.23	44.73	28.86	7.98	8.03	6.2	2.682	89.2	2.5	0.6
801	3/30/2016 17:01:06	12.04	44.96	29.02	7.93	8.03	5.7	2.729	88.4	2.8	0.7
802	3/30/2016 17:16:06	12.01	45.08	29.11	7.92	8.02	6.4	2.791	88.2	2.7	0.6
803	3/30/2016 17:31:06	11.88	45.31	29.26	7.90	8.02	5.7	2.820	87.9	2.1	0.5
804	3/30/2016 17:46:06	11.81	45.57	29.45	7.77	8.02	5.9	2.849	86.4	2.6	0.6
805	3/30/2016 18:01:06	11.82	45.58	29.46	7.74	8.02	5.1	2.888	86.0	2.6	0.6
806	3/30/2016 18:16:06	11.80	45.69	29.54	7.71	8.01	5.6	2.907	85.8	2.4	0.6
807	3/30/2016 18:31:06	11.84	45.59	29.47	7.69	8.01	4.3	2.913	85.6	2.2	0.5
808	3/30/2016 18:46:06	12.33	44.82	28.93	8.05	8.04	5.9	2.918	90.2	2.7	0.6
809	3/30/2016 19:01:06	11.91	45.24	29.22	7.75	8.02	5.7	2.900	86.2	1.9	0.5
810	3/30/2016 19:16:06	11.91	45.15	29.15	7.70	8.01	6.0	2.883	85.6	2.1	0.5
811	3/30/2016 19:31:06	12.12	44.93	29.00	7.85	8.02	6.0	2.853	87.6	2.8	0.7
812	3/30/2016 19:46:06	12.68	44.44	28.68	8.06	8.05	5.6	2.817	90.8	3.2	0.8
813	3/30/2016 20:01:06	12.49	44.58	28.77	7.89	8.04	6.6	2.769	88.6	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
814	3/30/2016 20:16:06	12.48	44.61	28.79	7.92	8.04	6.8	2.722	88.9	2.7	0.6
815	3/30/2016 20:31:05	12.85	44.16	28.48	8.06	8.05	6.4	2.683	91.1	2.5	0.6
816	3/30/2016 20:46:06	13.18	43.87	28.28	8.17	8.06	5.7	2.637	92.9	3.2	0.8
817	3/30/2016 21:01:06	13.19	43.79	28.23	8.18	8.06	5.9	2.593	92.9	2.5	0.6
818	3/30/2016 21:16:06	13.10	43.69	28.15	8.24	8.06	7.1	2.557	93.4	2.8	0.7
819	3/30/2016 21:31:06	13.10	43.62	28.10	8.25	8.06	5.9	2.531	93.5	3.3	0.8
820	3/30/2016 21:46:05	13.06	43.44	27.97	8.20	8.06	5.3	2.484	92.8	2.8	0.7
821	3/30/2016 22:01:06	13.15	43.50	28.02	8.22	8.06	5.8	2.447	93.1	3.3	0.8
822	3/30/2016 22:16:06	13.17	43.59	28.08	8.18	8.06	6.2	2.441	92.8	3.1	0.7
823	3/30/2016 22:31:06	13.29	43.31	27.88	8.22	8.07	6.4	2.411	93.4	3.7	0.9
824	3/30/2016 22:46:06	13.43	43.12	27.76	8.28	8.07	6.1	2.387	94.3	3.4	0.8
825	3/30/2016 23:01:06	13.37	43.14	27.77	8.15	8.06	4.5	2.387	92.7	3.5	0.8
826	3/30/2016 23:16:06	13.17	43.34	27.91	8.11	8.06	4.8	2.384	91.9	3.1	0.7
827	3/30/2016 23:31:05	12.76	43.63	28.10	8.04	8.04	5.1	2.392	90.5	3.7	0.9
828	3/30/2016 23:46:06	12.86	43.61	28.09	8.07	8.04	5.4	2.399	91.0	3.1	0.7
829	3/31/2016 00:01:06	12.98	43.48	28.00	8.02	8.05	5.1	2.422	90.6	3.2	0.8
830	3/31/2016 00:16:06	12.82	43.72	28.17	8.12	8.04	5.3	2.452	91.5	2.6	0.6
831	3/31/2016 00:31:06	12.76	43.85	28.26	7.99	8.04	5.3	2.475	90.0	2.9	0.7
832	3/31/2016 00:46:06	12.79	43.86	28.26	8.03	8.04	5.1	2.514	90.5	2.7	0.6
833	3/31/2016 01:01:06	12.53	44.29	28.56	7.94	8.02	6.3	2.549	89.1	2.5	0.6
834	3/31/2016 01:16:06	12.48	44.51	28.72	7.97	8.03	5.9	2.584	89.5	3.2	0.8
835	3/31/2016 01:31:06	12.35	44.75	28.89	7.86	8.02	5.7	2.624	88.1	3.1	0.7
836	3/31/2016 01:46:06	12.33	44.81	28.93	7.85	8.02	5.9	2.671	88.0	2.7	0.6
837	3/31/2016 02:01:06	12.30	44.92	29.01	7.83	8.02	5.2	2.716	87.7	2.1	0.5
838	3/31/2016 02:16:06	12.14	45.37	29.32	7.78	8.01	5.4	2.763	87.1	2.8	0.7
839	3/31/2016 02:31:05	12.06	45.63	29.50	7.75	8.01	5.4	2.814	86.7	2.3	0.5
840	3/31/2016 02:46:05	11.92	46.08	29.82	7.74	8.01	5.3	2.860	86.5	3.0	0.7
841	3/31/2016 03:01:06	11.86	46.39	30.04	7.70	8.01	5.4	2.918	86.1	2.2	0.5
842	3/31/2016 03:16:06	11.77	46.66	30.23	7.67	8.00	6.0	2.966	85.6	2.3	0.6
843	3/31/2016 03:31:06	11.80	46.65	30.23	7.65	8.01	5.2	3.010	85.4	1.9	0.4
844	3/31/2016 03:46:06	11.86	46.49	30.12	7.65	8.01	5.2	3.068	85.5	2.7	0.6
845	3/31/2016 04:01:05	11.74	46.70	30.26	7.68	8.00	4.9	3.112	85.7	2.3	0.6
846	3/31/2016 04:16:06	11.78	46.64	30.22	7.68	8.01	5.0	3.150	85.8	1.9	0.5
847	3/31/2016 04:31:05	11.71	46.81	30.34	7.57	8.00	5.0	3.191	84.5	1.5	0.4
848	3/31/2016 04:46:06	11.83	46.33	29.99	7.73	8.01	4.9	3.226	86.2	2.4	0.6
849	3/31/2016 05:01:06	11.91	46.17	29.89	7.71	8.01	4.1	3.239	86.2	2.3	0.5
850	3/31/2016 05:16:06	11.85	46.46	30.09	7.60	8.01	5.4	3.256	85.0	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
851	3/31/2016 05:31:06	11.93	46.11	29.84	7.62	8.01	3.9	3.268	85.2	2.3	0.5
852	3/31/2016 05:46:06	11.81	46.61	30.20	7.50	8.00	5.1	3.269	83.8	1.8	0.4
853	3/31/2016 06:01:06	11.87	46.29	29.97	7.61	8.00	4.3	3.250	85.0	2.4	0.6
854	3/31/2016 06:16:06	12.27	44.53	28.72	7.81	8.02	8.1	3.219	87.3	2.7	0.6
855	3/31/2016 06:31:06	12.39	44.10	28.42	7.77	8.02	5.4	3.181	87.0	2.3	0.5
856	3/31/2016 06:46:06	12.40	44.39	28.63	7.71	8.02	6.4	3.141	86.4	2.4	0.6
857	3/31/2016 07:01:06	12.11	45.56	29.45	7.58	8.00	7.3	3.080	84.9	2.4	0.6
858	3/31/2016 07:16:06	12.23	44.98	29.05	7.78	8.01	7.1	3.021	87.0	2.8	0.7
859	3/31/2016 07:31:06	12.23	45.02	29.07	7.84	8.02	7.8	2.960	87.7	2.0	0.5
860	3/31/2016 07:46:06	12.30	44.74	28.87	7.82	8.02	6.4	2.889	87.5	2.7	0.6
861	3/31/2016 08:01:06	12.38	44.37	28.62	7.86	8.02	6.2	2.810	88.1	2.0	0.5
862	3/31/2016 08:16:06	12.33	44.55	28.74	7.85	8.02	6.4	2.739	87.9	2.3	0.5
863	3/31/2016 08:31:06	12.34	44.40	28.64	7.90	8.02	5.6	2.667	88.4	2.7	0.6
864	3/31/2016 08:46:06	12.51	43.90	28.28	8.04	8.03	6.1	2.583	90.1	2.8	0.7
865	3/31/2016 09:01:06	12.53	43.97	28.34	8.00	8.03	5.7	2.504	89.8	2.4	0.6
866	3/31/2016 09:16:06	12.64	43.75	28.18	8.02	8.04	5.6	2.423	90.1	2.8	0.7
867	3/31/2016 09:31:06	12.74	43.66	28.12	8.05	8.04	6.1	2.321	90.6	2.7	0.6
868	3/31/2016 09:46:06	12.86	43.55	28.05	8.15	8.04	5.5	2.250	91.8	2.5	0.6
869	3/31/2016 10:01:06	12.99	43.46	27.99	8.18	8.05	5.4	2.151	92.4	2.6	0.6
870	3/31/2016 10:16:06	13.07	43.37	27.93	8.28	8.05	5.2	2.082	93.6	2.6	0.6
871	3/31/2016 10:31:06	13.08	43.48	28.00	8.25	8.05	5.7	1.975	93.4	2.8	0.7
872	3/31/2016 10:46:06	13.23	43.46	27.99	8.22	8.05	5.1	1.898	93.3	2.9	0.7
873	3/31/2016 11:01:06	13.30	43.41	27.96	8.29	8.06	5.5	1.842	94.2	2.9	0.7
874	3/31/2016 11:16:06	13.64	43.11	27.75	8.51	8.07	5.2	1.777	97.3	3.3	0.8
875	3/31/2016 11:31:06	13.87	43.03	27.70	8.56	8.08	5.2	1.735	98.3	2.5	0.6
876	3/31/2016 11:46:06	13.91	42.83	27.56	8.61	8.08	4.9	1.696	98.9	2.8	0.7
877	3/31/2016 12:01:06	13.44	43.32	27.90	8.27	8.06	4.2	1.671	94.3	2.6	0.6
878	3/31/2016 12:16:06	13.78	43.03	27.70	8.42	8.07	4.7	1.658	96.5	3.1	0.7
879	3/31/2016 12:31:06	13.63	43.06	27.72	8.51	8.07	4.8	1.667	97.3	3.1	0.7
880	3/31/2016 12:46:06	13.69	42.89	27.60	8.48	8.07	5.0	1.664	97.0	3.2	0.8
881	3/31/2016 13:01:06	13.88	42.97	27.66	8.49	8.07	4.9	1.689	97.4	2.7	0.6
882	3/31/2016 13:16:06	13.46	43.15	27.78	8.34	8.06	4.5	1.737	95.0	2.7	0.6
883	3/31/2016 13:31:06	13.10	43.42	27.96	8.14	8.04	4.3	1.750	92.1	3.4	0.8
884	3/31/2016 13:46:06	13.08	43.38	27.93	8.15	8.04	4.1	1.782	92.2	2.9	0.7
885	3/31/2016 14:01:06	13.04	43.45	27.98	8.07	8.04	4.4	1.834	91.2	2.7	0.6
886	3/31/2016 14:16:06	13.19	43.26	27.85	8.04	8.04	5.1	1.887	91.2	2.8	0.7
887	3/31/2016 14:31:06	13.05	43.41	27.95	8.06	8.03	4.2	1.920	91.1	3.1	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 meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
888	3/31/2016 14:46:06	13.06	43.35	27.91	8.07	8.04	4.3	1.981	91.3	2.7	0.6
889	3/31/2016 15:01:06	13.07	43.34	27.90	8.05	8.04	4.7	2.044	91.1	3.2	0.8
890	3/31/2016 15:16:07	12.98	43.43	27.96	8.06	8.03	4.8	2.094	91.0	3.6	0.9
891	3/31/2016 15:31:06	12.84	43.66	28.13	8.02	8.03	4.7	2.161	90.4	3.3	0.8
892	3/31/2016 15:46:06	12.80	43.89	28.28	7.97	8.03	5.0	2.220	89.8	3.0	0.7
893	3/31/2016 16:01:06	12.76	44.00	28.36	7.95	8.03	5.1	2.286	89.5	2.6	0.6
894	3/31/2016 16:16:05	12.75	44.09	28.42	8.04	8.03	5.1	2.342	90.6	3.2	0.8
895	3/31/2016 16:31:05	12.60	44.53	28.73	7.94	8.03	4.8	2.404	89.4	2.9	0.7
896	3/31/2016 16:46:05	12.75	44.44	28.68	8.08	8.04	4.7	2.472	91.2	2.9	0.7
897	3/31/2016 17:01:05	12.80	44.56	28.76	8.05	8.04	4.4	2.528	91.0	2.2	0.5
898	3/31/2016 17:16:06	12.85	44.70	28.87	8.06	8.04	4.7	2.585	91.3	3.0	0.7
899	3/31/2016 17:31:06	12.45	45.22	29.22	7.87	8.02	4.3	2.639	88.6	2.9	0.7
900	3/31/2016 17:46:05	12.41	45.32	29.30	7.83	8.02	4.4	2.696	88.0	3.0	0.7
901	3/31/2016 18:01:06	12.46	45.27	29.26	7.87	8.03	4.3	2.741	88.6	2.8	0.7
902	3/31/2016 18:16:06	12.29	45.49	29.41	7.81	8.02	4.5	2.794	87.8	2.4	0.6
903	3/31/2016 18:31:05	12.26	45.60	29.49	7.78	8.02	4.2	2.835	87.3	2.5	0.6
904	3/31/2016 18:46:06	12.18	45.78	29.62	7.71	8.02	3.5	2.861	86.5	2.8	0.7
905	3/31/2016 19:01:06	12.16	45.91	29.71	7.62	8.02	3.4	2.888	85.5	1.9	0.5
906	3/31/2016 19:16:06	12.19	45.90	29.70	7.66	8.03	3.5	2.923	86.0	2.7	0.6
907	3/31/2016 19:31:06	12.27	45.68	29.55	7.65	8.03	3.3	2.927	85.9	4.5	1.1
908	3/31/2016 19:46:06	12.35	45.47	29.40	7.62	8.03	3.6	2.941	85.7	2.5	0.6
909	3/31/2016 20:01:06	12.22	45.68	29.54	7.55	8.02	3.9	2.938	84.7	2.4	0.6
910	3/31/2016 20:16:06	12.27	45.71	29.57	7.59	8.02	3.4	2.925	85.3	2.5	0.6
911	3/31/2016 20:31:06	12.41	45.29	29.28	7.67	8.03	4.2	2.896	86.3	2.7	0.6
912	3/31/2016 20:46:06	12.96	44.67	28.85	7.93	8.06	5.6	2.869	90.0	2.4	0.6
913	3/31/2016 21:01:06	12.84	44.83	28.96	7.97	8.05	4.7	2.848	90.3	2.4	0.6
914	3/31/2016 21:16:06	12.61	45.11	29.15	7.81	8.03	4.2	2.808	88.2	3.1	0.7
915	3/31/2016 21:31:06	12.99	44.65	28.84	7.84	8.05	4.4	2.763	89.0	2.8	0.7
916	3/31/2016 21:46:06	13.13	44.55	28.77	8.01	8.05	3.7	2.732	91.2	3.4	0.8
917	3/31/2016 22:01:06	13.19	44.44	28.69	8.03	8.06	5.0	2.670	91.4	2.9	0.7
918	3/31/2016 22:16:06	13.31	44.23	28.54	8.16	8.07	5.1	2.645	93.1	3.1	0.7
919	3/31/2016 22:31:06	13.45	44.00	28.38	8.35	8.09	4.5	2.596	95.4	3.0	0.7
920	3/31/2016 22:46:06	13.58	43.88	28.30	8.41	8.10	4.3	2.560	96.3	2.6	0.6
921	3/31/2016 23:01:06	13.46	44.05	28.42	8.33	8.10	3.9	2.524	95.3	3.0	0.7
922	3/31/2016 23:16:06	13.48	43.97	28.36	8.34	8.09	4.0	2.480	95.4	2.9	0.7
923	3/31/2016 23:31:06	13.49	43.99	28.38	8.19	8.09	4.0	2.465	93.8	2.9	0.7
924	3/31/2016 23:46:06	13.65	43.92	28.33	8.24	8.10	4.7	2.438	94.5	3.1	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 meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
925	4/1/2016 00:01:06	13.72	43.77	28.22	8.34	8.11	4.7	2.425	95.8	3.3	0.8
926	4/1/2016 00:16:06	13.33	44.10	28.45	7.93	8.07	3.3	2.420	90.4	2.9	0.7
927	4/1/2016 00:31:06	13.54	43.60	28.10	8.23	8.08	4.5	2.412	94.1	3.1	0.7
928	4/1/2016 00:46:06	13.51	43.91	28.32	8.30	8.09	3.8	2.420	95.0	3.0	0.7
929	4/1/2016 01:01:06	13.25	44.02	28.39	8.16	8.06	3.6	2.435	93.0	4.0	1.0
930	4/1/2016 01:16:06	13.47	43.79	28.23	8.28	8.08	3.6	2.440	94.6	3.2	0.8
931	4/1/2016 01:31:06	13.38	43.91	28.32	8.18	8.07	3.8	2.460	93.4	3.1	0.7
932	4/1/2016 01:46:06	13.01	44.41	28.66	7.95	8.04	3.8	2.489	90.3	2.7	0.6
933	4/1/2016 02:01:06	13.08	44.29	28.58	7.95	8.05	3.9	2.523	90.4	2.7	0.6
934	4/1/2016 02:16:06	12.90	44.63	28.82	7.82	8.03	4.2	2.553	88.7	2.7	0.6
935	4/1/2016 02:31:06	12.71	45.08	29.13	7.80	8.03	4.8	2.594	88.3	2.8	0.7
936	4/1/2016 02:46:06	12.69	45.15	29.18	7.75	8.03	4.0	2.633	87.7	2.7	0.6
937	4/1/2016 03:01:06	12.57	45.43	29.38	7.70	8.02	4.0	2.673	87.0	2.5	0.6
938	4/1/2016 03:16:06	12.61	45.31	29.29	7.74	8.03	4.8	2.712	87.5	3.2	0.8
939	4/1/2016 03:31:06	12.47	45.75	29.60	7.74	8.03	4.3	2.770	87.4	2.9	0.7
940	4/1/2016 03:46:06	12.43	45.85	29.68	7.72	8.03	4.2	2.820	87.1	3.0	0.7
941	4/1/2016 04:01:06	12.31	46.38	30.05	7.64	8.02	4.0	2.854	86.2	2.8	0.7
942	4/1/2016 04:16:06	12.23	46.72	30.29	7.72	8.03	4.9	2.923	87.1	3.4	0.8
943	4/1/2016 04:31:06	12.21	46.93	30.44	7.73	8.04	4.7	2.959	87.3	2.5	0.6
944	4/1/2016 04:46:06	12.21	47.01	30.50	7.74	8.04	4.7	3.007	87.4	2.6	0.6
945	4/1/2016 05:01:06	12.23	46.94	30.45	7.69	8.04	5.0	3.068	86.9	2.5	0.6
946	4/1/2016 05:16:06	12.24	46.79	30.35	7.69	8.04	4.1	3.112	86.8	2.7	0.6
947	4/1/2016 05:31:06	12.21	46.91	30.43	7.63	8.04	4.0	3.147	86.1	2.4	0.6
948	4/1/2016 05:46:06	12.17	46.99	30.48	7.61	8.03	4.2	3.179	85.8	2.6	0.6
949	4/1/2016 06:01:06	12.24	46.76	30.32	7.62	8.04	3.9	3.215	85.9	2.7	0.6
950	4/1/2016 06:16:07	12.20	46.89	30.42	7.62	8.03	3.8	3.241	85.9	2.2	0.5
951	4/1/2016 06:31:06	12.27	46.59	30.20	7.62	8.03	3.5	3.267	86.0	2.8	0.7
952	4/1/2016 06:46:06	12.30	46.67	30.26	7.63	8.03	3.2	3.263	86.2	2.4	0.6
953	4/1/2016 07:01:06	12.36	46.42	30.08	7.63	8.03	3.9	3.253	86.1	2.5	0.6
954	4/1/2016 07:16:06	12.36	46.42	30.08	7.62	8.03	3.7	3.241	86.0	3.9	0.9
955	4/1/2016 07:31:06	12.39	46.28	29.98	7.64	8.03	5.1	3.213	86.3	2.0	0.5
956	4/1/2016 07:46:06	12.52	45.85	29.68	7.66	8.03	5.4	3.168	86.6	2.5	0.6
957	4/1/2016 08:01:06	12.81	44.83	28.96	7.81	8.04	5.3	3.122	88.4	2.4	0.6
958	4/1/2016 08:16:06	12.58	45.60	29.50	7.78	8.03	4.7	3.062	87.9	2.2	0.5
959	4/1/2016 08:31:06	12.50	45.98	29.77	7.83	8.04	4.8	2.986	88.6	2.3	0.5
960	4/1/2016 08:46:06	12.59	45.69	29.57	7.90	8.04	5.7	2.915	89.4	2.4	0.6
961	4/1/2016 09:01:06	12.74	45.21	29.23	8.00	8.05	5.1	2.841	90.6	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
962	4/1/2016 09:16:06	12.74	45.18	29.21	7.87	8.05	4.3	2.778	89.1	2.3	0.5
963	4/1/2016 09:31:06	12.84	44.88	29.00	7.96	8.05	4.2	2.701	90.2	2.3	0.5
964	4/1/2016 09:46:06	12.93	44.61	28.80	8.12	8.06	4.2	2.621	92.1	2.7	0.6
965	4/1/2016 10:01:06	13.09	44.30	28.59	8.21	8.07	4.2	2.540	93.3	2.5	0.6
966	4/1/2016 10:16:06	13.22	44.20	28.52	8.17	8.07	6.3	2.453	93.0	2.7	0.6
967	4/1/2016 10:31:06	13.34	44.05	28.42	8.27	8.08	4.6	2.367	94.4	3.2	0.8
968	4/1/2016 10:46:06	13.50	43.83	28.26	8.31	8.08	5.0	2.276	95.1	3.0	0.7
969	4/1/2016 11:01:06	13.60	43.88	28.30	8.40	8.09	4.2	2.177	96.3	2.6	0.6
970	4/1/2016 11:16:06	13.71	43.83	28.27	8.46	8.10	4.0	2.088	97.2	2.7	0.6
971	4/1/2016 11:31:06	13.72	43.73	28.20	8.41	8.09	4.1	2.011	96.6	3.2	0.8
972	4/1/2016 11:46:06	13.77	43.80	28.25	8.49	8.09	4.0	1.919	97.6	2.7	0.6
973	4/1/2016 12:01:06	13.83	43.75	28.21	8.51	8.09	4.1	1.850	97.9	3.2	0.8
974	4/1/2016 12:16:06	14.11	43.65	28.15	8.67	8.11	4.7	1.764	100.3	3.1	0.7
975	4/1/2016 12:31:06	14.27	43.44	28.01	8.75	8.11	4.2	1.734	101.5	3.1	0.7
976	4/1/2016 12:46:06	14.26	43.44	28.00	8.64	8.11	4.0	1.688	100.3	3.6	0.9
977	4/1/2016 13:01:06	14.14	43.59	28.11	8.55	8.10	3.7	1.632	99.0	3.0	0.7
978	4/1/2016 13:16:06	14.21	43.52	28.06	8.45	8.10	3.6	1.633	97.9	2.6	0.6
979	4/1/2016 13:31:05	14.43	43.40	27.98	8.78	8.12	4.0	1.653	102.2	3.7	0.9
980	4/1/2016 13:46:06	14.28	43.45	28.01	8.70	8.11	3.7	1.647	101.0	3.2	0.8
981	4/1/2016 14:01:06	14.28	43.36	27.95	8.65	8.10	3.5	1.649	100.3	3.3	0.8
982	4/1/2016 14:16:06	14.16	43.40	27.98	8.62	8.10	3.6	1.701	99.7	4.0	1.0
983	4/1/2016 14:31:06	13.77	43.74	28.20	8.43	8.08	3.6	1.719	97.0	3.3	0.8
984	4/1/2016 14:46:06	13.78	43.75	28.21	8.39	8.08	3.6	1.754	96.5	3.5	0.8
985	4/1/2016 15:01:06	13.87	43.70	28.18	8.29	8.08	3.4	1.782	95.5	3.2	0.8
986	4/1/2016 15:16:06	13.59	43.87	28.30	8.10	8.06	3.4	1.840	92.8	3.1	0.7
987	4/1/2016 15:31:06	13.55	43.87	28.29	8.20	8.06	3.1	1.900	93.9	3.3	0.8
988	4/1/2016 15:46:06	13.81	43.56	28.08	8.30	8.07	3.8	1.948	95.4	3.7	0.9
989	4/1/2016 16:01:06	13.66	43.70	28.18	8.24	8.06	3.9	2.006	94.5	2.6	0.6
990	4/1/2016 16:16:06	13.54	43.76	28.21	8.15	8.06	3.9	2.077	93.2	2.4	0.6
991	4/1/2016 16:31:06	13.44	43.94	28.34	8.06	8.05	3.6	2.140	92.1	3.4	0.8
992	4/1/2016 16:46:06	13.38	44.19	28.52	8.14	8.05	3.9	2.201	93.0	3.0	0.7
993	4/1/2016 17:01:06	13.39	44.23	28.54	8.21	8.06	3.9	2.288	93.8	3.1	0.7
994	4/1/2016 17:16:06	13.22	44.60	28.81	8.14	8.05	5.1	2.343	92.8	3.2	0.8
995	4/1/2016 17:31:06	13.27	44.73	28.90	8.09	8.05	4.2	2.424	92.5	3.1	0.7
996	4/1/2016 17:46:07	13.41	44.72	28.90	8.17	8.06	4.2	2.482	93.7	2.9	0.7
997	4/1/2016 18:01:06	13.54	44.76	28.93	8.14	8.06	4.0	2.549	93.6	3.4	0.8
998	4/1/2016 18:16:06	13.61	44.77	28.94	8.23	8.07	4.0	2.607	94.7	3.4	0.8

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	4/1/2016 18:31:06	13.60	44.83	28.99	8.32	8.07	4.4	2.664	95.7	3.6	0.8
1000	4/1/2016 18:46:07	13.55	45.03	29.12	8.25	8.07	5.3	2.726	95.0	3.4	0.8
1001	4/1/2016 19:01:06	13.41	45.15	29.21	8.20	8.06	4.0	2.784	94.2	3.3	0.8
1002	4/1/2016 19:16:06	13.22	45.42	29.39	8.12	8.06	3.8	2.842	93.0	3.4	0.8
1003	4/1/2016 19:31:06	13.07	45.57	29.50	8.05	8.05	7.7	2.882	91.9	3.5	0.8
1004	4/1/2016 19:46:06	12.98	45.76	29.63	7.97	8.05	3.4	2.929	91.0	3.1	0.7
1005	4/1/2016 20:01:06	12.79	46.07	29.85	7.91	8.04	3.4	2.973	90.0	3.2	0.8
1006	4/1/2016 20:16:06	12.76	46.16	29.91	7.78	8.04	3.3	3.005	88.6	3.3	0.8
1007	4/1/2016 20:31:06	12.63	46.33	30.02	7.74	8.03	3.4	3.037	87.9	2.7	0.6
1008	4/1/2016 20:46:06	12.57	46.39	30.07	7.57	8.03	2.8	3.039	85.8	2.8	0.7
1009	4/1/2016 21:01:06	12.58	46.41	30.09	7.57	8.02	3.2	3.064	85.9	2.8	0.7
1010	4/1/2016 21:16:06	12.55	46.42	30.09	7.53	8.02	3.2	3.044	85.4	2.1	0.5
1011	4/1/2016 21:31:06	12.58	46.41	30.09	7.61	8.03	3.7	3.021	86.3	2.4	0.6
1012	4/1/2016 21:46:06	12.74	46.15	29.90	7.67	8.03	3.3	2.993	87.2	2.9	0.7
1013	4/1/2016 22:01:06	13.01	45.62	29.53	8.00	8.05	4.9	2.958	91.3	3.7	0.9
1014	4/1/2016 22:16:06	13.23	45.20	29.24	7.97	8.05	4.3	2.911	91.2	3.4	0.8
1015	4/1/2016 22:31:06	13.32	45.23	29.26	8.07	8.06	7.2	2.845	92.5	4.0	0.9
1016	4/1/2016 22:46:06	13.03	45.63	29.54	7.94	8.04	4.3	2.794	90.6	3.6	0.8
1017	4/1/2016 23:01:07	13.13	45.49	29.44	7.94	8.05	4.7	2.736	90.8	3.2	0.8
1018	4/1/2016 23:16:06	13.24	45.28	29.29	8.06	8.06	4.8	2.676	92.2	3.5	0.8
1019	4/1/2016 23:31:06	13.34	45.16	29.21	8.05	8.06	4.5	2.632	92.3	3.5	0.8
1020	4/1/2016 23:46:07	13.39	45.15	29.21	8.09	8.07	4.6	2.571	92.9	3.2	0.8
1021	4/2/2016 00:01:06	13.44	44.89	29.02	8.08	8.06	5.1	2.531	92.8	4.1	1.0
1022	4/2/2016 00:16:06	13.52	44.73	28.91	8.04	8.07	6.0	2.490	92.3	3.4	0.8
1023	4/2/2016 00:31:06	13.59	44.40	28.68	8.07	8.06	4.0	2.446	92.7	3.5	0.8
1024	4/2/2016 00:46:06	13.61	44.26	28.58	8.08	8.06	3.7	2.417	92.8	3.3	0.8
1025	4/2/2016 01:01:06	13.60	44.32	28.62	8.04	8.06	4.1	2.388	92.3	3.9	0.9
1026	4/2/2016 01:16:06	13.62	44.25	28.57	8.12	8.07	5.1	2.365	93.3	3.7	0.9
1027	4/2/2016 01:31:06	13.66	43.95	28.35	8.08	8.06	3.4	2.360	92.7	3.7	0.9
1028	4/2/2016 01:46:06	13.67	43.92	28.33	7.88	8.05	2.9	2.349	90.4	3.7	0.9
1029	4/2/2016 02:01:06	13.63	43.97	28.37	7.99	8.05	3.6	2.345	91.7	3.7	0.9
1030	4/2/2016 02:16:06	13.54	44.21	28.53	7.96	8.04	3.7	2.370	91.3	3.7	0.9
1031	4/2/2016 02:31:06	13.60	44.06	28.43	8.00	8.05	3.6	2.378	91.7	2.9	0.7
1032	4/2/2016 02:46:06	13.48	44.50	28.74	7.97	8.04	3.7	2.406	91.4	3.3	0.8
1033	4/2/2016 03:01:06	13.52	44.47	28.72	7.93	8.05	3.9	2.443	91.0	3.3	0.8
1034	4/2/2016 03:16:06	13.46	44.63	28.83	7.96	8.04	4.2	2.468	91.3	3.1	0.7
1035	4/2/2016 03:31:06	13.40	44.76	28.93	7.95	8.04	3.7	2.511	91.1	3.7	0.9

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	4/2/2016 03:46:06	13.41	44.69	28.88	7.94	8.04	3.9	2.555	91.0	2.5	0.6
1037	4/2/2016 04:01:07	13.39	44.87	29.01	7.93	8.05	4.3	2.609	90.9	3.5	0.8
1038	4/2/2016 04:16:06	13.32	45.09	29.16	7.93	8.05	4.1	2.657	90.9	3.6	0.8
1039	4/2/2016 04:31:06	13.24	45.24	29.26	7.96	8.05	3.9	2.704	91.1	3.1	0.7
1040	4/2/2016 04:46:06	13.22	45.37	29.36	7.93	8.05	3.7	2.753	90.8	3.1	0.7
1041	4/2/2016 05:01:06	13.23	45.28	29.29	7.94	8.05	4.0	2.808	90.9	3.1	0.7
1042	4/2/2016 05:16:06	12.95	46.27	29.99	7.95	8.06	4.2	2.868	90.8	2.4	0.6
1043	4/2/2016 05:31:05	12.86	46.60	30.23	8.03	8.06	4.6	2.916	91.7	3.1	0.7
1044	4/2/2016 05:46:06	12.80	46.79	30.37	8.00	8.07	3.9	2.966	91.4	2.5	0.6
1045	4/2/2016 06:01:06	12.92	46.29	30.01	8.07	8.07	3.8	3.021	92.2	2.7	0.6
1046	4/2/2016 06:16:06	12.82	46.68	30.29	8.08	8.07	3.9	3.086	92.3	3.0	0.7
1047	4/2/2016 06:31:06	12.72	47.12	30.60	8.01	8.07	3.7	3.133	91.4	3.3	0.8
1048	4/2/2016 06:46:06	12.66	47.35	30.77	8.05	8.07	4.5	3.175	91.9	3.0	0.7
1049	4/2/2016 07:01:06	12.64	47.42	30.81	7.97	8.07	3.9	3.220	91.0	3.0	0.7
1050	4/2/2016 07:16:06	12.63	47.46	30.84	7.94	8.07	3.8	3.257	90.6	2.5	0.6
1051	4/2/2016 07:31:06	12.59	47.57	30.92	7.89	8.07	3.6	3.283	90.0	2.8	0.7
1052	4/2/2016 07:46:06	12.63	47.50	30.87	7.90	8.07	2.8	3.291	90.2	2.5	0.6
1053	4/2/2016 08:01:06	12.65	47.45	30.84	7.83	8.06	2.8	3.286	89.4	2.4	0.6
1054	4/2/2016 08:16:06	12.67	47.32	30.74	7.85	8.07	3.2	3.274	89.6	2.7	0.6
1055	4/2/2016 08:31:06	12.65	47.45	30.83	7.88	8.07	3.8	3.246	90.0	2.0	0.5
1056	4/2/2016 08:46:06	13.04	45.44	29.40	7.86	8.06	5.9	3.216	89.7	2.6	0.6
1057	4/2/2016 09:01:06	12.91	46.19	29.94	7.91	8.07	4.2	3.166	90.3	2.4	0.6
1058	4/2/2016 09:16:06	13.02	45.68	29.58	7.99	8.07	4.5	3.110	91.2	2.9	0.7
1059	4/2/2016 09:31:06	12.97	45.97	29.78	8.00	8.07	3.4	3.047	91.3	2.8	0.7
1060	4/2/2016 09:46:06	12.94	46.15	29.91	8.07	8.08	4.4	2.982	92.2	2.7	0.6
1061	4/2/2016 10:01:06	13.03	45.72	29.61	8.04	8.08	3.6	2.905	91.8	2.6	0.6
1062	4/2/2016 10:16:06	13.09	45.57	29.50	8.22	8.09	3.4	2.823	94.0	3.1	0.7
1063	4/2/2016 10:31:06	13.18	45.35	29.34	8.27	8.09	3.6	2.737	94.5	3.1	0.7
1064	4/2/2016 10:46:06	13.29	45.26	29.28	8.23	8.09	3.5	2.656	94.3	3.7	0.9
1065	4/2/2016 11:01:06	13.40	45.19	29.24	8.32	8.09	3.7	2.578	95.6	4.0	0.9
1066	4/2/2016 11:16:06	13.59	44.97	29.09	8.26	8.09	3.9	2.484	95.2	3.0	0.7
1067	4/2/2016 11:31:06	13.81	44.67	28.87	8.37	8.09	5.1	2.390	96.7	3.1	0.7
1068	4/2/2016 11:46:06	13.98	44.70	28.90	8.39	8.10	4.1	2.298	97.3	3.1	0.7
1069	4/2/2016 12:01:06	14.17	44.51	28.77	8.50	8.10	4.5	2.201	98.8	3.4	0.8
1070	4/2/2016 12:16:06	14.35	44.46	28.74	8.56	8.11	4.0	2.094	99.9	3.1	0.7
1071	4/2/2016 12:31:06	14.53	44.28	28.61	8.69	8.12	3.8	1.996	101.7	3.2	0.8
1072	4/2/2016 12:46:06	14.73	44.23	28.58	8.73	8.12	3.7	1.902	102.6	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
1073	4/2/2016 13:01:06	14.90	44.18	28.55	8.90	8.13	4.0	1.815	105.0	3.2	0.8
1074	4/2/2016 13:16:06	14.90	44.24	28.59	8.84	8.13	3.9	1.728	104.3	3.1	0.7
1075	4/2/2016 13:31:06	14.96	44.10	28.49	8.79	8.13	3.9	1.669	103.8	4.1	1.0
1076	4/2/2016 13:46:06	15.07	43.98	28.40	8.91	8.14	4.1	1.622	105.4	3.4	0.8
1077	4/2/2016 14:01:06	14.99	43.99	28.41	8.75	8.13	3.7	1.569	103.3	3.2	0.8
1078	4/2/2016 14:16:05	14.92	44.07	28.47	8.70	8.12	4.0	1.560	102.5	2.6	0.6
1079	4/2/2016 14:31:05	15.21	43.97	28.40	9.03	8.15	3.6	1.552	107.0	4.0	0.9
1080	4/2/2016 14:46:05	14.76	43.92	28.36	8.82	8.12	3.2	1.558	103.6	4.8	1.1
1081	4/2/2016 15:01:06	14.98	43.92	28.36	8.85	8.13	3.4	1.564	104.4	4.7	1.1
1082	4/2/2016 15:16:06	14.32	44.24	28.58	8.46	8.10	3.8	1.607	98.6	3.7	0.9
1083	4/2/2016 15:31:06	14.59	44.07	28.46	8.68	8.11	3.3	1.651	101.6	3.4	0.8
1084	4/2/2016 15:46:06	14.88	43.95	28.38	8.74	8.12	3.4	1.701	102.9	4.1	1.0
1085	4/2/2016 16:01:06	14.90	43.82	28.29	8.64	8.11	3.5	1.750	101.8	3.8	0.9
1086	4/2/2016 16:16:06	14.72	43.90	28.34	8.54	8.10	3.4	1.812	100.2	3.8	0.9
1087	4/2/2016 16:31:06	14.75	43.74	28.23	8.65	8.10	4.4	1.879	101.4	4.1	1.0
1088	4/2/2016 16:46:06	14.54	43.87	28.32	8.47	8.09	4.2	1.939	99.0	4.4	1.0
1089	4/2/2016 17:01:06	14.29	44.12	28.49	8.41	8.08	4.1	2.018	97.9	3.5	0.8
1090	4/2/2016 17:16:06	14.18	44.20	28.55	8.33	8.08	3.7	2.078	96.8	3.4	0.8
1091	4/2/2016 17:31:06	13.99	44.57	28.80	8.25	8.07	4.0	2.161	95.6	3.5	0.8
1092	4/2/2016 17:46:06	13.90	44.78	28.95	8.27	8.07	4.3	2.233	95.8	3.3	0.8
1093	4/2/2016 18:01:06	13.78	45.03	29.13	8.27	8.07	4.4	2.308	95.6	3.7	0.9
1094	4/2/2016 18:16:06	13.90	44.94	29.07	8.31	8.07	4.2	2.379	96.3	3.5	0.8
1095	4/2/2016 18:31:06	13.80	45.17	29.23	8.20	8.07	3.8	2.454	94.9	3.9	0.9
1096	4/2/2016 18:46:06	13.78	45.23	29.28	8.31	8.08	3.9	2.537	96.3	3.9	0.9
1097	4/2/2016 19:01:06	13.52	45.60	29.53	8.28	8.07	3.7	2.607	95.5	3.9	0.9
1098	4/2/2016 19:16:06	13.21	45.99	29.80	8.08	8.06	4.3	2.676	92.7	3.6	0.8
1099	4/2/2016 19:31:06	13.21	46.04	29.84	8.06	8.06	4.0	2.754	92.5	3.1	0.7
1100	4/2/2016 19:46:06	13.19	46.12	29.90	8.13	8.06	4.7	2.810	93.3	3.0	0.7
1101	4/2/2016 20:01:06	13.14	46.29	30.02	8.08	8.07	4.8	2.879	92.8	3.3	0.8
1102	4/2/2016 20:16:06	13.16	46.32	30.04	8.11	8.07	5.1	2.939	93.2	3.8	0.9
1103	4/2/2016 20:31:06	13.14	46.43	30.12	8.14	8.07	4.8	2.996	93.5	3.7	0.9
1104	4/2/2016 20:46:06	13.12	46.60	30.24	8.17	8.07	4.8	3.050	93.9	3.8	0.9
1105	4/2/2016 21:01:06	13.05	46.84	30.41	8.17	8.08	4.7	3.096	93.8	4.5	1.1
1106	4/2/2016 21:16:06	12.92	47.34	30.76	8.31	8.09	5.7	3.133	95.4	4.6	1.1
1107	4/2/2016 21:31:06	12.90	47.50	30.88	8.42	8.10	4.2	3.161	96.6	4.8	1.1
1108	4/2/2016 21:46:06	12.91	47.51	30.89	8.37	8.10	4.3	3.177	96.1	3.7	0.9
1109	4/2/2016 22:01:06	12.92	47.49	30.88	8.23	8.09	3.3	3.166	94.6	3.6	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
1110	4/2/2016 22:16:06	12.92	47.44	30.84	8.25	8.09	4.0	3.151	94.7	3.3	0.8
1111	4/2/2016 22:31:06	13.04	46.97	30.51	8.16	8.08	3.6	3.131	93.7	3.8	0.9
1112	4/2/2016 22:46:06	13.12	46.56	30.21	8.12	8.07	3.9	3.074	93.3	3.4	0.8
1113	4/2/2016 23:01:06	13.25	46.18	29.94	7.98	8.06	6.0	3.016	91.7	3.6	0.9
1114	4/2/2016 23:16:05	13.18	46.08	29.87	7.99	8.06	5.3	2.955	91.6	3.1	0.7
1115	4/2/2016 23:31:06	13.33	45.96	29.79	8.11	8.07	5.1	2.892	93.3	3.1	0.7
1116	4/2/2016 23:46:06	13.46	45.57	29.51	7.99	8.06	4.6	2.817	92.0	3.2	0.8
1117	4/3/2016 00:01:06	13.45	45.62	29.55	7.96	8.05	4.5	2.742	91.7	3.4	0.8
1118	4/3/2016 00:16:06	13.53	45.47	29.44	7.97	8.05	4.4	2.679	91.9	3.2	0.8
1119	4/3/2016 00:31:06	13.62	45.26	29.29	8.03	8.06	3.9	2.609	92.6	3.3	0.8
1120	4/3/2016 00:46:06	13.65	45.25	29.28	8.03	8.05	4.0	2.552	92.7	3.3	0.8
1121	4/3/2016 01:01:06	13.69	45.14	29.21	8.00	8.06	4.3	2.489	92.4	3.8	0.9
1122	4/3/2016 01:16:06	13.78	44.94	29.07	8.09	8.06	3.9	2.425	93.6	4.0	1.0
1123	4/3/2016 01:31:06	13.94	44.62	28.84	8.12	8.06	3.9	2.372	94.1	3.8	0.9
1124	4/3/2016 01:46:06	14.01	44.54	28.79	8.15	8.06	3.7	2.321	94.5	3.7	0.9
1125	4/3/2016 02:01:06	14.01	44.59	28.82	8.06	8.06	3.6	2.274	93.5	3.7	0.9
1126	4/3/2016 02:16:06	14.08	44.50	28.76	8.08	8.07	3.7	2.228	93.8	3.6	0.8
1127	4/3/2016 02:31:06	14.10	44.51	28.76	8.07	8.07	3.7	2.189	93.8	3.2	0.8
1128	4/3/2016 02:46:06	14.12	44.44	28.72	8.22	8.08	3.9	2.185	95.4	3.9	0.9
1129	4/3/2016 03:01:05	14.20	44.34	28.65	8.08	8.07	3.2	2.179	94.0	3.2	0.8
1130	4/3/2016 03:16:06	14.30	44.12	28.49	8.18	8.08	3.9	2.169	95.2	3.6	0.9
1131	4/3/2016 03:31:06	14.08	44.33	28.64	8.15	8.07	4.0	2.192	94.6	3.3	0.8
1132	4/3/2016 03:46:06	13.82	44.91	29.05	8.01	8.05	4.3	2.228	92.6	3.0	0.7
1133	4/3/2016 04:01:06	13.83	44.83	28.99	8.00	8.05	4.2	2.258	92.5	3.1	0.7
1134	4/3/2016 04:16:06	13.93	44.56	28.80	8.10	8.06	3.6	2.306	93.7	3.2	0.8
1135	4/3/2016 04:31:06	13.91	44.52	28.77	8.08	8.06	4.2	2.365	93.5	3.7	0.9
1136	4/3/2016 04:46:06	13.73	44.99	29.10	7.93	8.05	3.9	2.423	91.6	3.3	0.8
1137	4/3/2016 05:01:06	13.59	45.39	29.39	8.02	8.05	5.0	2.482	92.5	3.4	0.8
1138	4/3/2016 05:16:06	13.53	45.56	29.51	8.03	8.06	4.6	2.540	92.6	2.9	0.7
1139	4/3/2016 05:31:07	13.57	45.45	29.43	8.02	8.06	4.3	2.607	92.5	3.4	0.8
1140	4/3/2016 05:46:06	13.48	45.67	29.58	8.05	8.06	4.6	2.672	92.7	3.7	0.9
1141	4/3/2016 06:01:06	13.36	45.96	29.79	8.07	8.07	4.7	2.732	93.0	3.4	0.8
1142	4/3/2016 06:16:06	13.29	45.97	29.79	8.09	8.07	4.2	2.799	93.0	2.9	0.7
1143	4/3/2016 06:31:05	13.24	46.08	29.87	8.10	8.07	4.3	2.865	93.1	3.4	0.8
1144	4/3/2016 06:46:06	13.15	46.35	30.06	8.20	8.07	3.9	2.927	94.2	4.1	1.0
1145	4/3/2016 07:01:06	13.04	46.82	30.39	8.18	8.08	4.0	2.993	93.9	3.2	0.8
1146	4/3/2016 07:16:07	12.91	47.40	30.81	8.27	8.09	5.4	3.060	95.0	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
1147	4/3/2016 07:31:05	12.89	47.49	30.88	8.24	8.09	5.0	3.118	94.6	3.7	0.9
1148	4/3/2016 07:46:06	12.85	47.59	30.95	8.27	8.10	5.4	3.181	94.9	3.7	0.9
1149	4/3/2016 08:01:06	12.82	47.63	30.97	8.27	8.10	4.7	3.241	94.8	3.1	0.7
1150	4/3/2016 08:16:06	12.75	47.76	31.07	8.28	8.10	4.3	3.291	94.9	4.3	1.0
1151	4/3/2016 08:31:06	12.73	47.84	31.12	8.32	8.10	3.7	3.330	95.4	3.3	0.8
1152	4/3/2016 08:46:06	12.70	47.86	31.14	8.27	8.10	3.8	3.365	94.7	2.8	0.7
1153	4/3/2016 09:01:06	12.69	47.91	31.17	8.22	8.10	2.9	3.380	94.1	2.9	0.7
1154	4/3/2016 09:16:06	12.68	47.94	31.19	8.20	8.09	3.1	3.384	93.9	2.8	0.7
1155	4/3/2016 09:31:06	12.67	47.95	31.20	8.24	8.09	4.0	3.370	94.3	3.2	0.8
1156	4/3/2016 09:46:06	12.74	47.83	31.12	8.29	8.09	3.7	3.332	95.0	2.9	0.7
1157	4/3/2016 10:01:05	13.01	47.10	30.60	8.32	8.09	3.9	3.291	95.6	3.0	0.7
1158	4/3/2016 10:16:06	13.34	46.30	30.03	8.34	8.09	4.0	3.220	96.1	3.2	0.8
1159	4/3/2016 10:31:06	13.16	46.75	30.35	8.32	8.09	4.3	3.145	95.8	2.9	0.7
1160	4/3/2016 10:46:06	13.11	46.80	30.38	8.33	8.09	4.9	3.069	95.8	4.0	1.0
1161	4/3/2016 11:01:06	13.43	46.21	29.97	8.34	8.09	4.3	2.977	96.3	3.2	0.8
1162	4/3/2016 11:16:06	13.62	45.85	29.71	8.29	8.08	4.6	2.889	96.0	3.9	0.9
1163	4/3/2016 11:31:06	13.87	45.92	29.77	8.57	8.10	3.8	2.798	99.7	2.6	0.6
1164	4/3/2016 11:46:06	14.03	45.84	29.72	8.61	8.10	3.6	2.699	100.4	3.0	0.7
1165	4/3/2016 12:01:06	14.16	45.65	29.59	8.61	8.10	3.7	2.602	100.7	3.2	0.8
1166	4/3/2016 12:16:06	14.27	45.65	29.59	8.68	8.10	4.7	2.491	101.7	3.0	0.7
1167	4/3/2016 12:31:05	14.43	45.28	29.32	8.74	8.11	5.9	2.392	102.5	3.3	0.8
1168	4/3/2016 12:46:06	14.63	45.02	29.15	8.76	8.11	5.5	2.282	103.1	3.4	0.8
1169	4/3/2016 13:01:06	14.88	44.99	29.13	8.87	8.12	5.1	2.173	104.9	3.4	0.8
1170	4/3/2016 13:16:06	15.27	45.17	29.26	9.00	8.13	4.3	2.058	107.4	3.5	0.8
1171	4/3/2016 13:31:05	15.24	44.94	29.10	8.97	8.13	4.5	1.944	106.8	4.0	0.9
1172	4/3/2016 13:46:05	15.46	44.79	28.99	9.04	8.13	4.3	1.846	108.1	3.5	0.8
1173	4/3/2016 14:01:05	15.43	44.60	28.86	9.12	8.14	3.8	1.750	108.9	3.2	0.8
1174	4/3/2016 14:16:05	15.78	44.57	28.84	9.23	8.15	3.8	1.651	111.0	3.2	0.8
1175	4/3/2016 14:31:05	15.63	44.30	28.65	9.13	8.14	3.4	1.572	109.2	3.5	0.8
1176	4/3/2016 14:46:05	15.63	44.26	28.61	9.16	8.14	3.5	1.519	109.6	3.4	0.8
1177	4/3/2016 15:01:05	15.58	44.25	28.61	8.91	8.13	2.0	1.482	106.6	3.0	0.7
1178	4/3/2016 15:16:05	15.28	44.32	28.65	8.93	8.13	2.5	1.444	106.2	3.8	0.9
1179	4/3/2016 15:31:05	15.19	44.35	28.67	8.99	8.13	3.2	1.450	106.7	3.4	0.8
1180	4/3/2016 15:46:06	15.30	44.41	28.72	8.98	8.13	3.6	1.478	106.8	3.6	0.8
1181	4/3/2016 16:01:05	15.71	44.44	28.75	9.15	8.15	7.3	1.493	109.7	4.4	1.0
1182	4/3/2016 16:16:05	15.70	44.37	28.69	9.18	8.14	5.0	1.533	110.1	4.3	1.0
1183	4/3/2016 16:31:06	15.55	44.35	28.68	9.12	8.14	4.3	1.596	109.0	4.1	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
1184	4/3/2016 16:46:05	15.78	43.81	28.30	9.02	8.14	5.9	1.661	108.0	4.9	1.2
1185	4/3/2016 17:01:05	15.72	43.68	28.20	8.99	8.13	5.3	1.727	107.5	4.0	0.9
1186	4/3/2016 17:16:05	15.66	43.56	28.11	8.86	8.12	6.1	1.802	105.8	4.6	1.1
1187	4/3/2016 17:31:05	15.56	43.75	28.25	8.83	8.12	5.5	1.878	105.3	4.8	1.1
1188	4/3/2016 17:46:05	15.45	44.03	28.45	8.84	8.11	4.7	1.961	105.3	3.7	0.9
1189	4/3/2016 18:01:05	15.13	44.36	28.68	8.75	8.11	4.0	2.043	103.8	3.7	0.9
1190	4/3/2016 18:16:05	14.62	45.01	29.14	8.59	8.09	4.2	2.127	101.1	3.2	0.8
1191	4/3/2016 18:31:05	14.41	45.26	29.31	8.57	8.09	4.5	2.207	100.5	3.5	0.8
1192	4/3/2016 18:46:06	14.26	45.46	29.45	8.55	8.09	4.8	2.302	100.0	3.5	0.8
1193	4/3/2016 19:01:06	14.20	45.54	29.51	8.55	8.09	5.0	2.386	100.0	3.9	0.9
1194	4/3/2016 19:16:06	14.12	45.67	29.60	8.49	8.09	4.6	2.481	99.1	4.1	1.0
1195	4/3/2016 19:31:06	14.14	45.67	29.60	8.49	8.09	5.6	2.566	99.2	4.2	1.0
1196	4/3/2016 19:46:06	14.15	45.73	29.64	8.49	8.09	5.0	2.644	99.3	4.3	1.0
1197	4/3/2016 20:01:06	14.01	45.89	29.76	8.44	8.09	6.4	2.734	98.5	4.4	1.0
1198	4/3/2016 20:16:06	13.94	46.15	29.94	8.49	8.09	8.0	2.811	99.0	5.0	1.2
1199	4/3/2016 20:31:06	13.90	46.28	30.03	8.52	8.10	8.0	2.894	99.3	4.4	1.0
1200	4/3/2016 20:46:06	13.81	46.47	30.17	8.61	8.10	7.8	2.974	100.2	4.4	1.1
1201	4/3/2016 21:01:06	13.63	46.79	30.39	8.66	8.11	8.1	3.050	100.6	5.2	1.2
1202	4/3/2016 21:16:06	13.29	47.45	30.86	8.75	8.12	9.5	3.123	101.2	5.8	1.4
1203	4/3/2016 21:31:06	13.13	47.84	31.14	8.87	8.14	8.1	3.182	102.5	6.1	1.5
1204	4/3/2016 21:46:06	13.04	48.07	31.30	9.06	8.15	7.0	3.254	104.6	6.9	1.6
1205	4/3/2016 22:01:06	12.99	48.28	31.45	9.06	8.16	5.9	3.304	104.6	7.3	1.7
1206	4/3/2016 22:16:06	12.96	48.37	31.52	9.09	8.17	6.2	3.338	104.9	6.6	1.6
1207	4/3/2016 22:31:06	12.96	48.38	31.52	8.95	8.16	3.3	3.354	103.3	7.4	1.8
1208	4/3/2016 22:46:06	12.96	48.40	31.54	8.97	8.16	4.8	3.356	103.6	5.9	1.4
1209	4/3/2016 23:01:06	12.96	48.36	31.51	9.00	8.16	4.5	3.332	103.8	5.7	1.3
1210	4/3/2016 23:16:06	13.01	48.22	31.41	9.01	8.16	7.7	3.273	104.0	5.5	1.3
1211	4/3/2016 23:31:06	13.27	47.38	30.81	8.68	8.13	9.3	3.208	100.3	5.3	1.3
1212	4/3/2016 23:46:06	13.44	46.94	30.50	8.56	8.12	8.9	3.134	99.1	4.4	1.0
1213	4/4/2016 00:01:05	13.52	46.81	30.41	8.47	8.11	8.4	3.051	98.2	4.2	1.0
1214	4/4/2016 00:16:06	13.75	46.28	30.03	8.38	8.09	8.3	2.958	97.4	3.6	0.9
1215	4/4/2016 00:31:06	13.86	46.08	29.89	8.32	8.09	7.2	2.872	96.8	3.7	0.9
1216	4/4/2016 00:46:06	14.03	45.84	29.72	8.23	8.08	7.5	2.788	96.1	3.3	0.8
1217	4/4/2016 01:01:06	14.06	45.78	29.68	8.32	8.08	6.5	2.706	97.1	3.8	0.9
1218	4/4/2016 01:16:06	14.04	45.64	29.57	8.17	8.07	6.5	2.612	95.3	3.4	0.8
1219	4/4/2016 01:31:05	14.16	45.45	29.45	8.19	8.07	6.5	2.523	95.7	3.4	0.8
1220	4/4/2016 01:46:06	14.16	45.44	29.43	8.19	8.07	8.3	2.443	95.7	3.2	0.8

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
1221	4/4/2016 02:01:06	14.54	44.85	29.02	8.23	8.08	7.2	2.358	96.6	3.8	0.9
1222	4/4/2016 02:16:06	14.51	44.88	29.04	8.25	8.08	7.0	2.264	96.8	4.2	1.0
1223	4/4/2016 02:31:05	14.51	44.78	28.97	8.19	8.08	6.6	2.190	96.1	3.5	0.8
1224	4/4/2016 02:46:06	14.73	44.50	28.77	8.28	8.08	6.1	2.115	97.4	3.5	0.8
1225	4/4/2016 03:01:06	14.76	44.42	28.72	8.20	8.08	6.0	2.046	96.5	4.0	0.9
1226	4/4/2016 03:16:06	14.87	44.28	28.62	8.21	8.09	6.2	2.002	96.8	3.9	0.9
1227	4/4/2016 03:31:06	14.97	44.17	28.54	8.23	8.09	5.9	1.961	97.2	4.1	1.0
1228	4/4/2016 03:46:06	15.02	44.10	28.49	8.26	8.09	5.8	1.938	97.6	3.7	0.9
1229	4/4/2016 04:01:06	14.91	44.20	28.56	8.15	8.08	5.0	1.928	96.1	3.8	0.9
1230	4/4/2016 04:16:06	14.84	44.21	28.56	8.29	8.09	5.4	1.959	97.6	3.7	0.9
1231	4/4/2016 04:31:06	14.78	44.39	28.70	8.23	8.08	5.7	1.984	96.8	4.1	1.0
1232	4/4/2016 04:46:06	14.72	44.42	28.72	8.13	8.07	5.9	2.025	95.6	3.9	0.9
1233	4/4/2016 05:01:06	14.67	44.50	28.77	8.14	8.07	6.0	2.091	95.6	3.3	0.8
1234	4/4/2016 05:16:06	14.66	44.47	28.75	8.20	8.07	5.4	2.158	96.4	3.2	0.8
1235	4/4/2016 05:31:06	14.60	44.61	28.85	8.13	8.07	5.6	2.231	95.4	3.5	0.8
1236	4/4/2016 05:46:06	14.54	44.71	28.92	8.18	8.07	5.6	2.302	95.9	3.9	0.9
1237	4/4/2016 06:01:06	14.37	45.06	29.16	8.11	8.07	7.4	2.379	95.0	3.9	0.9
1238	4/4/2016 06:16:06	14.22	45.30	29.34	8.11	8.07	6.1	2.460	94.8	3.5	0.8
1239	4/4/2016 06:31:06	14.08	45.54	29.51	8.12	8.07	5.4	2.528	94.8	3.0	0.7
1240	4/4/2016 06:46:06	13.99	45.78	29.67	8.19	8.07	6.5	2.602	95.4	3.7	0.9
1241	4/4/2016 07:01:06	13.92	45.85	29.73	8.25	8.07	5.5	2.672	96.1	3.2	0.8
1242	4/4/2016 07:16:06	13.79	46.10	29.90	8.25	8.08	5.8	2.756	95.9	3.2	0.8
1243	4/4/2016 07:31:06	13.71	46.28	30.03	8.33	8.08	5.3	2.824	96.8	3.3	0.8
1244	4/4/2016 07:46:06	13.61	46.56	30.23	8.29	8.09	5.7	2.898	96.2	3.3	0.8
1245	4/4/2016 08:01:06	13.49	46.80	30.40	8.39	8.09	6.4	2.974	97.3	3.8	0.9
1246	4/4/2016 08:16:06	13.35	47.03	30.56	8.45	8.10	6.5	3.051	97.8	3.7	0.9
1247	4/4/2016 08:31:06	13.29	47.21	30.69	8.48	8.11	6.9	3.130	98.0	4.0	1.0
1248	4/4/2016 08:46:06	13.23	47.31	30.76	8.45	8.11	6.4	3.195	97.6	3.7	0.9
1249	4/4/2016 09:01:06	13.11	47.48	30.87	8.55	8.11	6.2	3.274	98.5	3.1	0.7
1250	4/4/2016 09:16:06	13.03	47.61	30.97	8.52	8.12	6.1	3.339	98.1	3.8	0.9
1251	4/4/2016 09:31:06	12.93	47.84	31.13	8.61	8.12	5.7	3.390	99.1	4.1	1.0
1252	4/4/2016 09:46:06	12.80	48.06	31.29	8.67	8.13	5.7	3.432	99.6	4.3	1.0
1253	4/4/2016 10:01:06	12.76	48.19	31.37	8.76	8.14	4.5	3.461	100.6	5.4	1.3
1254	4/4/2016 10:16:06	12.73	48.26	31.42	8.58	8.13	4.9	3.480	98.4	5.3	1.3
1255	4/4/2016 10:31:05	12.72	48.31	31.46	8.66	8.13	4.0	3.470	99.4	4.6	1.1
1256	4/4/2016 10:46:06	12.75	48.23	31.41	8.72	8.14	4.1	3.427	100.1	4.1	1.0
1257	4/4/2016 11:01:06	13.00	47.86	31.15	8.66	8.13	5.0	3.373	99.8	4.3	1.0

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
1258	4/4/2016 11:16:06	13.44	47.26	30.73	8.71	8.13	5.9	3.299	101.0	3.8	0.9
1259	4/4/2016 11:31:06	13.73	47.26	30.74	8.89	8.14	8.0	3.208	103.8	4.2	1.0
1260	4/4/2016 11:46:06	13.74	47.35	30.80	8.84	8.14	8.6	3.108	103.3	4.4	1.0
1261	4/4/2016 12:01:06	13.93	46.72	30.35	8.78	8.13	6.8	3.019	102.6	3.5	0.8
1262	4/4/2016 12:16:06	14.03	46.53	30.22	8.81	8.13	7.3	2.912	103.1	3.7	0.9
1263	4/4/2016 12:31:06	14.33	46.29	30.05	8.90	8.13	8.4	2.822	104.7	3.1	0.7
1264	4/4/2016 12:46:06	14.51	46.26	30.04	8.97	8.14	8.4	2.707	105.9	3.0	0.7
1265	4/4/2016 13:01:06	14.65	46.12	29.94	8.95	8.14	9.5	2.590	105.9	3.8	0.9
1266	4/4/2016 13:16:06	14.85	46.10	29.93	8.86	8.14	12.8	2.479	105.2	3.8	0.9
1267	4/4/2016 13:31:06	15.06	45.33	29.38	8.88	8.13	13.4	2.351	105.5	4.2	1.0
1268	4/4/2016 13:46:06	15.23	45.19	29.28	8.89	8.13	16.6	2.227	106.0	4.1	1.0
1269	4/4/2016 14:01:06	15.43	45.08	29.20	8.81	8.14	19.1	2.105	105.5	4.6	1.1
1270	4/4/2016 14:16:06	15.64	44.92	29.09	8.74	8.14	18.6	1.974	104.9	5.0	1.2
1271	4/4/2016 14:31:05	15.72	44.74	28.96	8.70	8.13	21.9	1.854	104.6	4.5	1.1
1272	4/4/2016 14:46:05	15.81	44.56	28.84	8.64	8.12	22.5	1.738	103.9	4.6	1.1
1273	4/4/2016 15:01:05	15.96	44.70	28.94	8.64	8.12	21.1	1.631	104.2	4.8	1.1
1274	4/4/2016 15:16:05	15.88	44.48	28.78	8.53	8.11	25.9	1.527	102.7	4.7	1.1
1275	4/4/2016 15:31:05	15.87	44.52	28.81	8.51	8.11	16.9	1.455	102.5	5.4	1.3
1276	4/4/2016 15:46:05	15.92	44.56	28.84	8.43	8.11	15.8	1.399	101.7	4.7	1.1
1277	4/4/2016 16:01:05	15.99	44.47	28.78	8.39	8.10	13.5	1.352	101.2	4.1	1.0
1278	4/4/2016 16:16:05	16.03	44.45	28.76	8.38	8.10	12.5	1.355	101.2	4.9	1.2
1279	4/4/2016 16:31:05	16.02	44.53	28.82	8.49	8.11	12.4	1.371	102.5	4.7	1.1
1280	4/4/2016 16:46:05	16.00	44.56	28.83	8.47	8.11	13.7	1.405	102.3	5.1	1.2
1281	4/4/2016 17:01:05	15.95	44.49	28.79	8.51	8.11	14.8	1.455	102.6	4.5	1.1
1282	4/4/2016 17:16:05	16.10	44.36	28.69	8.50	8.11	15.1	1.527	102.8	5.7	1.3
1283	4/4/2016 17:31:05	16.01	44.42	28.73	8.47	8.11	13.4	1.587	102.2	4.9	1.2
1284	4/4/2016 17:46:05	15.98	44.41	28.73	8.47	8.11	11.7	1.679	102.1	5.4	1.3
1285	4/4/2016 18:01:05	15.88	44.49	28.79	8.47	8.11	11.2	1.749	102.0	4.9	1.2
1286	4/4/2016 18:16:05	16.00	44.27	28.63	8.53	8.11	12.0	1.819	102.8	4.9	1.2
1287	4/4/2016 18:31:05	16.00	44.10	28.51	8.53	8.11	10.9	1.927	102.8	4.8	1.2
1288	4/4/2016 18:46:05	15.93	44.19	28.57	8.47	8.11	10.6	2.011	101.9	4.5	1.1
1289	4/4/2016 19:01:05	15.73	44.39	28.71	8.49	8.10	10.8	2.095	101.9	3.8	0.9
1290	4/4/2016 19:16:05	15.53	44.65	28.89	8.54	8.10	12.1	2.198	102.2	4.0	1.0
1291	4/4/2016 19:31:05	15.38	44.79	28.99	8.59	8.11	12.5	2.295	102.6	4.8	1.1
1292	4/4/2016 19:46:05	15.29	44.72	28.94	8.64	8.11	14.2	2.398	103.0	5.1	1.2
1293	4/4/2016 20:01:06	14.76	45.59	29.56	8.66	8.10	8.9	2.497	102.4	4.4	1.0
1294	4/4/2016 20:16:06	14.68	45.70	29.63	8.64	8.11	12.2	2.594	102.1	4.1	1.0

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
1295	4/4/2016 20:31:06	14.52	45.86	29.74	8.60	8.11	15.8	2.695	101.3	5.2	1.2
1296	4/4/2016 20:46:06	14.40	46.04	29.87	8.60	8.11	13.9	2.795	101.2	4.1	1.0
1297	4/4/2016 21:01:06	14.32	46.17	29.96	8.61	8.11	15.6	2.881	101.2	5.0	1.2
1298	4/4/2016 21:16:06	14.18	46.38	30.12	8.65	8.12	16.2	2.975	101.5	5.4	1.3
1299	4/4/2016 21:31:06	13.91	46.86	30.45	8.82	8.13	18.5	3.054	103.2	5.2	1.2
1300	4/4/2016 21:46:06	13.62	47.50	30.91	8.99	8.15	16.9	3.132	104.7	6.1	1.5
1301	4/4/2016 22:01:06	13.50	47.80	31.12	9.06	8.17	14.1	3.215	105.5	5.3	1.3
1302	4/4/2016 22:16:05	13.40	47.96	31.23	9.04	8.17	12.3	3.276	105.1	6.1	1.4
1303	4/4/2016 22:31:06	13.35	48.09	31.32	9.11	8.18	9.0	3.340	105.9	6.6	1.6
1304	4/4/2016 22:46:06	13.29	48.17	31.38	9.07	8.18	8.2	3.399	105.3	5.2	1.2
1305	4/4/2016 23:01:06	13.26	48.24	31.43	9.05	8.18	6.2	3.428	105.1	5.8	1.4
1306	4/4/2016 23:16:06	13.25	48.29	31.46	8.93	8.18	5.8	3.441	103.6	7.6	1.8
1307	4/4/2016 23:31:06	13.28	48.20	31.40	8.93	8.17	6.6	3.428	103.7	5.7	1.4
1308	4/4/2016 23:46:05	13.27	48.23	31.42	8.99	8.17	8.0	3.397	104.4	5.6	1.3
1309	4/5/2016 00:01:06	13.36	47.96	31.23	8.92	8.17	8.3	3.338	103.6	4.5	1.1
1310	4/5/2016 00:16:06	13.41	47.62	30.99	8.82	8.16	11.9	3.269	102.4	5.1	1.2
1311	4/5/2016 00:31:06	13.45	47.62	30.99	8.86	8.16	11.0	3.172	103.0	5.1	1.2
1312	4/5/2016 00:46:06	13.44	47.64	31.00	8.84	8.16	10.4	3.065	102.7	5.2	1.2
1313	4/5/2016 01:01:06	13.66	47.00	30.55	8.74	8.14	8.2	2.987	101.7	4.4	1.0
1314	4/5/2016 01:16:06	13.92	46.45	30.16	8.55	8.12	9.0	2.869	99.8	4.1	1.0
1315	4/5/2016 01:31:06	13.95	46.35	30.08	8.51	8.11	8.7	2.769	99.4	4.3	1.0
1316	4/5/2016 01:46:05	13.99	46.23	30.00	8.43	8.11	10.3	2.670	98.4	4.6	1.1
1317	4/5/2016 02:01:05	14.12	45.88	29.75	8.42	8.10	10.1	2.563	98.5	4.6	1.1
1318	4/5/2016 02:16:06	14.43	45.37	29.39	8.28	8.10	12.4	2.448	97.2	4.0	0.9
1319	4/5/2016 02:31:05	14.25	45.55	29.52	8.21	8.09	12.1	2.343	96.1	3.8	0.9
1320	4/5/2016 02:46:05	14.37	45.32	29.36	8.23	8.09	13.3	2.240	96.5	4.8	1.1
1321	4/5/2016 03:01:05	14.29	45.37	29.39	8.15	8.09	13.2	2.122	95.4	4.0	0.9
1322	4/5/2016 03:16:05	14.51	45.09	29.19	8.04	8.08	12.8	2.024	94.4	3.9	0.9
1323	4/5/2016 03:31:05	14.59	44.91	29.07	8.00	8.07	13.8	1.917	94.1	4.5	1.1
1324	4/5/2016 03:46:05	14.60	44.85	29.02	7.98	8.07	13.9	1.816	93.7	4.2	1.0
1325	4/5/2016 04:01:05	14.64	44.74	28.94	7.94	8.07	13.3	1.741	93.4	4.3	1.0
1326	4/5/2016 04:16:05	14.73	44.62	28.86	7.89	8.07	13.7	1.688	92.9	4.8	1.1
1327	4/5/2016 04:31:05	14.83	44.54	28.81	7.80	8.06	11.1	1.666	92.0	4.3	1.0
1328	4/5/2016 04:46:06	14.83	44.53	28.79	7.73	8.06	11.1	1.630	91.2	4.8	1.1
1329	4/5/2016 05:01:06	14.79	44.54	28.80	7.82	8.07	10.9	1.647	92.2	4.2	1.0
1330	4/5/2016 05:16:06	14.79	44.57	28.83	7.84	8.07	11.5	1.690	92.4	4.7	1.1
1331	4/5/2016 05:31:06	14.83	44.59	28.84	7.93	8.07	11.5	1.733	93.5	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	4/5/2016 05:46:06	14.80	44.62	28.86	7.89	8.07	10.8	1.794	93.0	3.4	0.8
1333	4/5/2016 06:01:06	14.74	44.37	28.68	7.85	8.07	11.9	1.882	92.3	4.7	1.1
1334	4/5/2016 06:16:05	14.74	44.38	28.69	7.91	8.06	12.3	1.976	93.0	4.4	1.0
1335	4/5/2016 06:31:05	14.73	44.44	28.73	7.92	8.06	13.0	2.044	93.1	4.2	1.0
1336	4/5/2016 06:46:06	14.59	44.85	29.02	8.04	8.07	13.7	2.133	94.5	4.4	1.0
1337	4/5/2016 07:01:06	14.51	45.06	29.17	8.09	8.07	11.7	2.214	94.9	3.9	0.9
1338	4/5/2016 07:16:06	14.36	45.39	29.40	8.11	8.08	9.7	2.301	95.1	4.0	1.0
1339	4/5/2016 07:31:06	14.23	45.69	29.62	8.21	8.09	10.1	2.383	96.1	3.5	0.8
1340	4/5/2016 07:46:06	14.16	45.85	29.73	8.33	8.10	9.7	2.479	97.4	3.5	0.8
1341	4/5/2016 08:01:06	14.03	46.10	29.91	8.34	8.10	9.2	2.572	97.5	3.5	0.8
1342	4/5/2016 08:16:06	13.98	46.21	29.99	8.35	8.10	8.3	2.653	97.5	4.1	1.0
1343	4/5/2016 08:31:06	13.91	46.40	30.12	8.38	8.11	9.8	2.750	97.8	4.3	1.0
	Mean	13.42	42.43	27.27	8.21	8.06	10.82	2.57	93.20	3.38	0.80
	Minimum	11.39	35.39	22.34	7.47	7.92	2.00	1.35	83.50	1.50	0.40
	Maximum	16.10	48.40	31.54	9.23	8.18	69.40	3.70	111.00	7.60	1.80

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 #1

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	4/5/2016 08:46:40	13.92	45.51	29.48	8.54	7.94	9.9	2.486	99.3	4.0	0.9
1	4/5/2016 09:01:40	13.78	45.65	29.57	8.56	7.96	11.0	2.571	99.3	4.1	1.0
2	4/5/2016 09:16:40	13.60	45.95	29.79	8.58	7.96	11.0	2.666	99.2	3.5	0.8
3	4/5/2016 09:31:39	13.50	46.01	29.82	8.57	7.97	12.0	2.752	99.0	4.4	1.0
4	4/5/2016 09:46:40	13.38	46.26	30.00	8.57	7.97	10.6	2.833	98.9	4.7	1.1
5	4/5/2016 10:01:40	13.07	46.70	30.31	8.50	7.97	11.4	2.924	97.6	5.3	1.2
6	4/5/2016 10:16:40	12.71	47.31	30.73	8.36	7.96	10.0	3.002	95.5	5.9	1.4
7	4/5/2016 10:31:40	12.55	47.58	30.92	8.25	7.96	11.2	3.096	94.1	6.2	1.5
8	4/5/2016 10:46:40	12.44	47.80	31.08	8.26	7.97	9.2	3.394	94.1	5.5	1.3
9	4/5/2016 11:01:40	12.36	47.74	31.03	8.32	7.97	7.5	3.425	94.5	5.8	1.4
10	4/5/2016 11:16:39	12.37	47.89	31.14	8.21	7.97	5.6	3.447	93.4	5.4	1.3
11	4/5/2016 11:31:40	12.38	47.88	31.14	8.09	7.97	5.2	3.440	92.1	4.7	1.1
12	4/5/2016 11:46:40	12.39	47.91	31.16	8.17	7.97	6.8	3.398	93.0	4.3	1.0
13	4/5/2016 12:01:40	12.93	47.27	30.72	8.51	7.99	8.1	3.328	97.7	5.0	1.2
14	4/5/2016 12:16:40	13.34	47.21	30.69	8.72	8.00	13.0	3.252	100.9	5.3	1.2
15	4/5/2016 12:31:40	13.42	47.12	30.62	8.74	8.01	14.0	3.160	101.3	5.0	1.2
16	4/5/2016 12:46:40	13.37	47.26	30.72	8.79	8.01	14.6	3.052	101.8	5.1	1.2
17	4/5/2016 13:01:40	13.84	46.70	30.34	8.87	8.02	13.9	2.941	103.4	5.7	1.3
18	4/5/2016 13:16:39	14.11	46.34	30.08	8.90	8.02	14.4	2.835	104.2	4.8	1.1
19	4/5/2016 13:31:39	14.37	45.64	29.58	8.92	8.02	17.2	2.733	104.7	4.6	1.1
20	4/5/2016 13:46:40	14.46	46.02	29.86	9.00	8.03	17.0	2.601	106.0	5.0	1.2
21	4/5/2016 14:01:40	14.53	45.90	29.78	8.99	8.03	17.5	2.469	105.9	5.2	1.2
22	4/5/2016 14:16:39	14.77	45.41	29.43	8.95	8.03	20.1	2.344	105.8	4.7	1.1
23	4/5/2016 14:31:40	15.20	44.99	29.13	8.88	8.02	21.4	2.206	105.7	4.8	1.1
24	4/5/2016 14:46:39	15.47	44.54	28.82	8.77	8.01	22.5	2.074	104.7	5.7	1.3
25	4/5/2016 15:01:40	15.67	44.59	28.85	8.63	8.01	24.5	1.938	103.5	4.9	1.1
26	4/5/2016 15:16:39	15.73	44.29	28.64	8.56	8.00	24.7	1.800	102.6	5.8	1.4
27	4/5/2016 15:31:40	15.90	44.26	28.62	8.59	8.00	23.1	1.672	103.4	4.9	1.2
28	4/5/2016 15:46:40	15.84	44.03	28.46	8.45	7.98	25.6	1.524	101.5	5.1	1.2
29	4/5/2016 16:01:40	15.87	43.99	28.43	8.41	7.98	21.3	1.438	101.0	4.9	1.1
30	4/5/2016 16:16:40	16.00	43.93	28.38	8.39	7.98	22.0	1.334	101.0	5.2	1.2
31	4/5/2016 16:31:40	16.04	43.87	28.34	8.31	7.98	18.4	1.246	100.2	4.5	1.1
32	4/5/2016 16:46:40	16.10	43.84	28.32	8.29	7.98	15.7	1.194	100.0	4.7	1.1
33	4/5/2016 17:01:40	16.15	43.91	28.37	8.42	7.98	15.3	1.190	101.7	5.3	1.2
34	4/5/2016 17:16:40	16.12	43.95	28.40	8.45	7.99	14.9	1.205	102.0	5.3	1.2
35	4/5/2016 17:31:40	16.02	43.88	28.35	8.36	7.98	15.9	1.245	100.7	4.9	1.1
36	4/5/2016 17:46:39	15.99	43.60	28.15	8.38	7.97	15.2	1.317	100.7	5.1	1.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	4/5/2016 18:01:40	16.00	43.82	28.31	8.39	7.97	15.0	1.394	101.0	5.3	1.2
38	4/5/2016 18:16:40	15.94	43.92	28.38	8.34	7.97	14.5	1.469	100.3	5.2	1.2
39	4/5/2016 18:31:40	16.01	43.56	28.12	8.38	7.97	14.9	1.560	100.8	5.2	1.2
40	4/5/2016 18:46:39	15.96	43.65	28.18	8.38	7.97	16.7	1.641	100.8	4.8	1.1
41	4/5/2016 19:01:39	15.96	43.54	28.11	8.38	7.97	13.2	1.731	100.7	5.1	1.2
42	4/5/2016 19:16:40	15.81	43.91	28.37	8.37	7.97	17.5	1.829	100.4	4.8	1.1
43	4/5/2016 19:31:40	15.64	44.07	28.48	8.41	7.98	13.6	1.933	100.6	5.3	1.3
44	4/5/2016 19:46:40	15.23	44.71	28.93	8.50	7.98	13.9	2.035	101.1	5.5	1.3
45	4/5/2016 20:01:40	15.20	44.62	28.87	8.53	7.99	14.0	2.125	101.4	6.2	1.5
46	4/5/2016 20:16:40	15.05	44.84	29.02	8.67	8.00	14.8	2.252	102.8	5.4	1.3
47	4/5/2016 20:31:40	14.87	45.10	29.20	8.78	8.01	16.9	2.356	103.9	5.2	1.2
48	4/5/2016 20:46:40	14.70	45.40	29.42	8.77	8.01	17.0	2.457	103.5	5.6	1.3
49	4/5/2016 21:01:40	14.53	45.62	29.57	8.74	8.01	15.5	2.569	102.9	4.5	1.1
50	4/5/2016 21:16:40	14.43	45.68	29.62	8.73	8.01	20.7	2.677	102.6	5.3	1.2
51	4/5/2016 21:31:40	14.23	45.89	29.76	8.78	8.01	23.6	2.775	102.9	5.3	1.3
52	4/5/2016 21:46:40	14.08	46.01	29.84	8.77	8.01	20.2	2.885	102.6	5.4	1.3
53	4/5/2016 22:01:40	13.46	47.14	30.64	8.70	8.01	22.3	2.991	100.9	5.6	1.3
54	4/5/2016 22:16:40	13.15	47.70	31.03	8.67	8.01	15.9	3.091	100.1	4.7	1.1
55	4/5/2016 22:31:40	13.00	47.93	31.20	8.66	8.01	11.6	3.193	99.8	4.6	1.1
56	4/5/2016 22:46:40	12.95	47.94	31.20	8.64	8.01	11.6	3.283	99.5	4.9	1.2
57	4/5/2016 23:01:40	12.85	48.11	31.32	8.61	8.00	11.0	3.371	99.1	5.4	1.3
58	4/5/2016 23:16:40	12.67	48.30	31.45	8.61	8.00	9.4	3.447	98.7	5.1	1.2
59	4/5/2016 23:31:40	12.47	48.53	31.61	8.64	8.00	8.4	3.497	98.8	4.6	1.1
60	4/5/2016 23:46:40	12.28	48.63	31.67	8.69	7.99	6.5	3.534	99.0	4.3	1.0
61	4/6/2016 00:01:40	12.22	48.73	31.74	8.53	7.99	5.3	3.549	97.1	3.8	0.9
62	4/6/2016 00:16:40	12.26	48.72	31.74	8.56	7.98	5.9	3.534	97.5	4.8	1.1
63	4/6/2016 00:31:40	12.61	48.24	31.40	8.50	7.99	7.2	3.491	97.3	3.7	0.9
64	4/6/2016 00:46:40	13.02	47.62	30.97	8.50	8.00	9.7	3.419	97.9	4.3	1.0
65	4/6/2016 01:01:40	13.33	47.23	30.70	8.48	8.00	9.8	3.333	98.1	4.3	1.0
66	4/6/2016 01:16:40	13.40	47.03	30.56	8.47	8.00	10.9	3.223	98.0	4.3	1.0
67	4/6/2016 01:31:40	13.38	47.20	30.68	8.43	8.00	17.0	3.113	97.6	4.4	1.0
68	4/6/2016 01:46:40	13.71	46.46	30.16	8.46	8.00	16.2	2.986	98.4	4.5	1.1
69	4/6/2016 02:01:40	14.01	45.97	29.81	8.41	7.99	16.4	2.864	98.1	4.4	1.0
70	4/6/2016 02:16:40	14.03	45.79	29.68	8.38	7.99	13.6	2.754	97.7	4.3	1.0
71	4/6/2016 02:31:40	13.97	45.83	29.71	8.33	7.99	8.7	2.622	97.0	3.7	0.9
72	4/6/2016 02:46:40	14.08	45.62	29.56	8.36	7.99	10.1	2.487	97.6	3.9	0.9
73	4/6/2016 03:01:40	14.40	45.38	29.40	8.31	7.99	12.8	2.372	97.5	3.7	0.9

sonde #1

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	4/6/2016 03:16:40	14.18	45.49	29.47	8.29	7.98	10.6	2.233	96.9	3.9	0.9
75	4/6/2016 03:31:40	14.36	45.34	29.37	8.24	7.98	11.9	2.112	96.6	4.1	1.0
76	4/6/2016 03:46:41	14.23	45.44	29.44	8.20	7.98	11.7	1.983	95.9	4.4	1.0
77	4/6/2016 04:01:40	14.58	44.94	29.09	8.10	7.97	12.4	1.848	95.2	4.3	1.0
78	4/6/2016 04:16:40	14.78	44.54	28.81	8.02	7.96	13.7	1.721	94.5	4.2	1.0
79	4/6/2016 04:31:40	14.81	44.53	28.80	7.96	7.96	13.2	1.599	93.8	4.0	1.0
80	4/6/2016 04:46:40	14.94	44.34	28.66	7.90	7.95	12.2	1.500	93.2	4.3	1.0
81	4/6/2016 05:01:40	14.96	44.29	28.63	7.84	7.95	11.7	1.409	92.6	4.2	1.0
82	4/6/2016 05:16:40	15.06	44.16	28.54	7.74	7.94	12.0	1.338	91.5	3.4	0.8
83	4/6/2016 05:31:40	15.09	44.18	28.55	7.68	7.94	9.7	1.310	90.9	4.4	1.0
84	4/6/2016 05:46:40	15.07	44.06	28.46	7.86	7.94	11.0	1.310	92.9	4.4	1.0
85	4/6/2016 06:01:40	15.03	44.06	28.46	7.88	7.95	10.0	1.327	93.1	3.6	0.8
86	4/6/2016 06:16:40	15.02	44.28	28.62	7.92	7.95	9.5	1.372	93.7	4.4	1.0
87	4/6/2016 06:31:40	14.99	44.17	28.54	7.94	7.95	10.1	1.452	93.8	4.3	1.0
88	4/6/2016 06:46:40	14.91	44.07	28.47	7.91	7.95	11.0	1.554	93.3	3.7	0.9
89	4/6/2016 07:01:40	14.91	43.97	28.40	7.85	7.94	11.1	1.636	92.5	3.8	0.9
90	4/6/2016 07:16:40	14.87	43.74	28.23	7.84	7.93	11.1	1.742	92.1	3.5	0.8
91	4/6/2016 07:31:40	14.87	44.08	28.47	7.89	7.94	11.8	1.846	92.9	4.1	1.0
92	4/6/2016 07:46:40	14.63	44.75	28.95	8.03	7.96	12.2	1.949	94.4	3.3	0.8
93	4/6/2016 08:01:40	14.60	44.56	28.81	8.02	7.96	9.5	2.049	94.1	4.2	1.0
94	4/6/2016 08:16:40	14.36	45.35	29.38	8.18	7.98	11.1	2.147	95.9	3.7	0.9
95	4/6/2016 08:31:40	14.26	45.61	29.56	8.30	7.99	9.8	2.252	97.2	3.9	0.9
96	4/6/2016 08:46:40	14.21	45.70	29.62	8.33	7.99	9.1	2.362	97.5	4.2	1.0
97	4/6/2016 09:01:40	14.17	45.86	29.74	8.35	7.99	10.0	2.457	97.7	3.8	0.9
98	4/6/2016 09:16:40	14.03	45.98	29.82	8.35	7.99	11.6	2.551	97.5	3.7	0.9
99	4/6/2016 09:31:40	13.91	46.20	29.98	8.34	7.99	14.2	2.659	97.2	4.1	1.0
100	4/6/2016 09:46:40	13.73	46.38	30.10	8.36	7.99	16.9	2.758	97.1	4.5	1.1
101	4/6/2016 10:01:40	13.57	46.67	30.30	8.40	7.99	14.6	2.853	97.5	4.6	1.1
102	4/6/2016 10:16:41	13.40	46.91	30.47	8.41	7.99	14.4	2.958	97.3	4.3	1.0
103	4/6/2016 10:31:40	12.82	47.66	30.99	8.24	7.97	16.6	3.055	94.5	5.7	1.3
104	4/6/2016 10:46:40	12.55	48.11	31.31	8.18	7.97	13.5	3.154	93.5	4.8	1.1
105	4/6/2016 11:01:41	12.32	48.34	31.47	8.13	7.96	12.6	3.250	92.6	5.0	1.2
106	4/6/2016 11:16:40	12.24	48.52	31.59	8.07	7.96	10.0	3.330	91.8	4.0	0.9
107	4/6/2016 11:31:40	12.15	48.56	31.62	8.00	7.95	9.5	3.404	90.8	4.8	1.1
108	4/6/2016 11:46:40	11.84	48.80	31.78	7.83	7.93	8.1	3.465	88.4	5.4	1.3
109	4/6/2016 12:01:40	11.60	49.14	32.01	7.73	7.92	5.6	3.502	87.0	4.9	1.2
110	4/6/2016 12:16:40	11.58	49.02	31.93	7.65	7.91	4.1	3.510	86.0	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	4/6/2016 12:31:41	11.65	49.13	32.01	7.59	7.91	6.1	3.498	85.5	4.0	0.9
112	4/6/2016 12:46:41	12.80	48.22	31.40	8.07	7.96	7.2	3.455	92.7	3.9	0.9
113	4/6/2016 13:01:40	13.45	47.91	31.20	8.74	8.02	8.3	3.388	101.7	3.7	0.9
114	4/6/2016 13:16:40	13.70	47.71	31.06	8.69	8.02	8.5	3.293	101.6	4.0	0.9
115	4/6/2016 13:31:40	13.84	47.50	30.92	8.60	8.01	7.3	3.182	100.7	3.5	0.8
116	4/6/2016 13:46:40	13.80	47.54	30.94	8.65	8.01	7.8	3.074	101.2	3.7	0.9
117	4/6/2016 14:01:40	14.33	47.12	30.65	8.87	8.03	7.0	2.960	104.7	3.6	0.8
118	4/6/2016 14:16:40	14.71	46.94	30.53	8.96	8.04	7.1	2.830	106.5	3.4	0.8
119	4/6/2016 14:31:40	14.71	46.77	30.41	9.09	8.05	6.8	2.706	107.9	3.7	0.9
120	4/6/2016 14:46:40	14.95	46.58	30.27	9.13	8.05	7.0	2.580	108.9	3.5	0.8
121	4/6/2016 15:01:40	15.23	46.21	30.01	9.11	8.05	8.4	2.451	109.1	4.1	1.0
122	4/6/2016 15:16:40	15.43	45.96	29.84	9.13	8.05	9.1	2.330	109.6	4.2	1.0
123	4/6/2016 15:31:40	15.64	45.90	29.80	9.12	8.05	9.8	2.196	110.0	4.3	1.0
124	4/6/2016 15:46:40	15.88	45.56	29.56	9.15	8.05	9.8	2.063	110.7	4.3	1.0
125	4/6/2016 16:01:40	16.25	45.72	29.68	9.14	8.06	9.4	1.927	111.4	4.3	1.0
126	4/6/2016 16:16:40	16.37	45.03	29.18	9.12	8.06	9.8	1.805	111.2	4.4	1.0
127	4/6/2016 16:31:40	16.79	45.26	29.35	9.23	8.06	10.2	1.666	113.5	4.5	1.1
128	4/6/2016 16:46:40	16.85	44.88	29.08	9.05	8.05	11.1	1.543	111.3	4.6	1.1
129	4/6/2016 17:01:40	16.94	44.71	28.96	9.02	8.05	10.5	1.439	111.0	4.2	1.0
130	4/6/2016 17:16:39	16.99	44.58	28.86	9.04	8.05	9.8	1.361	111.3	4.0	0.9
131	4/6/2016 17:31:40	17.12	44.61	28.89	8.97	8.05	8.6	1.290	110.8	4.0	0.9
132	4/6/2016 17:46:40	17.15	44.53	28.83	8.90	8.05	7.2	1.262	109.9	3.6	0.8
133	4/6/2016 18:01:40	17.17	44.59	28.87	9.10	8.06	8.2	1.272	112.4	4.6	1.1
134	4/6/2016 18:16:40	16.98	44.61	28.88	9.03	8.05	8.1	1.296	111.2	4.2	1.0
135	4/6/2016 18:31:39	16.84	44.56	28.85	8.96	8.04	9.5	1.364	110.0	4.5	1.1
136	4/6/2016 18:46:40	16.85	44.63	28.90	9.02	8.04	8.9	1.439	110.8	4.9	1.2
137	4/6/2016 19:01:40	16.89	44.35	28.70	8.87	8.03	8.6	1.529	108.9	4.5	1.1
138	4/6/2016 19:16:40	16.82	44.38	28.71	8.82	8.02	8.6	1.646	108.2	5.1	1.2
139	4/6/2016 19:31:40	16.74	44.40	28.73	8.78	8.02	8.7	1.732	107.5	4.8	1.1
140	4/6/2016 19:46:40	16.35	44.75	28.98	8.78	8.02	9.8	1.840	106.9	4.9	1.2
141	4/6/2016 20:01:40	16.23	44.90	29.09	8.80	8.02	8.0	1.955	106.9	4.4	1.0
142	4/6/2016 20:16:40	15.96	45.17	29.28	8.82	8.02	7.9	2.068	106.7	5.5	1.3
143	4/6/2016 20:31:40	15.42	45.65	29.62	8.83	8.02	11.0	2.175	105.8	5.0	1.2
144	4/6/2016 20:46:40	15.20	45.89	29.79	8.80	8.02	8.7	2.284	105.2	4.3	1.0
145	4/6/2016 21:01:40	15.13	45.79	29.71	8.83	8.03	9.8	2.396	105.3	5.3	1.2
146	4/6/2016 21:16:40	14.98	46.08	29.92	8.77	8.02	11.2	2.504	104.5	4.5	1.1
147	4/6/2016 21:31:40	14.81	46.40	30.15	8.70	8.02	11.3	2.607	103.4	4.3	1.0

sonde #1

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	4/6/2016 21:46:40	14.54	46.62	30.30	8.70	8.01	15.3	2.719	102.9	4.9	1.1
149	4/6/2016 22:01:40	14.28	46.91	30.50	8.63	8.01	14.1	2.833	101.7	5.4	1.3
150	4/6/2016 22:16:40	13.96	47.30	30.77	8.54	7.99	14.2	2.945	100.2	4.8	1.1
151	4/6/2016 22:31:40	13.15	48.13	31.35	8.25	7.96	15.0	3.064	95.5	4.6	1.1
152	4/6/2016 22:46:40	12.79	48.52	31.62	8.14	7.95	13.0	3.180	93.7	3.8	0.9
153	4/6/2016 23:01:40	12.62	48.70	31.74	8.05	7.94	13.2	3.300	92.4	3.9	0.9
154	4/6/2016 23:16:41	12.29	48.98	31.93	7.88	7.93	11.5	3.415	89.9	3.7	0.9
155	4/6/2016 23:31:40	11.85	49.19	32.06	7.69	7.92	9.9	3.504	87.0	3.2	0.8
156	4/6/2016 23:46:40	11.56	49.42	32.21	7.56	7.90	7.3	3.595	85.0	2.8	0.7
157	4/7/2016 00:01:40	11.44	49.50	32.26	7.48	7.90	6.4	3.668	84.0	2.5	0.6
158	4/7/2016 00:16:40	11.32	49.54	32.29	7.39	7.89	5.4	3.710	82.8	2.6	0.6
159	4/7/2016 00:31:40	11.28	49.50	32.25	7.31	7.89	4.2	3.739	81.9	2.2	0.5
160	4/7/2016 00:46:41	11.38	49.54	32.29	7.30	7.89	4.6	3.742	81.9	2.5	0.6
161	4/7/2016 01:01:41	11.36	49.56	32.30	7.21	7.88	6.7	3.708	80.8	2.5	0.6
162	4/7/2016 01:16:40	12.43	48.74	31.76	7.68	7.92	8.7	3.645	87.8	2.6	0.6
163	4/7/2016 01:31:40	12.57	48.49	31.58	7.88	7.94	8.3	3.561	90.2	2.2	0.5
164	4/7/2016 01:46:40	12.79	48.28	31.44	7.92	7.95	7.2	3.458	91.0	2.9	0.7
165	4/7/2016 02:01:40	13.11	47.82	31.12	7.98	7.95	7.0	3.333	92.1	3.2	0.8
166	4/7/2016 02:16:40	13.37	47.81	31.12	7.99	7.96	15.4	3.214	92.7	3.6	0.8
167	4/7/2016 02:31:40	14.09	46.77	30.39	8.20	7.98	9.0	3.083	96.2	3.4	0.8
168	4/7/2016 02:46:40	14.13	46.80	30.42	8.13	7.97	10.4	2.946	95.5	3.2	0.7
169	4/7/2016 03:01:40	14.28	46.73	30.37	8.18	7.98	9.4	2.813	96.3	3.5	0.8
170	4/7/2016 03:16:40	14.54	46.22	30.00	8.18	7.98	8.2	2.679	96.6	2.8	0.7
171	4/7/2016 03:31:40	14.21	46.73	30.37	8.14	7.97	8.3	2.529	95.7	3.2	0.8
172	4/7/2016 03:46:40	14.14	46.80	30.42	8.08	7.97	8.4	2.400	94.9	3.1	0.7
173	4/7/2016 04:01:40	14.86	46.01	29.86	8.18	7.98	10.8	2.257	97.1	3.4	0.8
174	4/7/2016 04:16:40	14.66	46.08	29.91	8.15	7.98	10.0	2.118	96.4	3.3	0.8
175	4/7/2016 04:31:40	14.90	45.74	29.67	8.19	7.98	11.2	1.975	97.3	4.1	1.0
176	4/7/2016 04:46:40	15.30	45.57	29.56	8.17	7.99	11.9	1.825	97.6	3.8	0.9
177	4/7/2016 05:01:40	15.24	45.48	29.49	8.12	7.98	11.7	1.673	97.0	4.5	1.1
178	4/7/2016 05:16:40	15.45	45.37	29.41	8.13	7.98	12.0	1.541	97.4	3.6	0.8
179	4/7/2016 05:31:40	15.66	45.17	29.27	8.17	7.99	11.9	1.409	98.2	3.4	0.8
180	4/7/2016 05:46:40	15.84	45.00	29.15	8.15	7.99	11.2	1.294	98.3	3.6	0.8
181	4/7/2016 06:01:39	15.91	44.78	29.00	8.15	7.99	14.5	1.193	98.4	3.7	0.9
182	4/7/2016 06:16:39	15.96	44.83	29.03	8.12	7.99	11.2	1.142	98.1	3.6	0.8
183	4/7/2016 06:31:40	15.93	44.87	29.06	7.88	7.98	8.9	1.122	95.1	3.6	0.8
184	4/7/2016 06:46:40	15.89	44.91	29.09	8.14	7.99	10.3	1.136	98.2	3.9	0.9

sonde #1

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	4/7/2016 07:01:39	15.84	44.90	29.08	8.16	7.99	8.1	1.191	98.3	3.3	0.8
186	4/7/2016 07:16:40	15.79	45.02	29.17	8.18	7.99	8.9	1.280	98.5	3.7	0.9
187	4/7/2016 07:31:40	15.74	45.08	29.21	8.16	7.99	8.9	1.374	98.3	3.3	0.8
188	4/7/2016 07:46:40	15.79	44.58	28.85	7.96	7.96	10.1	1.483	95.7	3.7	0.9
189	4/7/2016 08:01:40	15.77	44.53	28.82	7.95	7.96	10.2	1.585	95.5	3.2	0.8
190	4/7/2016 08:16:40	15.67	44.69	28.93	8.03	7.97	11.3	1.706	96.3	3.4	0.8
191	4/7/2016 08:31:40	15.54	45.18	29.28	8.04	7.97	10.0	1.810	96.5	3.7	0.9
192	4/7/2016 08:46:40	15.33	45.45	29.47	8.06	7.97	8.7	1.918	96.4	3.7	0.9
193	4/7/2016 09:01:40	14.90	45.99	29.85	8.06	7.97	10.6	2.032	95.8	3.3	0.8
194	4/7/2016 09:16:40	14.77	46.25	30.03	8.13	7.97	9.1	2.143	96.5	3.1	0.7
195	4/7/2016 09:31:40	14.70	46.38	30.12	8.15	7.98	8.4	2.253	96.7	3.7	0.9
196	4/7/2016 09:46:40	14.66	46.42	30.15	8.18	7.98	9.8	2.357	96.9	3.3	0.8
197	4/7/2016 10:01:40	14.46	46.67	30.33	8.15	7.97	10.9	2.470	96.3	3.5	0.8
198	4/7/2016 10:16:40	14.34	46.75	30.38	8.09	7.97	12.3	2.569	95.4	3.3	0.8
199	4/7/2016 10:31:40	14.17	46.85	30.45	8.08	7.96	15.0	2.679	95.0	4.1	1.0
200	4/7/2016 10:46:40	13.92	47.09	30.62	8.06	7.96	15.6	2.788	94.3	3.8	0.9
201	4/7/2016 11:01:40	13.59	47.44	30.86	7.98	7.95	16.0	2.893	92.9	4.3	1.0
202	4/7/2016 11:16:40	12.82	48.23	31.41	7.80	7.93	16.9	3.004	89.7	4.5	1.1
203	4/7/2016 11:31:40	12.60	48.52	31.61	7.75	7.93	18.3	3.114	88.9	4.6	1.1
204	4/7/2016 11:46:40	12.53	48.59	31.65	7.71	7.93	17.5	3.216	88.3	4.9	1.2
205	4/7/2016 12:01:40	12.32	48.74	31.75	7.78	7.93	16.1	3.320	88.8	4.4	1.0
206	4/7/2016 12:16:40	12.02	48.99	31.92	7.79	7.93	12.3	3.401	88.3	4.7	1.1
207	4/7/2016 12:31:41	11.86	49.22	32.08	7.78	7.93	8.5	3.470	88.1	4.0	0.9
208	4/7/2016 12:46:41	11.66	49.42	32.21	7.71	7.93	5.7	3.517	87.0	4.7	1.1
209	4/7/2016 13:01:41	11.66	49.43	32.23	7.69	7.93	4.6	3.552	86.8	4.7	1.1
210	4/7/2016 13:16:40	11.88	49.24	32.09	7.67	7.93	5.6	3.554	86.8	4.9	1.1
211	4/7/2016 13:31:40	11.79	49.33	32.16	7.58	7.92	6.1	3.533	85.7	3.8	0.9
212	4/7/2016 13:46:40	12.80	48.70	31.75	7.92	7.95	7.8	3.475	91.2	2.5	0.6
213	4/7/2016 14:01:40	13.67	48.22	31.43	8.13	7.97	8.0	3.396	95.2	3.2	0.8
214	4/7/2016 14:16:40	13.98	47.99	31.27	8.27	7.98	7.9	3.299	97.4	3.2	0.8
215	4/7/2016 14:31:40	13.43	48.29	31.47	8.07	7.96	9.5	3.195	94.0	3.5	0.8
216	4/7/2016 14:46:40	14.42	47.64	31.03	8.44	8.00	8.2	3.074	100.0	3.5	0.8
217	4/7/2016 15:01:40	15.08	47.25	30.77	8.42	8.00	9.5	2.953	101.0	2.9	0.7
218	4/7/2016 15:16:40	14.85	47.28	30.78	8.58	8.01	7.2	2.829	102.5	3.2	0.8
219	4/7/2016 15:31:40	14.91	47.27	30.77	8.65	8.01	7.8	2.699	103.4	3.4	0.8
220	4/7/2016 15:46:40	15.06	47.14	30.68	8.69	8.02	7.0	2.577	104.2	4.0	0.9
221	4/7/2016 16:01:40	14.98	47.24	30.75	8.74	8.02	7.6	2.444	104.6	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	4/7/2016 16:16:40	15.49	46.73	30.39	8.66	8.02	8.1	2.313	104.5	3.6	0.9
223	4/7/2016 16:31:40	16.07	46.07	29.92	8.68	8.03	10.0	2.191	105.7	3.8	0.9
224	4/7/2016 16:46:40	16.16	46.04	29.90	8.70	8.03	10.3	2.069	106.1	4.0	0.9
225	4/7/2016 17:01:40	16.00	46.32	30.11	8.80	8.04	8.4	1.944	107.0	4.0	0.9
226	4/7/2016 17:16:40	16.43	45.85	29.78	8.77	8.04	9.0	1.816	107.4	4.0	0.9
227	4/7/2016 17:31:39	16.67	45.67	29.64	8.74	8.04	10.0	1.700	107.4	4.5	1.1
228	4/7/2016 17:46:39	16.82	45.66	29.64	8.76	8.05	10.6	1.588	108.0	4.1	1.0
229	4/7/2016 18:01:40	16.90	45.55	29.56	8.75	8.05	9.7	1.507	108.0	3.9	0.9
230	4/7/2016 18:16:39	17.02	45.46	29.50	8.72	8.05	9.4	1.440	107.9	5.1	1.2
231	4/7/2016 18:31:39	17.14	45.29	29.37	8.65	8.05	8.4	1.392	107.1	4.4	1.0
232	4/7/2016 18:46:40	17.15	45.27	29.36	8.43	8.03	7.6	1.396	104.4	4.2	1.0
233	4/7/2016 19:01:40	17.10	45.33	29.40	8.73	8.05	7.9	1.415	108.0	4.5	1.1
234	4/7/2016 19:16:40	17.03	45.29	29.38	8.65	8.04	8.7	1.461	107.0	3.8	0.9
235	4/7/2016 19:31:40	17.02	45.36	29.43	8.66	8.04	8.9	1.538	107.1	4.5	1.1
236	4/7/2016 19:46:40	17.22	44.90	29.10	8.57	8.03	9.8	1.638	106.1	4.2	1.0
237	4/7/2016 20:01:40	17.25	44.88	29.08	8.53	8.02	9.5	1.747	105.7	4.6	1.1
238	4/7/2016 20:16:40	16.89	45.33	29.40	8.52	8.02	11.4	1.865	105.1	4.9	1.2
239	4/7/2016 20:31:40	16.50	45.69	29.65	8.49	8.02	11.4	1.991	104.0	5.2	1.2
240	4/7/2016 20:46:40	15.96	46.05	29.91	8.41	8.01	9.7	2.097	102.2	4.9	1.2
241	4/7/2016 21:01:40	15.61	46.37	30.14	8.39	8.00	11.3	2.214	101.3	4.4	1.0
242	4/7/2016 21:16:40	15.34	46.62	30.31	8.36	8.00	9.2	2.325	100.6	4.7	1.1
243	4/7/2016 21:31:40	15.28	46.67	30.35	8.38	8.00	8.5	2.439	100.7	4.1	1.0
244	4/7/2016 21:46:40	15.18	46.81	30.45	8.38	8.00	9.0	2.546	100.5	4.9	1.2
245	4/7/2016 22:01:40	14.93	47.07	30.63	8.31	7.99	11.7	2.655	99.3	4.3	1.0
246	4/7/2016 22:16:40	14.72	47.12	30.66	8.26	7.98	12.9	2.773	98.3	4.5	1.1
247	4/7/2016 22:31:40	14.36	47.44	30.89	8.22	7.98	16.4	2.886	97.3	4.1	1.0
248	4/7/2016 22:46:40	14.06	47.71	31.07	8.18	7.97	14.7	3.008	96.2	4.5	1.1
249	4/7/2016 23:01:40	13.46	48.31	31.49	8.18	7.97	15.3	3.136	95.4	4.3	1.0
250	4/7/2016 23:16:40	13.17	48.60	31.69	8.23	7.98	16.2	3.262	95.4	4.7	1.1
251	4/7/2016 23:31:40	13.04	48.73	31.77	8.28	7.99	16.9	3.392	95.9	5.8	1.4
252	4/7/2016 23:46:40	12.78	48.90	31.89	8.46	8.00	15.7	3.511	97.5	5.6	1.3
253	4/8/2016 00:01:40	12.44	49.10	32.02	8.54	8.01	14.1	3.618	97.8	6.7	1.6
254	4/8/2016 00:16:40	12.16	49.29	32.14	8.51	8.02	9.8	3.720	97.0	5.5	1.3
255	4/8/2016 00:31:40	12.03	49.29	32.14	8.47	8.02	6.8	3.798	96.2	6.5	1.5
256	4/8/2016 00:46:41	11.97	49.40	32.22	8.45	8.02	5.2	3.859	96.0	5.7	1.4
257	4/8/2016 01:01:40	11.96	49.29	32.14	8.42	8.02	4.6	3.894	95.6	4.3	1.0
258	4/8/2016 01:16:40	11.97	49.26	32.12	8.30	8.02	3.9	3.908	94.2	5.9	1.4

sonde #1

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	4/8/2016 01:31:40	12.05	49.30	32.15	8.26	8.01	5.3	3.889	93.9	4.2	1.0
260	4/8/2016 01:46:40	11.98	49.32	32.16	8.38	8.02	5.3	3.837	95.1	3.9	0.9
261	4/8/2016 02:01:40	12.47	49.07	32.00	8.24	8.01	6.2	3.754	94.4	3.9	0.9
262	4/8/2016 02:16:40	12.61	49.04	31.99	8.28	8.01	8.4	3.649	95.1	4.8	1.1
263	4/8/2016 02:31:40	13.03	48.61	31.69	8.27	8.00	8.9	3.521	95.7	3.6	0.8
264	4/8/2016 02:46:40	13.45	48.26	31.45	8.12	7.99	7.5	3.398	94.6	3.6	0.9
265	4/8/2016 03:01:40	13.92	47.78	31.12	8.02	7.98	11.8	3.269	94.2	3.5	0.8
266	4/8/2016 03:16:40	14.13	47.65	31.03	7.95	7.97	9.6	3.137	93.7	2.8	0.7
267	4/8/2016 03:31:41	14.17	47.63	31.02	7.94	7.97	9.6	2.994	93.7	3.2	0.8
268	4/8/2016 03:46:41	14.11	47.66	31.04	7.93	7.97	8.6	2.843	93.4	2.8	0.7
269	4/8/2016 04:01:40	14.38	47.34	30.81	7.95	7.97	9.7	2.714	94.0	3.1	0.7
270	4/8/2016 04:16:40	14.42	47.31	30.79	7.92	7.97	9.3	2.570	93.7	3.4	0.8
271	4/8/2016 04:31:40	14.57	47.08	30.63	7.90	7.97	11.1	2.398	93.8	3.5	0.8
272	4/8/2016 04:46:40	15.24	46.49	30.21	7.86	7.97	12.1	2.268	94.3	3.6	0.8
273	4/8/2016 05:01:40	15.29	46.43	30.17	7.84	7.97	14.0	2.099	94.1	4.0	0.9
274	4/8/2016 05:16:40	14.92	46.81	30.44	7.84	7.97	12.0	1.951	93.6	4.1	1.0
275	4/8/2016 05:31:40	15.43	46.28	30.07	7.79	7.97	12.7	1.782	93.6	3.0	0.7
276	4/8/2016 05:46:40	15.68	46.04	29.90	7.78	7.97	13.5	1.628	93.9	3.8	0.9
277	4/8/2016 06:01:40	15.74	45.97	29.85	7.79	7.97	13.9	1.475	94.1	4.0	1.0
278	4/8/2016 06:16:40	15.89	45.83	29.75	7.79	7.98	13.1	1.317	94.4	3.9	0.9
279	4/8/2016 06:31:40	15.95	45.81	29.74	7.78	7.98	13.2	1.190	94.3	4.2	1.0
280	4/8/2016 06:46:40	16.11	45.62	29.60	7.72	7.98	12.3	1.065	93.9	3.1	0.7
281	4/8/2016 07:01:40	16.25	45.42	29.46	7.66	7.97	11.2	1.003	93.2	4.1	1.0
282	4/8/2016 07:16:40	16.34	45.30	29.38	7.51	7.97	9.5	0.937	91.6	3.4	0.8
283	4/8/2016 07:31:40	16.22	45.48	29.50	7.66	7.97	9.7	0.969	93.3	3.8	0.9
284	4/8/2016 07:46:40	16.10	45.60	29.58	7.72	7.97	8.8	1.039	93.8	3.4	0.8
285	4/8/2016 08:01:40	16.07	45.58	29.57	7.73	7.97	8.9	1.126	93.9	3.7	0.9
286	4/8/2016 08:16:40	16.03	45.76	29.70	7.78	7.98	8.7	1.241	94.5	3.9	0.9
287	4/8/2016 08:31:40	16.08	45.32	29.39	7.62	7.96	11.3	1.328	92.4	3.4	0.8
288	4/8/2016 08:46:40	16.05	45.25	29.33	7.60	7.95	10.4	1.441	92.1	3.6	0.9
289	4/8/2016 09:01:39	16.06	45.17	29.28	7.59	7.95	11.4	1.564	92.0	4.1	1.0
290	4/8/2016 09:16:40	15.91	45.63	29.60	7.65	7.96	11.9	1.658	92.7	4.4	1.0
291	4/8/2016 09:31:40	15.77	45.85	29.77	7.67	7.96	11.1	1.777	92.7	3.3	0.8
292	4/8/2016 09:46:40	15.53	46.19	30.01	7.72	7.96	9.6	1.887	93.1	3.3	0.8
293	4/8/2016 10:01:40	15.21	46.49	30.21	7.79	7.96	10.2	1.997	93.3	3.5	0.8
294	4/8/2016 10:16:40	15.04	46.72	30.38	7.86	7.96	10.3	2.109	94.0	3.6	0.8
295	4/8/2016 10:31:40	15.01	46.82	30.45	7.87	7.96	9.8	2.233	94.1	3.6	0.8

sonde #1

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	4/8/2016 10:46:40	14.93	46.84	30.46	7.89	7.97	11.2	2.338	94.1	3.3	0.8
297	4/8/2016 11:01:40	14.80	47.04	30.61	7.90	7.97	12.6	2.451	94.2	3.4	0.8
298	4/8/2016 11:16:40	14.71	47.08	30.63	7.92	7.97	13.8	2.558	94.2	3.5	0.8
299	4/8/2016 11:31:40	14.52	47.12	30.65	7.96	7.97	17.2	2.662	94.3	3.8	0.9
300	4/8/2016 11:46:40	14.36	47.34	30.81	8.01	7.97	17.8	2.776	94.7	3.4	0.8
301	4/8/2016 12:01:40	13.81	47.90	31.20	8.18	7.99	18.0	2.874	95.9	3.6	0.8
302	4/8/2016 12:16:40	13.49	48.19	31.40	8.31	8.01	19.0	2.983	96.9	4.7	1.1
303	4/8/2016 12:31:40	13.38	48.32	31.49	8.35	8.01	18.1	3.093	97.2	5.2	1.2
304	4/8/2016 12:46:40	13.31	48.35	31.51	8.34	8.01	18.1	3.199	96.9	5.1	1.2
305	4/8/2016 13:01:40	13.00	48.54	31.64	8.28	8.01	14.7	3.294	95.7	4.6	1.1
306	4/8/2016 13:16:41	12.64	48.86	31.86	8.24	8.01	10.8	3.368	94.7	4.4	1.0
307	4/8/2016 13:31:41	12.49	48.96	31.92	8.19	8.01	6.5	3.437	93.9	5.0	1.2
308	4/8/2016 13:46:40	12.47	48.96	31.92	8.18	8.02	4.8	3.489	93.7	4.1	1.0
309	4/8/2016 14:01:40	12.45	49.01	31.95	8.15	8.02	3.9	3.513	93.4	4.1	1.0
310	4/8/2016 14:16:40	12.70	48.90	31.89	8.11	8.01	5.9	3.508	93.3	4.7	1.1
311	4/8/2016 14:31:40	12.56	48.99	31.95	8.05	8.01	6.6	3.477	92.4	3.8	0.9
312	4/8/2016 14:46:40	12.69	48.87	31.87	8.06	8.01	7.0	3.416	92.7	3.7	0.9
313	4/8/2016 15:01:40	13.70	48.40	31.56	8.41	8.03	9.1	3.334	98.6	4.0	0.9
314	4/8/2016 15:16:40	13.62	48.51	31.64	8.42	8.03	11.7	3.231	98.6	4.5	1.1
315	4/8/2016 15:31:39	14.18	48.06	31.33	8.47	8.03	7.6	3.104	100.1	3.4	0.8
316	4/8/2016 15:46:40	14.67	47.76	31.12	8.48	8.03	9.2	2.995	101.1	3.7	0.9
317	4/8/2016 16:01:40	14.70	47.76	31.13	8.50	8.04	8.1	2.887	101.4	3.1	0.7
318	4/8/2016 16:16:40	14.79	47.66	31.05	8.49	8.03	8.7	2.765	101.4	4.1	1.0
319	4/8/2016 16:31:40	14.90	47.58	31.00	8.52	8.03	7.7	2.644	101.9	3.9	0.9
320	4/8/2016 16:46:40	14.84	47.61	31.02	8.54	8.04	6.8	2.533	102.1	4.3	1.0
321	4/8/2016 17:01:40	15.33	47.18	30.72	8.46	8.03	7.2	2.418	101.9	4.1	1.0
322	4/8/2016 17:16:40	15.19	47.31	30.81	8.49	8.04	7.2	2.295	102.1	4.3	1.0
323	4/8/2016 17:31:40	15.77	46.65	30.34	8.25	8.02	9.0	2.186	100.1	4.2	1.0
324	4/8/2016 17:46:40	15.75	46.78	30.43	8.30	8.03	8.3	2.071	100.7	4.4	1.0
325	4/8/2016 18:01:40	16.02	46.51	30.25	8.20	8.02	9.6	1.973	99.9	4.4	1.0
326	4/8/2016 18:16:40	16.10	46.46	30.21	8.26	8.03	9.6	1.861	100.8	4.1	1.0
327	4/8/2016 18:31:40	16.35	46.18	30.01	8.14	8.02	10.5	1.754	99.7	4.8	1.1
328	4/8/2016 18:46:40	16.39	46.25	30.06	8.11	8.02	11.0	1.680	99.5	4.1	1.0
329	4/8/2016 19:01:40	16.48	46.09	29.95	8.08	8.02	11.9	1.608	99.1	4.3	1.0
330	4/8/2016 19:16:40	16.57	46.04	29.91	8.00	8.01	11.7	1.572	98.4	5.0	1.2
331	4/8/2016 19:31:40	16.63	45.90	29.81	7.94	8.01	10.1	1.545	97.6	4.9	1.2
332	4/8/2016 19:46:40	16.58	45.93	29.83	7.99	8.01	9.5	1.554	98.2	4.7	1.1

sonde #1

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	4/8/2016 20:01:40	16.56	45.93	29.83	7.98	8.00	10.1	1.616	98.0	5.0	1.2
334	4/8/2016 20:16:39	16.50	45.95	29.84	7.95	7.99	10.6	1.669	97.5	4.9	1.1
335	4/8/2016 20:31:40	16.44	45.99	29.87	7.95	7.99	10.5	1.753	97.4	5.1	1.2
336	4/8/2016 20:46:40	16.71	45.51	29.53	8.05	7.99	9.7	1.860	98.9	4.2	1.0
337	4/8/2016 21:01:40	16.46	45.88	29.79	8.02	7.99	10.3	1.992	98.3	4.3	1.0
338	4/8/2016 21:16:40	16.14	46.27	30.07	8.06	7.99	11.3	2.102	98.4	4.7	1.1
339	4/8/2016 21:31:40	15.78	46.53	30.26	8.11	8.00	9.3	2.205	98.4	4.8	1.1
340	4/8/2016 21:46:40	15.27	47.05	30.62	8.14	8.00	10.8	2.324	97.9	5.5	1.3
341	4/8/2016 22:01:40	15.14	47.13	30.68	8.16	8.00	9.0	2.435	98.0	4.9	1.2
342	4/8/2016 22:16:40	15.06	47.28	30.79	8.20	8.00	8.5	2.533	98.3	4.4	1.0
343	4/8/2016 22:31:40	14.99	47.28	30.78	8.22	8.01	10.1	2.637	98.4	4.5	1.1
344	4/8/2016 22:46:40	14.81	47.48	30.92	8.20	8.01	10.6	2.747	97.9	4.3	1.0
345	4/8/2016 23:01:40	14.62	47.58	30.99	8.20	8.01	12.0	2.862	97.6	4.2	1.0
346	4/8/2016 23:16:40	14.29	47.82	31.15	8.24	8.01	12.5	2.976	97.5	5.5	1.3
347	4/8/2016 23:31:40	13.95	48.11	31.36	8.28	8.02	12.4	3.090	97.5	4.3	1.0
348	4/8/2016 23:46:40	13.54	48.40	31.56	8.38	8.03	13.4	3.215	97.9	5.2	1.2
349	4/9/2016 00:01:40	13.32	48.60	31.70	8.46	8.04	12.5	3.346	98.5	5.1	1.2
350	4/9/2016 00:16:40	13.12	48.72	31.78	8.51	8.05	11.9	3.460	98.7	5.4	1.3
351	4/9/2016 00:31:40	12.79	48.91	31.90	8.41	8.04	11.4	3.579	96.9	5.5	1.3
352	4/9/2016 00:46:40	12.38	49.05	31.98	8.26	8.04	9.4	3.680	94.5	4.8	1.1
353	4/9/2016 01:01:40	12.14	49.22	32.09	8.16	8.03	7.6	3.779	92.9	5.4	1.3
354	4/9/2016 01:16:40	12.02	49.29	32.14	8.09	8.02	5.5	3.848	91.9	5.0	1.2
355	4/9/2016 01:31:40	11.93	49.27	32.13	8.03	8.02	4.3	3.909	91.1	4.1	1.0
356	4/9/2016 01:46:40	11.84	49.33	32.16	7.96	8.01	3.5	3.947	90.1	3.9	0.9
357	4/9/2016 02:01:40	11.86	49.29	32.13	7.79	8.01	2.6	3.953	88.2	5.2	1.2
358	4/9/2016 02:16:40	12.11	49.21	32.09	7.84	8.01	5.7	3.933	89.2	4.6	1.1
359	4/9/2016 02:31:41	11.94	49.32	32.16	7.88	8.01	4.3	3.888	89.3	3.5	0.8
360	4/9/2016 02:46:40	12.57	48.99	31.94	8.11	8.03	6.8	3.803	93.0	4.2	1.0
361	4/9/2016 03:01:40	12.49	49.05	31.99	8.10	8.03	6.4	3.681	92.8	4.0	0.9
362	4/9/2016 03:16:40	12.92	48.62	31.70	8.03	8.02	6.5	3.554	92.7	3.6	0.8
363	4/9/2016 03:31:40	13.11	48.64	31.72	8.09	8.02	6.4	3.441	93.7	3.5	0.8
364	4/9/2016 03:46:40	13.75	48.12	31.36	8.01	8.02	10.0	3.297	93.9	3.1	0.7
365	4/9/2016 04:01:40	14.04	47.89	31.20	7.96	8.01	8.4	3.174	93.8	3.5	0.8
366	4/9/2016 04:16:40	14.04	47.88	31.19	7.94	8.01	8.1	3.037	93.5	3.2	0.8
367	4/9/2016 04:31:40	14.24	47.70	31.07	7.87	8.00	9.0	2.883	93.0	3.0	0.7
368	4/9/2016 04:46:40	14.54	47.41	30.87	7.84	7.99	10.0	2.744	93.1	3.5	0.8
369	4/9/2016 05:01:40	14.25	47.58	30.98	7.87	8.00	8.7	2.594	93.0	3.3	0.8

sonde #1

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	4/9/2016 05:16:40	14.37	47.57	30.98	7.81	7.99	9.0	2.449	92.4	3.2	0.8
371	4/9/2016 05:31:40	14.62	47.32	30.80	7.70	7.98	11.3	2.289	91.6	3.6	0.8
372	4/9/2016 05:46:40	15.01	46.91	30.52	7.63	7.98	12.3	2.126	91.3	3.7	0.9
373	4/9/2016 06:01:40	15.27	46.61	30.30	7.55	7.97	13.3	1.973	90.7	3.4	0.8
374	4/9/2016 06:16:40	15.15	46.66	30.34	7.51	7.97	13.9	1.805	90.0	3.9	0.9
375	4/9/2016 06:31:40	15.50	46.39	30.15	7.45	7.96	14.0	1.650	89.8	3.9	0.9
376	4/9/2016 06:46:40	15.60	46.33	30.11	7.43	7.96	13.1	1.497	89.7	3.6	0.8
377	4/9/2016 07:01:40	15.71	46.24	30.04	7.40	7.96	13.9	1.323	89.5	3.5	0.8
378	4/9/2016 07:16:40	15.80	46.15	29.98	7.36	7.96	13.1	1.180	89.2	3.4	0.8
379	4/9/2016 07:31:40	15.81	46.10	29.94	7.33	7.95	12.2	1.068	88.8	3.6	0.8
380	4/9/2016 07:46:40	15.89	46.03	29.89	7.27	7.95	11.7	0.968	88.2	3.4	0.8
381	4/9/2016 08:01:40	15.96	45.90	29.80	7.16	7.94	10.6	0.910	86.9	3.4	0.8
382	4/9/2016 08:16:40	15.87	46.01	29.88	7.24	7.94	10.3	0.908	87.8	4.1	1.0
383	4/9/2016 08:31:40	15.85	46.08	29.93	7.31	7.95	8.8	0.966	88.6	3.8	0.9
384	4/9/2016 08:46:40	15.86	46.07	29.93	7.36	7.95	9.3	1.076	89.2	3.3	0.8
385	4/9/2016 09:01:40	15.88	46.02	29.89	7.40	7.95	9.4	1.178	89.7	3.5	0.8
386	4/9/2016 09:16:40	15.92	45.56	29.56	7.24	7.93	11.2	1.267	87.7	3.8	0.9
387	4/9/2016 09:31:40	15.89	45.61	29.59	7.25	7.93	10.4	1.390	87.7	3.3	0.8
388	4/9/2016 09:46:40	15.87	45.60	29.59	7.22	7.92	10.5	1.493	87.3	3.2	0.8
389	4/9/2016 10:01:40	15.81	45.83	29.75	7.30	7.93	10.9	1.600	88.3	3.3	0.8
390	4/9/2016 10:16:40	15.73	46.07	29.92	7.36	7.94	9.7	1.703	89.0	3.2	0.8
391	4/9/2016 10:31:40	15.55	46.33	30.11	7.44	7.95	8.9	1.810	89.7	3.2	0.8
392	4/9/2016 10:46:40	15.12	46.89	30.50	7.60	7.96	9.7	1.922	91.1	3.4	0.8
393	4/9/2016 11:01:40	15.10	46.91	30.52	7.62	7.96	10.4	2.034	91.3	2.8	0.6
394	4/9/2016 11:16:40	15.06	46.99	30.58	7.65	7.97	8.9	2.143	91.6	3.3	0.8
395	4/9/2016 11:31:40	15.04	46.97	30.56	7.68	7.97	9.8	2.260	91.9	3.0	0.7
396	4/9/2016 11:46:40	14.88	47.18	30.71	7.72	7.97	11.5	2.367	92.2	3.4	0.8
397	4/9/2016 12:01:40	14.76	47.28	30.78	7.74	7.98	12.5	2.477	92.3	3.1	0.7
398	4/9/2016 12:16:40	14.65	47.32	30.81	7.76	7.98	14.1	2.581	92.3	3.0	0.7
399	4/9/2016 12:31:40	14.48	47.44	30.89	7.82	7.98	15.7	2.690	92.8	4.1	1.0
400	4/9/2016 12:46:41	14.16	47.75	31.10	7.87	7.99	15.8	2.795	92.8	4.0	1.0
401	4/9/2016 13:01:40	13.59	48.21	31.42	7.94	8.00	17.0	2.905	92.8	4.3	1.0
402	4/9/2016 13:16:40	13.36	48.39	31.54	7.95	8.00	15.3	3.002	92.5	4.3	1.0
403	4/9/2016 13:31:40	13.28	48.41	31.55	7.95	8.00	14.5	3.109	92.4	4.1	1.0
404	4/9/2016 13:46:41	13.12	48.58	31.67	8.00	8.01	13.9	3.211	92.8	5.0	1.2
405	4/9/2016 14:01:40	12.89	48.70	31.75	7.98	8.01	12.9	3.289	92.1	4.1	1.0
406	4/9/2016 14:16:40	12.68	48.82	31.83	7.95	8.01	7.9	3.370	91.4	4.6	1.1

sonde #1

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	4/9/2016 14:31:40	12.43	48.98	31.94	7.86	8.01	6.4	3.430	90.0	4.4	1.0
408	4/9/2016 14:46:40	12.32	49.10	32.01	7.78	8.00	4.5	3.457	88.9	3.1	0.7
409	4/9/2016 15:01:40	12.29	49.11	32.02	7.67	8.00	4.0	3.473	87.6	3.3	0.8
410	4/9/2016 15:16:40	12.51	48.95	31.92	7.72	8.00	6.2	3.465	88.5	4.0	0.9
411	4/9/2016 15:31:40	12.33	49.09	32.01	7.70	8.00	5.5	3.413	88.0	3.3	0.8
412	4/9/2016 15:46:40	12.84	48.84	31.85	7.80	8.01	6.1	3.344	90.0	3.2	0.7
413	4/9/2016 16:01:40	13.52	48.43	31.58	8.05	8.03	8.5	3.258	94.0	3.9	0.9
414	4/9/2016 16:16:40	13.46	48.51	31.63	8.13	8.03	7.0	3.147	94.9	4.0	1.0
415	4/9/2016 16:31:40	13.84	48.24	31.45	8.12	8.03	6.8	3.042	95.4	3.8	0.9
416	4/9/2016 16:46:40	14.28	47.90	31.21	8.07	8.02	7.2	2.943	95.5	4.4	1.0
417	4/9/2016 17:01:41	14.40	47.82	31.16	8.03	8.02	9.1	2.838	95.3	3.3	0.8
418	4/9/2016 17:16:40	14.43	47.71	31.08	8.06	8.02	7.6	2.716	95.6	4.3	1.0
419	4/9/2016 17:31:40	14.54	47.67	31.06	8.04	8.02	7.0	2.605	95.6	3.9	0.9
420	4/9/2016 17:46:40	14.55	47.68	31.06	8.09	8.02	6.1	2.499	96.2	4.3	1.0
421	4/9/2016 18:01:40	14.73	47.53	30.96	8.05	8.02	6.7	2.390	96.1	4.3	1.0
422	4/9/2016 18:16:40	14.83	47.32	30.81	8.03	8.01	6.8	2.287	95.9	4.4	1.0
423	4/9/2016 18:31:39	14.99	47.25	30.76	7.96	8.01	7.0	2.178	95.3	4.5	1.0
424	4/9/2016 18:46:39	15.11	47.00	30.59	7.89	8.00	7.2	2.083	94.7	4.5	1.1
425	4/9/2016 19:01:39	15.22	46.94	30.54	7.81	7.99	8.7	1.991	93.8	4.5	1.1
426	4/9/2016 19:16:39	15.31	46.81	30.45	7.74	7.98	8.6	1.901	93.1	4.6	1.1
427	4/9/2016 19:31:40	15.59	46.58	30.29	7.59	7.97	8.6	1.827	91.7	4.2	1.0
428	4/9/2016 19:46:40	15.53	46.63	30.32	7.57	7.97	9.2	1.765	91.3	4.4	1.0
429	4/9/2016 20:01:40	15.66	46.49	30.22	7.48	7.97	8.8	1.726	90.5	5.2	1.2
430	4/9/2016 20:16:41	15.81	46.31	30.10	7.44	7.96	9.0	1.714	90.2	5.4	1.3
431	4/9/2016 20:31:41	15.78	46.35	30.13	7.48	7.96	7.9	1.730	90.6	4.7	1.1
432	4/9/2016 20:46:40	15.73	46.40	30.16	7.53	7.96	8.1	1.754	91.2	5.4	1.3
433	4/9/2016 21:01:40	15.72	46.37	30.14	7.57	7.96	7.7	1.811	91.6	4.4	1.0
434	4/9/2016 21:16:40	15.65	46.41	30.17	7.63	7.96	8.0	1.911	92.2	4.1	1.0
435	4/9/2016 21:31:39	15.65	46.25	30.05	7.75	7.96	8.3	2.007	93.6	4.3	1.0
436	4/9/2016 21:46:40	15.51	46.55	30.26	7.72	7.96	8.4	2.120	93.1	5.0	1.2
437	4/9/2016 22:01:40	15.37	46.73	30.39	7.80	7.97	8.4	2.223	93.9	4.3	1.0
438	4/9/2016 22:16:40	15.06	47.10	30.66	7.90	7.98	7.9	2.330	94.6	4.2	1.0
439	4/9/2016 22:31:41	14.71	47.43	30.88	7.93	7.98	7.8	2.432	94.5	4.4	1.0
440	4/9/2016 22:46:41	14.61	47.51	30.94	7.94	7.98	7.4	2.527	94.4	3.7	0.9
441	4/9/2016 23:01:40	14.52	47.55	30.97	7.97	7.99	7.8	2.624	94.7	3.7	0.9
442	4/9/2016 23:16:40	14.37	47.72	31.09	8.00	7.99	8.7	2.723	94.8	3.4	0.8
443	4/9/2016 23:31:40	14.22	47.75	31.10	8.00	8.00	8.7	2.821	94.5	4.0	0.9

sonde #1

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	4/9/2016 23:46:40	14.07	47.93	31.23	7.99	8.00	9.6	2.927	94.2	4.2	1.0
445	4/10/2016 00:01:40	13.71	48.17	31.40	8.01	8.00	10.0	3.037	93.8	3.7	0.9
446	4/10/2016 00:16:41	13.44	48.35	31.51	8.01	8.00	10.9	3.153	93.4	4.0	0.9
447	4/10/2016 00:31:40	13.09	48.53	31.64	7.99	8.00	10.5	3.271	92.5	4.9	1.1
448	4/10/2016 00:46:41	12.79	48.80	31.82	7.98	8.00	8.9	3.392	91.9	4.2	1.0
449	4/10/2016 01:01:40	12.64	48.93	31.91	7.96	8.00	9.1	3.498	91.5	4.1	1.0
450	4/10/2016 01:16:40	12.52	49.02	31.97	7.97	8.00	8.7	3.605	91.4	4.0	0.9
451	4/10/2016 01:31:40	12.42	49.09	32.01	7.98	8.00	6.8	3.699	91.3	4.6	1.1
452	4/10/2016 01:46:40	12.22	49.17	32.06	7.89	8.00	5.7	3.775	90.0	3.5	0.8
453	4/10/2016 02:01:40	12.05	49.25	32.12	7.76	7.99	4.7	3.847	88.2	3.9	0.9
454	4/10/2016 02:16:41	11.91	49.34	32.17	7.68	7.98	3.7	3.894	87.0	3.6	0.8
455	4/10/2016 02:31:40	11.83	49.33	32.16	7.59	7.98	3.1	3.920	85.9	2.7	0.6
456	4/10/2016 02:46:40	12.15	49.06	31.98	7.46	7.97	3.4	3.939	84.9	2.5	0.6
457	4/10/2016 03:01:41	12.15	49.21	32.09	7.56	7.98	4.6	3.916	86.1	2.8	0.7
458	4/10/2016 03:16:40	11.99	49.25	32.11	7.58	7.98	3.7	3.862	86.1	3.0	0.7
459	4/10/2016 03:31:40	12.57	48.96	31.92	7.89	8.00	6.1	3.785	90.6	3.2	0.8
460	4/10/2016 03:46:40	12.43	48.98	31.94	7.85	8.00	5.5	3.689	89.8	2.6	0.6
461	4/10/2016 04:01:40	12.69	48.85	31.85	7.80	7.99	6.2	3.571	89.7	3.3	0.8
462	4/10/2016 04:16:40	13.09	48.42	31.56	7.76	7.99	6.0	3.449	89.8	3.5	0.8
463	4/10/2016 04:31:40	13.52	48.19	31.40	7.72	7.99	7.9	3.325	90.1	2.7	0.6
464	4/10/2016 04:46:40	13.67	48.08	31.33	7.70	7.98	8.8	3.184	90.1	3.2	0.8
465	4/10/2016 05:01:40	13.81	47.90	31.20	7.66	7.98	9.4	3.046	89.8	3.4	0.8
466	4/10/2016 05:16:40	14.03	47.69	31.06	7.63	7.97	9.8	2.902	89.7	2.8	0.7
467	4/10/2016 05:31:41	14.20	47.49	30.91	7.59	7.96	9.4	2.771	89.5	3.7	0.9
468	4/10/2016 05:46:40	14.22	47.45	30.88	7.59	7.96	9.4	2.627	89.5	3.0	0.7
469	4/10/2016 06:01:40	14.16	47.57	30.97	7.57	7.96	9.9	2.475	89.3	3.1	0.7
470	4/10/2016 06:16:40	14.30	47.40	30.85	7.55	7.96	11.5	2.318	89.2	3.1	0.7
471	4/10/2016 06:31:41	14.30	47.41	30.86	7.51	7.96	11.4	2.169	88.8	3.5	0.8
472	4/10/2016 06:46:41	14.64	47.12	30.66	7.42	7.95	10.6	2.014	88.2	3.2	0.8
473	4/10/2016 07:01:41	14.84	46.88	30.49	7.34	7.94	14.2	1.857	87.5	3.8	0.9
474	4/10/2016 07:16:40	14.94	46.76	30.40	7.30	7.93	15.1	1.698	87.1	3.3	0.8
475	4/10/2016 07:31:40	15.07	46.63	30.32	7.26	7.93	15.3	1.543	86.9	3.5	0.8
476	4/10/2016 07:46:40	15.10	46.57	30.27	7.25	7.92	13.6	1.392	86.8	3.6	0.9
477	4/10/2016 08:01:40	15.15	46.57	30.27	7.23	7.92	12.6	1.250	86.6	3.6	0.9
478	4/10/2016 08:16:40	15.20	46.48	30.21	7.23	7.92	11.4	1.115	86.7	3.5	0.8
479	4/10/2016 08:31:40	15.27	46.37	30.13	7.18	7.92	10.6	1.015	86.1	3.4	0.8
480	4/10/2016 08:46:40	15.30	46.29	30.07	7.11	7.91	9.4	0.942	85.3	3.6	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	4/10/2016 09:01:40	15.27	46.27	30.06	7.05	7.91	8.9	0.925	84.6	3.4	0.8
482	4/10/2016 09:16:40	15.26	46.43	30.18	7.26	7.92	9.7	0.986	87.0	3.6	0.8
483	4/10/2016 09:31:40	15.25	46.33	30.10	7.29	7.92	8.4	1.060	87.4	3.7	0.9
484	4/10/2016 09:46:40	15.31	46.31	30.09	7.32	7.92	9.0	1.167	87.8	3.4	0.8
485	4/10/2016 10:01:40	15.29	46.07	29.91	7.27	7.91	9.2	1.269	87.1	3.6	0.9
486	4/10/2016 10:16:40	15.27	45.95	29.83	7.21	7.89	9.8	1.367	86.3	3.7	0.9
487	4/10/2016 10:31:40	15.24	45.79	29.71	7.19	7.89	9.5	1.465	86.0	3.5	0.8
488	4/10/2016 10:46:40	15.21	46.01	29.87	7.23	7.89	10.3	1.569	86.5	3.8	0.9
489	4/10/2016 11:01:39	15.16	46.21	30.01	7.28	7.90	9.7	1.671	87.1	3.6	0.8
490	4/10/2016 11:16:39	14.95	46.59	30.28	7.40	7.92	9.7	1.768	88.2	3.1	0.7
491	4/10/2016 11:31:40	14.77	46.93	30.52	7.49	7.93	9.5	1.865	89.2	3.1	0.7
492	4/10/2016 11:46:40	14.66	47.15	30.68	7.55	7.94	8.7	1.966	89.7	3.1	0.7
493	4/10/2016 12:01:40	14.67	47.19	30.71	7.60	7.94	9.0	2.081	90.4	3.2	0.8
494	4/10/2016 12:16:40	14.66	47.24	30.75	7.67	7.95	8.9	2.183	91.2	3.5	0.8
495	4/10/2016 12:31:40	14.66	47.28	30.77	7.67	7.95	8.4	2.286	91.2	3.0	0.7
496	4/10/2016 12:46:40	14.57	47.37	30.84	7.70	7.95	9.2	2.398	91.4	2.8	0.7
497	4/10/2016 13:01:40	14.46	47.41	30.86	7.74	7.95	10.5	2.500	91.7	3.7	0.9
498	4/10/2016 13:16:40	14.36	47.51	30.93	7.75	7.96	11.1	2.601	91.8	2.9	0.7
499	4/10/2016 13:31:40	14.18	47.63	31.01	7.80	7.96	13.8	2.704	92.0	3.4	0.8
500	4/10/2016 13:46:40	14.00	47.80	31.13	7.86	7.96	14.9	2.800	92.4	3.2	0.8
501	4/10/2016 14:01:40	13.44	48.22	31.42	7.86	7.96	15.2	2.898	91.5	3.4	0.8
502	4/10/2016 14:16:40	13.18	48.45	31.58	7.83	7.96	15.1	2.991	90.8	3.5	0.8
503	4/10/2016 14:31:40	13.04	48.56	31.65	7.83	7.96	13.0	3.082	90.5	3.3	0.8
504	4/10/2016 14:46:40	12.98	48.63	31.70	7.83	7.97	11.7	3.169	90.4	3.7	0.9
505	4/10/2016 15:01:40	12.86	48.73	31.77	7.83	7.97	9.5	3.247	90.4	3.6	0.8
506	4/10/2016 15:16:40	12.74	48.84	31.84	7.83	7.97	6.8	3.309	90.1	2.9	0.7
507	4/10/2016 15:31:40	12.61	48.85	31.85	7.84	7.97	6.2	3.357	90.0	3.0	0.7
508	4/10/2016 15:46:40	12.54	48.89	31.87	7.80	7.97	3.9	3.382	89.4	3.0	0.7
509	4/10/2016 16:01:40	12.70	48.89	31.88	7.78	7.97	5.3	3.380	89.5	3.0	0.7
510	4/10/2016 16:16:40	12.62	48.91	31.89	7.70	7.96	5.7	3.365	88.4	2.7	0.6
511	4/10/2016 16:31:40	12.82	48.78	31.81	7.72	7.96	7.0	3.317	88.9	2.5	0.6
512	4/10/2016 16:46:40	13.12	48.62	31.70	7.95	7.98	8.6	3.245	92.2	3.3	0.8
513	4/10/2016 17:01:40	13.04	48.68	31.74	8.00	7.98	9.6	3.163	92.6	3.2	0.8
514	4/10/2016 17:16:41	13.00	48.74	31.79	8.01	7.98	7.9	3.075	92.6	2.5	0.6
515	4/10/2016 17:31:41	13.15	48.63	31.71	7.99	7.98	8.3	2.979	92.7	3.0	0.7
516	4/10/2016 17:46:40	13.79	48.08	31.33	7.88	7.98	8.7	2.883	92.5	3.2	0.8
517	4/10/2016 18:01:40	14.11	47.81	31.14	7.83	7.97	10.1	2.785	92.3	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	4/10/2016 18:16:40	14.21	47.70	31.07	7.82	7.97	10.2	2.694	92.3	3.6	0.8
519	4/10/2016 18:31:41	14.27	47.68	31.06	7.81	7.97	10.4	2.606	92.3	3.2	0.7
520	4/10/2016 18:46:40	14.15	47.73	31.09	7.88	7.97	9.9	2.508	93.0	3.5	0.8
521	4/10/2016 19:01:40	13.94	47.90	31.20	7.92	7.97	9.7	2.407	93.1	3.2	0.8
522	4/10/2016 19:16:40	14.60	47.31	30.79	7.85	7.96	13.6	2.334	93.3	3.5	0.8
523	4/10/2016 19:31:40	14.78	47.04	30.60	7.77	7.95	12.5	2.243	92.6	4.1	1.0
524	4/10/2016 19:46:40	14.59	47.15	30.68	7.82	7.96	12.2	2.146	92.9	3.7	0.9
525	4/10/2016 20:01:40	14.82	46.89	30.49	7.75	7.95	12.8	2.078	92.3	4.1	1.0
526	4/10/2016 20:16:40	14.89	46.88	30.49	7.71	7.94	13.6	2.026	92.0	4.3	1.0
527	4/10/2016 20:31:40	14.68	47.06	30.62	7.73	7.95	13.1	1.970	91.9	4.7	1.1
528	4/10/2016 20:46:40	14.99	46.76	30.40	7.61	7.94	13.9	1.918	90.9	4.4	1.0
529	4/10/2016 21:01:40	15.08	46.65	30.33	7.56	7.93	12.8	1.914	90.4	4.5	1.1
530	4/10/2016 21:16:40	15.17	46.65	30.33	7.25	7.93	10.9	1.928	86.9	5.5	1.3
531	4/10/2016 21:31:40	15.11	46.62	30.31	7.61	7.93	11.7	1.954	91.1	4.4	1.0
532	4/10/2016 21:46:40	15.10	46.65	30.33	7.59	7.93	10.6	1.987	90.8	4.6	1.1
533	4/10/2016 22:01:40	15.10	46.54	30.25	7.61	7.93	10.6	2.069	91.0	4.5	1.1
534	4/10/2016 22:16:40	15.04	46.64	30.32	7.61	7.93	10.6	2.153	90.9	4.5	1.1
535	4/10/2016 22:31:40	15.07	46.51	30.23	7.66	7.93	12.7	2.236	91.6	4.3	1.0
536	4/10/2016 22:46:40	14.93	46.77	30.41	7.66	7.93	11.4	2.328	91.5	4.3	1.0
537	4/10/2016 23:01:40	14.78	47.04	30.60	7.71	7.94	12.2	2.425	91.8	4.6	1.1
538	4/10/2016 23:16:40	14.41	47.43	30.88	7.75	7.95	11.4	2.517	91.8	3.4	0.8
539	4/10/2016 23:31:40	14.09	47.70	31.07	7.80	7.96	8.7	2.600	91.9	3.4	0.8
540	4/10/2016 23:46:41	13.98	47.92	31.22	7.84	7.96	8.0	2.698	92.3	3.5	0.8
541	4/11/2016 00:01:40	13.92	47.92	31.22	7.86	7.96	6.9	2.785	92.4	2.6	0.6
542	4/11/2016 00:16:40	13.87	47.99	31.27	7.86	7.96	7.8	2.880	92.3	3.3	0.8
543	4/11/2016 00:31:40	13.69	48.08	31.33	7.85	7.96	8.4	2.982	91.8	3.1	0.7
544	4/11/2016 00:46:40	13.51	48.20	31.41	7.84	7.96	9.9	3.079	91.5	3.2	0.8
545	4/11/2016 01:01:40	13.09	48.43	31.56	7.88	7.96	10.7	3.184	91.2	3.5	0.8
546	4/11/2016 01:16:41	12.87	48.68	31.74	7.86	7.96	9.7	3.289	90.6	2.8	0.7
547	4/11/2016 01:31:40	12.61	48.84	31.84	7.85	7.96	8.5	3.391	90.2	3.6	0.9
548	4/11/2016 01:46:40	12.41	49.00	31.95	7.83	7.96	7.3	3.492	89.6	3.5	0.8
549	4/11/2016 02:01:40	12.27	49.07	31.99	7.83	7.96	6.4	3.581	89.3	4.1	1.0
550	4/11/2016 02:16:40	12.14	49.19	32.07	7.85	7.96	5.4	3.668	89.4	2.4	0.6
551	4/11/2016 02:31:41	12.06	49.23	32.10	7.87	7.97	4.3	3.745	89.5	2.5	0.6
552	4/11/2016 02:46:41	12.03	49.25	32.12	7.83	7.97	3.2	3.791	89.0	2.7	0.6
553	4/11/2016 03:01:41	11.90	49.34	32.17	7.78	7.97	2.9	3.834	88.2	2.5	0.6
554	4/11/2016 03:16:41	11.87	49.34	32.17	7.61	7.96	2.3	3.861	86.2	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	4/11/2016 03:31:40	11.96	49.26	32.12	7.49	7.95	2.8	3.862	85.0	2.6	0.6
556	4/11/2016 03:46:41	12.05	49.26	32.12	7.63	7.95	4.5	3.828	86.8	2.0	0.5
557	4/11/2016 04:01:40	12.11	49.19	32.07	7.69	7.96	4.7	3.778	87.5	2.0	0.5
558	4/11/2016 04:16:40	12.22	49.10	32.01	7.76	7.96	5.8	3.711	88.5	2.4	0.6
559	4/11/2016 04:31:40	12.15	49.13	32.03	7.80	7.96	5.0	3.612	88.8	2.6	0.6
560	4/11/2016 04:46:40	12.13	49.18	32.07	7.81	7.97	5.8	3.506	88.8	3.1	0.7
561	4/11/2016 05:01:40	12.36	48.99	31.94	7.77	7.96	8.8	3.377	88.8	2.3	0.5
562	4/11/2016 05:16:40	12.86	48.57	31.65	7.66	7.95	8.4	3.271	88.2	2.9	0.7
563	4/11/2016 05:31:40	13.05	48.36	31.51	7.65	7.95	8.7	3.145	88.5	2.5	0.6
564	4/11/2016 05:46:40	13.25	48.20	31.40	7.66	7.95	10.3	3.009	88.9	2.4	0.6
565	4/11/2016 06:01:40	13.33	48.22	31.42	7.62	7.95	9.0	2.892	88.6	2.7	0.6
566	4/11/2016 06:16:40	13.61	47.88	31.18	7.65	7.94	10.9	2.758	89.3	2.6	0.6
567	4/11/2016 06:31:40	13.49	47.96	31.24	7.65	7.94	9.8	2.625	89.1	2.8	0.6
568	4/11/2016 06:46:40	13.65	47.73	31.07	7.61	7.93	11.4	2.476	88.9	2.8	0.7
569	4/11/2016 07:01:40	13.45	47.97	31.24	7.60	7.93	9.8	2.346	88.4	2.7	0.6
570	4/11/2016 07:16:40	14.05	47.33	30.80	7.51	7.92	10.6	2.198	88.2	2.7	0.6
571	4/11/2016 07:31:40	14.21	47.17	30.68	7.48	7.92	12.3	2.057	88.1	3.4	0.8
572	4/11/2016 07:46:40	14.19	47.08	30.62	7.47	7.91	12.1	1.915	88.0	3.0	0.7
573	4/11/2016 08:01:40	14.18	47.02	30.57	7.51	7.91	11.9	1.752	88.4	2.6	0.6
574	4/11/2016 08:16:40	14.33	46.82	30.44	7.50	7.91	12.6	1.600	88.5	3.2	0.7
575	4/11/2016 08:31:41	14.46	46.85	30.46	7.45	7.90	13.3	1.465	88.0	3.7	0.9
576	4/11/2016 08:46:40	14.54	46.72	30.37	7.45	7.90	11.5	1.325	88.2	3.7	0.9
577	4/11/2016 09:01:40	14.59	46.60	30.29	7.45	7.90	11.5	1.201	88.2	3.4	0.8
578	4/11/2016 09:16:40	14.64	46.46	30.18	7.41	7.89	11.9	1.105	87.8	4.1	1.0
579	4/11/2016 09:31:40	14.67	46.39	30.13	7.36	7.89	11.2	1.042	87.3	3.6	0.9
580	4/11/2016 09:46:40	14.69	46.40	30.14	7.19	7.88	11.7	1.008	85.3	4.4	1.0
581	4/11/2016 10:01:40	14.65	46.48	30.20	7.48	7.89	10.3	1.045	88.7	4.5	1.1
582	4/11/2016 10:16:40	14.64	46.55	30.24	7.48	7.89	9.7	1.111	88.6	3.9	0.9
583	4/11/2016 10:31:40	14.66	46.55	30.25	7.53	7.90	9.9	1.182	89.2	4.3	1.0
584	4/11/2016 10:46:40	14.68	46.57	30.26	7.52	7.90	9.4	1.266	89.2	4.2	1.0
585	4/11/2016 11:01:40	14.62	46.29	30.06	7.46	7.89	11.2	1.358	88.3	4.1	1.0
586	4/11/2016 11:16:40	14.59	46.32	30.08	7.45	7.88	10.6	1.444	88.1	3.8	0.9
587	4/11/2016 11:31:40	14.55	46.13	29.94	7.40	7.87	11.7	1.530	87.3	3.7	0.9
588	4/11/2016 11:46:40	14.57	46.14	29.95	7.40	7.87	11.1	1.611	87.4	4.1	1.0
589	4/11/2016 12:01:41	14.53	46.43	30.16	7.42	7.88	11.0	1.695	87.7	3.3	0.8
590	4/11/2016 12:16:40	14.44	46.71	30.36	7.45	7.89	10.3	1.785	88.0	3.3	0.8
591	4/11/2016 12:31:41	14.46	46.71	30.36	7.48	7.89	11.0	1.881	88.4	3.1	0.7

sonde #1

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
592	4/11/2016 12:46:41	14.14	47.31	30.78	7.58	7.91	9.0	1.975	89.2	2.7	0.6
593	4/11/2016 13:01:41	14.14	47.42	30.86	7.60	7.92	8.7	2.074	89.5	2.7	0.6
594	4/11/2016 13:16:40	14.18	47.37	30.83	7.65	7.92	8.0	2.182	90.1	3.0	0.7
595	4/11/2016 13:31:40	14.23	47.43	30.87	7.68	7.92	8.3	2.277	90.6	2.9	0.7
596	4/11/2016 13:46:40	14.15	47.46	30.89	7.70	7.93	8.9	2.377	90.7	3.0	0.7
597	4/11/2016 14:01:40	14.07	47.54	30.95	7.69	7.93	8.6	2.474	90.5	3.0	0.7
598	4/11/2016 14:16:40	13.96	47.65	31.02	7.68	7.93	9.0	2.573	90.2	3.0	0.7
599	4/11/2016 14:31:41	13.83	47.79	31.12	7.71	7.93	10.1	2.659	90.4	3.3	0.8
600	4/11/2016 14:46:41	13.74	47.93	31.22	7.79	7.94	10.9	2.746	91.2	3.1	0.7
601	4/11/2016 15:01:40	13.65	48.06	31.32	7.83	7.94	10.2	2.832	91.5	3.0	0.7
602	4/11/2016 15:16:40	13.23	48.35	31.51	7.83	7.94	10.9	2.921	90.9	3.5	0.8
603	4/11/2016 15:31:40	13.00	48.57	31.66	7.84	7.94	9.2	2.989	90.7	2.8	0.7
604	4/11/2016 15:46:40	12.85	48.76	31.79	7.83	7.95	10.5	3.066	90.3	2.6	0.6
605	4/11/2016 16:01:40	12.81	48.76	31.79	7.81	7.95	12.5	3.135	90.0	2.6	0.6
606	4/11/2016 16:16:40	12.79	48.78	31.81	7.81	7.95	5.3	3.189	90.0	2.0	0.5
607	4/11/2016 16:31:40	12.78	48.83	31.84	7.77	7.95	4.2	3.237	89.6	2.7	0.6
608	4/11/2016 16:46:40	12.83	48.81	31.82	7.70	7.95	3.5	3.257	88.8	2.7	0.6
609	4/11/2016 17:01:41	12.88	48.79	31.81	7.75	7.94	5.0	3.261	89.5	2.3	0.5
610	4/11/2016 17:16:41	12.84	48.80	31.82	7.66	7.94	3.9	3.255	88.4	3.0	0.7
611	4/11/2016 17:31:41	12.81	48.81	31.82	7.70	7.94	22.2	3.215	88.7	2.1	0.5
612	4/11/2016 17:46:40	12.86	48.75	31.79	7.70	7.94	5.9	3.160	88.8	28.1	6.6
613	4/11/2016 18:01:40	13.25	48.53	31.64	7.82	7.95	21.3	3.094	90.9	2.4	0.6
614	4/11/2016 18:16:40	13.37	48.41	31.56	7.90	7.95	6.6	3.010	91.9	2.4	0.6
615	4/11/2016 18:31:40	13.31	48.47	31.60	7.88	7.95	5.3	2.935	91.7	2.4	0.6
616	4/11/2016 18:46:40	13.91	47.93	31.23	7.91	7.95	6.3	2.851	92.9	2.5	0.6
617	4/11/2016 19:01:40	13.96	47.93	31.23	7.86	7.95	5.9	2.749	92.4	2.5	0.6
618	4/11/2016 19:16:40	14.07	47.80	31.13	7.86	7.95	7.2	2.683	92.5	2.8	0.6
619	4/11/2016 19:31:40	14.11	47.70	31.07	7.84	7.95	6.1	2.604	92.3	2.2	0.5
620	4/11/2016 19:46:40	14.16	47.66	31.04	7.80	7.94	6.4	2.507	92.0	3.7	0.9
621	4/11/2016 20:01:41	14.21	47.58	30.98	7.80	7.94	6.3	2.450	92.1	5.0	1.2
622	4/11/2016 20:16:41	14.18	47.62	31.01	7.75	7.93	6.0	2.369	91.4	3.5	0.8
623	4/11/2016 20:31:41	14.30	47.39	30.85	7.74	7.93	6.3	2.293	91.4	3.7	0.9
624	4/11/2016 20:46:40	14.44	47.19	30.71	7.74	7.93	6.5	2.236	91.6	3.9	0.9
625	4/11/2016 21:01:40	14.45	47.21	30.72	7.71	7.92	6.6	2.169	91.3	3.6	0.9
626	4/11/2016 21:16:40	14.57	47.01	30.58	7.71	7.92	7.4	2.133	91.4	4.0	0.9
627	4/11/2016 21:31:40	14.59	47.01	30.58	7.68	7.92	6.8	2.094	91.0	3.7	0.9
628	4/11/2016 21:46:40	14.65	46.94	30.53	7.59	7.91	6.5	2.064	90.1	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	4/11/2016 22:01:40	14.72	46.85	30.47	7.55	7.91	6.1	2.062	89.7	4.5	1.1
630	4/11/2016 22:16:40	14.65	46.94	30.53	7.56	7.91	5.9	2.079	89.8	3.8	0.9
631	4/11/2016 22:31:40	14.64	47.01	30.58	7.68	7.91	6.2	2.135	91.2	3.8	0.9
632	4/11/2016 22:46:40	14.60	46.98	30.56	7.69	7.91	6.2	2.166	91.3	3.6	0.8
633	4/11/2016 23:01:40	14.59	47.09	30.64	7.72	7.92	5.8	2.219	91.7	3.4	0.8
634	4/11/2016 23:16:40	14.63	47.05	30.61	7.74	7.92	6.2	2.286	91.9	3.9	0.9
635	4/11/2016 23:31:40	14.56	47.14	30.67	7.72	7.92	6.4	2.367	91.6	3.1	0.7
636	4/11/2016 23:46:40	14.41	47.38	30.84	7.72	7.92	6.0	2.448	91.4	3.8	0.9
637	4/12/2016 00:01:40	14.30	47.48	30.91	7.72	7.93	5.8	2.513	91.3	3.2	0.8
638	4/12/2016 00:16:40	14.08	47.68	31.05	7.75	7.93	6.0	2.597	91.3	3.4	0.8
639	4/12/2016 00:31:40	13.89	47.89	31.19	7.76	7.93	5.7	2.662	91.1	2.6	0.6
640	4/12/2016 00:46:40	13.72	48.03	31.29	7.76	7.93	5.0	2.744	90.8	2.6	0.6
641	4/12/2016 01:01:40	13.64	48.09	31.33	7.78	7.94	5.2	2.822	90.9	2.9	0.7
642	4/12/2016 01:16:40	13.63	48.09	31.33	7.76	7.94	5.1	2.907	90.7	2.6	0.6
643	4/12/2016 01:31:41	13.44	48.29	31.47	7.78	7.94	5.7	2.995	90.6	2.9	0.7
644	4/12/2016 01:46:40	13.25	48.47	31.59	7.77	7.94	5.9	3.075	90.3	3.5	0.8
645	4/12/2016 02:01:41	13.06	48.60	31.68	7.76	7.94	6.6	3.163	89.8	3.4	0.8
646	4/12/2016 02:16:40	12.83	48.74	31.78	7.76	7.94	6.4	3.259	89.5	2.7	0.6
647	4/12/2016 02:31:41	12.62	48.90	31.88	7.72	7.94	6.3	3.335	88.7	2.4	0.6
648	4/12/2016 02:46:41	12.46	49.02	31.96	7.67	7.94	5.0	3.406	87.9	2.0	0.5
649	4/12/2016 03:01:41	12.30	49.10	32.02	7.61	7.93	4.0	3.474	86.9	2.3	0.6
650	4/12/2016 03:16:41	12.25	49.16	32.06	7.56	7.93	3.7	3.546	86.3	2.0	0.5
651	4/12/2016 03:31:41	12.10	49.26	32.12	7.47	7.92	3.2	3.610	85.0	2.0	0.5
652	4/12/2016 03:46:40	12.02	49.31	32.16	7.44	7.92	2.9	3.664	84.6	1.9	0.5
653	4/12/2016 04:01:41	11.98	49.35	32.18	7.37	7.92	2.8	3.663	83.7	1.7	0.4
654	4/12/2016 04:16:41	11.97	49.36	32.19	7.04	7.91	2.2	3.686	79.9	1.2	0.3
655	4/12/2016 04:31:40	12.02	49.33	32.17	7.31	7.91	3.1	3.680	83.1	2.1	0.5
656	4/12/2016 04:46:40	12.02	49.34	32.17	7.27	7.91	3.1	3.632	82.6	1.8	0.4
657	4/12/2016 05:01:41	12.18	49.22	32.10	7.33	7.92	4.5	3.590	83.5	1.9	0.4
658	4/12/2016 05:16:40	12.68	48.81	31.82	7.48	7.93	4.9	3.530	86.0	2.1	0.5
659	4/12/2016 05:31:40	12.67	48.81	31.82	7.55	7.93	5.4	3.420	86.8	1.9	0.4
660	4/12/2016 05:46:40	12.76	48.70	31.74	7.53	7.92	5.0	3.302	86.7	2.3	0.5
661	4/12/2016 06:01:40	13.06	48.47	31.59	7.50	7.92	5.6	3.211	86.7	2.5	0.6
662	4/12/2016 06:16:40	13.24	48.32	31.49	7.56	7.93	7.6	3.133	87.8	2.0	0.5
663	4/12/2016 06:31:41	13.30	48.29	31.47	7.52	7.92	5.7	3.012	87.4	2.0	0.5
664	4/12/2016 06:46:41	13.32	48.20	31.40	7.52	7.92	6.5	2.883	87.4	1.2	0.3
665	4/12/2016 07:01:40	13.50	48.05	31.30	7.52	7.92	6.5	2.784	87.7	1.7	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	4/12/2016 07:16:40	13.36	48.17	31.38	7.49	7.92	5.9	2.683	87.1	1.9	0.5
667	4/12/2016 07:31:40	13.43	48.12	31.35	7.51	7.91	6.9	2.535	87.4	2.8	0.6
668	4/12/2016 07:46:40	13.72	47.82	31.14	7.50	7.91	7.4	2.424	87.7	2.2	0.5
669	4/12/2016 08:01:40	13.82	47.73	31.08	7.49	7.91	6.7	2.292	87.8	2.0	0.5
670	4/12/2016 08:16:40	14.04	47.48	30.90	7.51	7.90	8.1	2.162	88.2	2.6	0.6
671	4/12/2016 08:31:40	14.17	47.30	30.77	7.47	7.90	8.7	2.024	88.0	3.2	0.7
672	4/12/2016 08:46:40	14.16	47.29	30.77	7.54	7.90	8.6	1.873	88.8	2.8	0.7
673	4/12/2016 09:01:40	14.20	47.26	30.75	7.52	7.90	8.8	1.752	88.6	2.6	0.6
674	4/12/2016 09:16:40	14.33	47.10	30.64	7.47	7.89	9.4	1.623	88.2	3.1	0.7
675	4/12/2016 09:31:40	14.39	47.05	30.60	7.47	7.89	9.8	1.505	88.3	3.2	0.8
676	4/12/2016 09:46:40	14.43	47.00	30.57	7.48	7.89	9.6	1.382	88.4	3.7	0.9
677	4/12/2016 10:01:40	14.50	46.92	30.51	7.48	7.89	9.6	1.287	88.6	2.7	0.6
678	4/12/2016 10:16:40	14.59	46.89	30.49	7.48	7.89	9.2	1.232	88.7	3.5	0.8
679	4/12/2016 10:31:40	14.64	46.84	30.46	7.45	7.89	8.1	1.187	88.4	4.1	1.0
680	4/12/2016 10:46:40	14.69	46.85	30.47	7.49	7.89	9.2	1.168	89.0	3.5	0.8
681	4/12/2016 11:01:40	14.62	46.91	30.50	7.55	7.89	8.1	1.177	89.6	3.9	0.9
682	4/12/2016 11:16:40	14.60	46.88	30.48	7.52	7.89	7.9	1.246	89.2	4.2	1.0
683	4/12/2016 11:31:40	14.59	46.91	30.51	7.50	7.89	7.8	1.311	88.9	4.0	0.9
684	4/12/2016 11:46:41	14.67	46.96	30.54	7.52	7.89	7.2	1.374	89.4	3.3	0.8
685	4/12/2016 12:16:40	14.71	46.69	30.35	7.53	7.88	74.9	1.512	89.4	3.8	0.9
686	4/12/2016 12:31:40	14.90	46.21	30.01	7.53	7.87	9.0	1.596	89.5	4.6	1.1
687	4/12/2016 12:46:40	14.67	46.62	30.30	7.43	7.87	7.5	1.669	88.2	4.0	0.9
688	4/12/2016 13:01:40	14.58	46.72	30.37	7.42	7.87	7.5	1.759	87.9	2.8	0.7
689	4/12/2016 13:16:40	14.56	46.77	30.41	7.44	7.88	6.8	1.831	88.1	3.3	0.8
690	4/12/2016 13:31:40	14.42	46.98	30.55	7.43	7.88	6.9	1.898	87.8	3.1	0.7
691	4/12/2016 13:46:40	14.36	47.08	30.62	7.42	7.89	6.8	1.994	87.7	2.9	0.7
692	4/12/2016 14:01:40	14.16	47.46	30.89	7.52	7.90	6.6	2.094	88.6	2.9	0.7
693	4/12/2016 14:16:40	14.14	47.52	30.94	7.57	7.90	6.2	2.176	89.2	2.9	0.7
694	4/12/2016 14:31:40	14.19	47.60	31.00	7.58	7.91	5.7	2.275	89.5	2.8	0.7
695	4/12/2016 14:46:40	14.25	47.68	31.05	7.64	7.91	6.8	2.365	90.2	3.1	0.7
696	4/12/2016 15:01:40	14.16	47.70	31.06	7.61	7.91	5.8	2.467	89.7	2.8	0.7
697	4/12/2016 15:16:40	14.20	47.75	31.11	7.64	7.92	5.4	2.545	90.2	2.9	0.7
698	4/12/2016 15:31:40	14.10	47.74	31.10	7.62	7.91	5.8	2.628	89.8	3.1	0.7
699	4/12/2016 15:46:41	13.92	47.89	31.20	7.57	7.91	6.1	2.711	89.0	2.0	0.5
700	4/12/2016 16:01:41	13.82	47.96	31.25	7.65	7.91	6.7	2.774	89.7	2.3	0.5
701	4/12/2016 16:16:40	13.77	48.07	31.32	7.66	7.92	6.3	2.850	89.8	2.8	0.7
702	4/12/2016 16:31:41	13.52	48.25	31.45	7.68	7.91	6.4	2.921	89.7	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	4/12/2016 16:46:40	13.22	48.48	31.61	7.74	7.91	6.8	2.972	89.9	1.9	0.4
704	4/12/2016 17:01:40	13.10	48.67	31.73	7.76	7.91	5.8	3.042	90.0	2.1	0.5
705	4/12/2016 17:16:40	13.00	48.73	31.78	7.78	7.91	5.1	3.085	90.0	2.1	0.5
706	4/12/2016 17:31:40	12.96	48.83	31.85	7.73	7.91	4.6	3.125	89.4	2.2	0.5
707	4/12/2016 17:46:40	12.94	48.79	31.82	7.74	7.91	4.2	3.169	89.5	1.9	0.4
708	4/12/2016 18:01:40	12.95	48.80	31.83	7.47	7.91	3.3	3.189	86.4	1.4	0.3
709	4/12/2016 18:16:40	12.98	48.83	31.85	7.56	7.91	4.4	3.189	87.4	1.7	0.4
710	4/12/2016 18:31:40	12.96	48.80	31.83	7.62	7.91	4.1	3.163	88.1	1.7	0.4
711	4/12/2016 18:46:40	13.00	48.72	31.77	7.61	7.91	4.4	3.119	88.0	1.3	0.3
712	4/12/2016 19:01:40	13.25	48.60	31.69	7.65	7.91	4.8	3.057	89.0	2.1	0.5
713	4/12/2016 19:16:40	13.65	48.41	31.57	7.85	7.93	6.2	2.977	91.9	1.8	0.4
714	4/12/2016 19:31:40	13.61	48.34	31.52	7.77	7.93	5.1	2.917	90.9	2.7	0.6
715	4/12/2016 19:46:41	13.68	48.24	31.44	7.75	7.92	4.7	2.841	90.8	2.6	0.6
716	4/12/2016 20:01:40	13.99	47.92	31.22	7.71	7.93	4.8	2.766	90.7	2.0	0.5
717	4/12/2016 20:16:40	14.24	47.72	31.09	7.73	7.93	5.3	2.698	91.3	2.1	0.5
718	4/12/2016 20:31:40	14.34	47.73	31.09	7.68	7.93	5.4	2.621	90.9	2.3	0.5
719	4/12/2016 20:46:40	14.37	47.69	31.07	7.65	7.92	5.9	2.562	90.6	2.8	0.7
720	4/12/2016 21:01:39	14.41	47.59	30.99	7.61	7.92	5.2	2.504	90.2	2.8	0.7
721	4/12/2016 21:16:40	14.46	47.52	30.94	7.66	7.92	5.2	2.441	90.8	3.4	0.8
722	4/12/2016 21:31:40	14.54	47.52	30.95	7.67	7.92	5.3	2.375	91.1	3.7	0.9
723	4/12/2016 21:46:40	14.58	47.39	30.85	7.62	7.91	5.3	2.331	90.5	3.3	0.8
724	4/12/2016 22:01:40	14.72	47.27	30.77	7.60	7.91	5.2	2.302	90.5	3.1	0.7
725	4/12/2016 22:16:40	14.67	47.25	30.75	7.58	7.91	5.2	2.253	90.1	2.6	0.6
726	4/12/2016 22:31:40	14.71	47.19	30.71	7.54	7.90	5.4	2.221	89.7	3.4	0.8
727	4/12/2016 22:46:40	14.78	47.13	30.67	7.51	7.90	4.9	2.215	89.5	3.9	0.9
728	4/12/2016 23:01:40	14.70	47.19	30.71	7.22	7.89	4.6	2.201	85.9	13.7	3.2
729	4/12/2016 23:16:40	14.65	47.30	30.79	7.56	7.90	4.7	2.193	89.8	3.2	0.8
730	4/12/2016 23:31:40	14.61	47.33	30.81	7.58	7.90	5.3	2.236	90.1	3.2	0.8
731	4/12/2016 23:46:40	14.54	47.46	30.90	7.62	7.91	4.9	2.277	90.5	3.2	0.7
732	4/13/2016 00:01:40	14.49	47.47	30.91	7.63	7.91	5.0	2.321	90.5	2.8	0.7
733	4/13/2016 00:16:41	14.50	47.50	30.93	7.65	7.91	4.8	2.373	90.8	2.8	0.7
734	4/13/2016 00:31:40	14.49	47.46	30.90	7.65	7.91	4.8	2.433	90.7	2.6	0.6
735	4/13/2016 00:46:41	14.39	47.60	31.00	7.66	7.91	5.0	2.499	90.8	3.1	0.7
736	4/13/2016 01:01:40	14.28	47.70	31.07	7.66	7.91	5.7	2.557	90.5	2.9	0.7
737	4/13/2016 01:16:40	14.05	47.86	31.18	7.67	7.91	4.8	2.639	90.3	3.1	0.7
738	4/13/2016 01:31:40	13.91	48.01	31.28	7.67	7.91	4.5	2.698	90.2	2.4	0.6
739	4/13/2016 01:46:40	13.78	48.11	31.35	7.68	7.91	4.6	2.750	90.0	2.4	0.6

sonde #1

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
740	4/13/2016 02:01:39	13.61	48.23	31.44	7.66	7.91	4.3	2.826	89.6	2.3	0.5
741	4/13/2016 02:16:39	13.49	48.31	31.49	7.68	7.91	4.1	2.897	89.6	2.3	0.5
742	4/13/2016 02:31:40	13.42	48.41	31.56	7.69	7.91	3.9	2.959	89.6	1.6	0.4
743	4/13/2016 02:46:40	13.33	48.42	31.56	7.70	7.91	4.0	3.024	89.6	2.2	0.5
744	4/13/2016 03:01:40	13.07	48.61	31.69	7.70	7.91	4.3	3.091	89.2	2.6	0.6
745	4/13/2016 03:16:40	12.95	48.74	31.78	7.70	7.91	4.8	3.164	89.0	2.0	0.5
746	4/13/2016 03:31:40	12.69	48.86	31.86	7.73	7.90	5.0	3.233	88.8	1.8	0.4
747	4/13/2016 03:46:40	12.59	48.95	31.92	7.71	7.90	4.3	3.299	88.6	1.5	0.4
748	4/13/2016 04:01:40	12.48	49.00	31.95	7.71	7.90	4.0	3.358	88.3	1.4	0.3
749	4/13/2016 04:16:40	12.39	49.07	32.00	7.65	7.90	3.4	3.412	87.6	1.8	0.4
750	4/13/2016 04:31:40	12.34	49.11	32.02	7.64	7.89	3.5	3.458	87.3	1.6	0.4
751	4/13/2016 04:46:40	12.27	49.16	32.06	7.62	7.89	3.2	3.497	86.9	1.6	0.4
752	4/13/2016 05:01:40	12.22	49.20	32.09	7.60	7.89	3.0	3.519	86.6	1.9	0.5
753	4/13/2016 05:16:40	12.36	49.03	31.97	7.45	7.89	3.1	3.525	85.2	1.9	0.4
754	4/13/2016 05:31:40	12.23	49.18	32.07	7.50	7.89	3.2	3.500	85.6	1.8	0.4
755	4/13/2016 05:46:39	12.25	49.16	32.05	7.51	7.89	3.3	3.488	85.7	0.8	0.2
756	4/13/2016 06:01:40	12.41	49.01	31.96	7.51	7.89	3.8	3.429	85.9	1.4	0.3
757	4/13/2016 06:16:40	13.13	48.34	31.50	7.49	7.89	5.3	3.369	86.8	2.3	0.5
758	4/13/2016 06:31:40	13.04	48.46	31.58	7.54	7.89	5.9	3.272	87.1	1.8	0.4
759	4/13/2016 06:46:40	13.13	48.25	31.44	7.52	7.89	4.8	3.184	87.1	2.3	0.5
760	4/13/2016 07:01:40	13.18	48.33	31.49	7.50	7.89	5.4	3.102	87.0	2.5	0.6
761	4/13/2016 07:16:40	13.16	48.31	31.48	7.53	7.89	4.7	3.008	87.3	2.1	0.5
762	4/13/2016 07:31:40	13.27	48.26	31.45	7.51	7.89	4.6	2.917	87.1	2.0	0.5
763	4/13/2016 07:46:40	13.35	48.18	31.39	7.56	7.89	4.9	2.803	87.9	2.1	0.5
764	4/13/2016 08:01:40	13.43	48.07	31.32	7.58	7.89	4.7	2.725	88.3	2.5	0.6
765	4/13/2016 08:16:40	13.47	48.08	31.32	7.59	7.89	5.1	2.609	88.4	1.9	0.4
766	4/13/2016 08:31:40	13.62	47.94	31.23	7.61	7.89	5.3	2.524	88.9	1.7	0.4
767	4/13/2016 08:46:39	13.81	47.73	31.08	7.62	7.89	5.6	2.405	89.2	3.1	0.7
768	4/13/2016 09:01:39	14.04	47.50	30.92	7.66	7.89	6.8	2.282	90.0	2.8	0.7
769	4/13/2016 09:16:40	14.04	47.63	31.02	7.76	7.90	6.4	2.164	91.3	2.5	0.6
770	4/13/2016 09:31:40	14.28	47.38	30.84	7.76	7.90	6.8	2.050	91.6	2.5	0.6
771	4/13/2016 09:46:40	14.42	47.39	30.85	7.77	7.90	6.8	1.949	92.0	2.5	0.6
772	4/13/2016 10:01:40	14.66	47.20	30.72	7.74	7.90	7.6	1.820	92.0	3.0	0.7
773	4/13/2016 10:16:39	14.78	47.14	30.67	7.94	7.91	8.2	1.707	94.6	3.0	0.7
774	4/13/2016 10:31:39	14.87	47.07	30.63	7.91	7.91	8.9	1.632	94.4	3.4	0.8
775	4/13/2016 10:46:40	14.92	47.10	30.65	7.82	7.91	9.1	1.553	93.4	3.1	0.7
776	4/13/2016 11:01:40	15.04	47.11	30.66	7.92	7.92	11.1	1.423	94.9	3.0	0.7

sonde #1

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	4/13/2016 11:16:40	15.12	47.05	30.62	7.80	7.91	11.1	1.383	93.6	3.1	0.7
778	4/13/2016 11:31:40	15.14	47.00	30.58	7.70	7.90	11.2	1.388	92.3	3.1	0.7
779	4/13/2016 11:46:40	15.31	47.06	30.63	7.75	7.92	8.0	1.340	93.3	3.0	0.7
780	4/13/2016 12:01:40	15.12	47.04	30.61	7.82	7.91	8.5	1.377	93.8	3.7	0.9
781	4/13/2016 12:16:40	15.14	47.04	30.61	7.82	7.91	7.5	1.394	93.9	3.6	0.9
782	4/13/2016 12:31:40	15.16	46.98	30.57	7.82	7.91	9.1	1.495	93.8	3.7	0.9
783	4/13/2016 12:46:40	15.24	46.97	30.57	7.79	7.91	21.9	1.485	93.6	3.9	0.9
784	4/13/2016 13:01:40	15.35	46.22	30.02	7.71	7.89	18.0	1.571	92.6	5.0	1.2
785	4/13/2016 13:16:40	15.27	46.29	30.07	7.69	7.88	25.2	1.637	92.2	4.4	1.0
786	4/13/2016 13:31:40	15.11	46.58	30.28	7.68	7.89	12.4	1.727	91.9	4.3	1.0
787	4/13/2016 13:46:40	15.06	46.65	30.33	7.67	7.89	18.8	1.794	91.8	4.1	1.0
788	4/13/2016 14:01:39	15.03	46.71	30.37	7.67	7.89	7.9	1.863	91.7	4.3	1.0
789	4/13/2016 14:31:39	14.73	46.94	30.53	7.64	7.88	6.2	2.026	90.8	3.5	0.8
790	4/13/2016 14:46:40	14.45	47.32	30.80	7.67	7.89	6.2	2.062	90.9	3.1	0.7
791	4/13/2016 15:01:40	14.43	47.41	30.86	7.71	7.89	6.1	2.138	91.3	3.5	0.8
792	4/13/2016 15:16:40	14.39	47.49	30.92	7.75	7.90	6.1	2.205	91.7	3.0	0.7
793	4/13/2016 15:31:40	14.35	47.64	31.03	7.79	7.90	6.7	2.283	92.2	2.6	0.6
794	4/13/2016 15:46:40	14.22	47.72	31.08	7.78	7.90	6.0	2.354	91.9	3.2	0.8
795	4/13/2016 16:01:40	14.16	47.84	31.17	7.77	7.90	6.7	2.471	91.7	3.2	0.8
796	4/13/2016 16:16:40	14.05	47.85	31.17	7.80	7.90	6.6	2.525	91.9	2.7	0.6
797	4/13/2016 16:31:40	13.96	47.92	31.22	7.78	7.90	7.0	2.589	91.5	2.6	0.6
798	4/13/2016 16:46:40	13.80	48.03	31.29	7.81	7.90	8.0	2.678	91.6	2.2	0.5
799	4/13/2016 17:01:40	13.65	48.18	31.40	7.81	7.90	8.2	2.733	91.3	2.5	0.6
800	4/13/2016 17:16:40	13.53	48.38	31.54	7.91	7.90	7.1	2.815	92.4	2.5	0.6
801	4/13/2016 17:31:40	13.32	48.54	31.65	8.05	7.90	6.8	2.902	93.7	2.2	0.5
802	4/13/2016 17:46:40	13.12	48.69	31.76	8.21	7.91	7.4	2.957	95.2	2.2	0.5
803	4/13/2016 18:01:40	12.95	48.86	31.87	8.30	7.91	6.8	2.985	96.0	2.6	0.6
804	4/13/2016 18:16:40	12.87	48.88	31.88	8.34	7.91	5.7	3.039	96.3	2.5	0.6
805	4/13/2016 18:31:40	12.82	48.96	31.93	8.33	7.91	5.1	3.114	96.2	2.0	0.5
806	4/13/2016 18:46:40	12.82	48.94	31.92	8.26	7.91	4.2	3.151	95.3	2.4	0.6
807	4/13/2016 19:01:40	12.78	48.95	31.93	8.28	7.91	4.2	3.175	95.4	2.9	0.7
808	4/13/2016 19:16:40	12.78	48.91	31.90	8.20	7.91	4.5	3.209	94.5	1.9	0.4
809	4/13/2016 19:31:40	12.78	48.88	31.88	8.03	7.90	3.8	3.214	92.6	2.1	0.5
810	4/13/2016 19:46:40	12.79	48.92	31.91	8.08	7.90	4.3	3.174	93.1	2.3	0.5
811	4/13/2016 20:01:40	12.81	48.91	31.90	8.19	7.90	9.7	3.176	94.4	1.9	0.5
812	4/13/2016 20:16:40	12.79	48.77	31.80	8.20	7.90	4.8	3.098	94.5	1.8	0.4
813	4/13/2016 20:31:40	12.78	48.57	31.65	8.19	7.91	5.8	3.012	94.2	2.3	0.5

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	4/13/2016 20:46:40	13.05	48.20	31.39	8.15	7.91	14.5	2.925	94.1	2.6	0.6
815	4/13/2016 21:01:40	13.12	48.18	31.39	8.13	7.91	15.2	2.891	94.1	3.0	0.7
816	4/13/2016 21:16:40	13.17	48.09	31.32	8.05	7.90	19.5	2.835	93.1	2.2	0.5
817	4/13/2016 21:31:40	13.60	47.87	31.17	7.84	7.90	18.3	2.715	91.5	2.4	0.6
818	4/13/2016 21:46:40	13.71	47.84	31.15	7.78	7.90	9.7	2.689	91.0	2.6	0.6
819	4/13/2016 22:01:40	13.73	47.80	31.13	7.75	7.90	21.7	2.625	90.6	2.7	0.6
820	4/13/2016 22:16:39	13.73	47.71	31.06	7.73	7.89	10.2	2.569	90.4	2.9	0.7
821	4/13/2016 22:31:40	13.76	47.71	31.06	7.71	7.89	9.3	2.543	90.2	3.5	0.8
822	4/13/2016 22:46:40	13.78	47.69	31.05	7.70	7.89	11.6	2.490	90.1	2.7	0.6
823	4/13/2016 23:01:40	13.74	47.68	31.04	7.69	7.89	13.3	2.460	89.9	2.4	0.6
824	4/13/2016 23:16:40	13.78	47.61	30.99	7.70	7.89	10.9	2.379	90.1	3.2	0.8
825	4/13/2016 23:31:40	13.93	47.53	30.93	7.65	7.89	7.4	2.379	89.8	3.3	0.8
826	4/13/2016 23:46:40	13.91	47.48	30.90	7.58	7.89	12.1	2.342	88.9	2.7	0.6
827	4/14/2016 00:01:40	13.92	47.53	30.93	7.60	7.89	5.9	2.335	89.1	3.2	0.8
828	4/14/2016 00:16:40	13.95	47.43	30.87	7.62	7.89	5.7	2.285	89.4	3.2	0.8
829	4/14/2016 00:31:40	13.95	47.43	30.87	7.45	7.88	5.2	2.344	87.4	3.3	0.8
830	4/14/2016 00:46:40	13.93	47.47	30.90	7.61	7.89	5.1	2.305	89.2	3.1	0.7
831	4/14/2016 01:01:40	13.90	47.47	30.89	7.63	7.89	5.0	2.348	89.4	3.0	0.7
832	4/14/2016 01:16:40	13.87	47.55	30.95	7.66	7.89	5.5	2.400	89.8	2.5	0.6
833	4/14/2016 01:31:40	13.81	47.55	30.95	7.67	7.89	5.3	2.395	89.8	3.2	0.7
834	4/14/2016 01:46:40	13.73	47.63	31.00	7.67	7.89	4.8	2.443	89.6	2.4	0.6
835	4/14/2016 02:01:40	13.63	47.63	31.00	7.70	7.89	4.7	2.500	89.8	2.4	0.6
836	4/14/2016 02:16:40	13.58	47.73	31.07	7.70	7.89	4.7	2.581	89.7	2.8	0.7
837	4/14/2016 02:31:40	13.51	47.82	31.13	7.71	7.89	5.0	2.626	89.8	2.7	0.6
838	4/14/2016 02:46:40	13.43	47.88	31.18	7.74	7.89	4.5	2.686	90.0	2.0	0.5
839	4/14/2016 03:01:40	13.34	48.01	31.27	7.80	7.89	4.3	2.738	90.6	2.5	0.6
840	4/14/2016 03:16:40	13.25	48.06	31.30	7.82	7.89	4.6	2.797	90.7	2.3	0.6
841	4/14/2016 03:31:40	13.21	48.13	31.35	7.86	7.89	4.4	2.861	91.1	1.9	0.5
842	4/14/2016 03:46:40	13.17	48.22	31.41	7.86	7.89	4.2	2.917	91.1	2.1	0.5
843	4/14/2016 04:01:40	13.13	48.27	31.45	7.90	7.89	3.8	3.015	91.4	2.5	0.6
844	4/14/2016 04:16:40	13.10	48.31	31.47	7.91	7.89	3.9	3.054	91.5	2.2	0.5
845	4/14/2016 04:31:40	12.97	48.45	31.57	7.93	7.89	4.4	3.122	91.5	2.6	0.6
846	4/14/2016 04:46:40	12.82	48.56	31.65	7.98	7.89	3.9	3.186	91.9	2.4	0.6
847	4/14/2016 05:01:40	12.73	48.68	31.73	7.98	7.89	3.7	3.234	91.8	1.5	0.4
848	4/14/2016 05:16:40	12.63	48.73	31.76	7.98	7.89	3.9	3.271	91.6	1.7	0.4
849	4/14/2016 05:31:40	12.56	48.76	31.78	7.96	7.89	3.4	3.319	91.2	1.6	0.4
850	4/14/2016 05:46:40	12.49	48.82	31.82	7.94	7.89	3.2	3.363	91.0	1.7	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	4/14/2016 06:01:40	12.41	48.83	31.82	7.96	7.88	3.0	3.366	90.9	2.6	0.6
852	4/14/2016 06:16:40	12.38	48.84	31.83	7.78	7.88	2.8	3.391	88.9	1.8	0.4
853	4/14/2016 06:31:40	12.48	48.83	31.83	7.80	7.88	3.0	3.403	89.3	1.9	0.4
854	4/14/2016 06:46:40	12.47	48.83	31.82	7.80	7.88	3.8	3.365	89.3	1.4	0.3
855	4/14/2016 07:01:40	12.60	48.51	31.60	7.77	7.88	3.9	3.319	89.0	2.1	0.5
856	4/14/2016 07:16:40	12.79	48.33	31.48	7.75	7.88	3.9	3.309	89.1	1.8	0.4
857	4/14/2016 07:31:40	12.93	48.11	31.32	7.75	7.88	6.0	3.228	89.3	2.1	0.5
858	4/14/2016 07:46:40	12.95	48.14	31.34	7.72	7.88	5.3	3.186	89.0	2.1	0.5
859	4/14/2016 08:01:40	12.91	48.23	31.41	7.75	7.88	5.6	3.092	89.3	1.8	0.4
860	4/14/2016 08:16:40	13.01	48.09	31.31	7.77	7.88	5.3	3.001	89.7	1.7	0.4
861	4/14/2016 08:31:40	13.03	48.12	31.33	7.81	7.88	4.8	2.938	90.2	2.3	0.5
862	4/14/2016 08:46:40	13.06	48.06	31.29	7.81	7.88	5.2	2.837	90.2	2.0	0.5
863	4/14/2016 09:01:39	13.10	47.98	31.23	7.75	7.88	4.9	2.739	89.6	2.4	0.6
864	4/14/2016 09:16:40	13.15	47.83	31.13	7.73	7.88	4.8	2.652	89.3	1.7	0.4
865	4/14/2016 09:31:40	13.19	47.76	31.08	7.74	7.88	5.0	2.589	89.5	1.9	0.4
866	4/14/2016 09:46:40	13.25	47.48	30.88	7.73	7.87	6.4	2.517	89.4	2.2	0.5
867	4/14/2016 10:01:40	13.32	47.60	30.97	7.84	7.88	6.5	2.413	90.9	2.7	0.6
868	4/14/2016 10:16:40	13.40	47.53	30.92	7.87	7.88	6.5	2.291	91.3	2.8	0.6
869	4/14/2016 10:31:40	13.59	47.36	30.80	7.93	7.89	7.4	2.198	92.4	2.5	0.6
870	4/14/2016 10:46:40	13.67	47.16	30.66	7.87	7.88	8.4	2.152	91.7	2.8	0.6
871	4/14/2016 11:01:40	13.74	47.15	30.66	7.92	7.89	8.3	2.040	92.4	3.0	0.7
872	4/14/2016 11:16:40	13.81	47.13	30.65	7.98	7.89	8.6	1.939	93.2	2.9	0.7
873	4/14/2016 11:31:40	13.90	47.07	30.61	8.00	7.90	8.9	1.860	93.7	2.7	0.6
874	4/14/2016 11:46:40	14.01	47.00	30.55	8.00	7.90	11.2	1.762	93.8	2.9	0.7
875	4/14/2016 12:01:40	14.08	46.89	30.48	7.91	7.90	12.5	1.751	92.8	3.3	0.8
876	4/14/2016 12:16:40	14.14	46.74	30.37	7.87	7.89	12.3	1.660	92.4	3.3	0.8
877	4/14/2016 12:31:40	14.23	46.77	30.39	7.82	7.89	13.0	1.596	92.0	3.7	0.9
878	4/14/2016 12:46:40	14.32	46.70	30.35	7.75	7.89	13.8	1.528	91.3	3.5	0.8
879	4/14/2016 13:01:40	14.38	46.70	30.35	7.50	7.88	12.3	1.546	88.4	3.8	0.9
880	4/14/2016 13:16:40	14.34	46.75	30.39	7.55	7.88	11.2	1.495	89.0	2.6	0.6
881	4/14/2016 13:31:40	14.29	46.70	30.35	7.71	7.88	13.9	1.538	90.8	3.9	0.9
882	4/14/2016 13:46:40	14.09	46.77	30.39	7.52	7.86	13.0	1.575	88.2	3.4	0.8
883	4/14/2016 14:01:40	14.15	46.81	30.42	7.74	7.88	10.1	1.630	90.9	3.8	0.9
884	4/14/2016 14:16:40	14.17	46.72	30.36	7.79	7.88	9.7	1.674	91.5	3.9	0.9
885	4/14/2016 14:31:40	14.24	45.70	29.63	7.91	7.87	9.2	1.705	92.6	3.6	0.9
886	4/14/2016 14:46:40	14.11	45.38	29.39	7.90	7.87	8.6	1.772	92.1	3.8	0.9
887	4/14/2016 15:01:40	14.14	45.87	29.74	7.84	7.87	8.3	1.904	91.7	3.7	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	4/14/2016 15:16:40	13.93	46.59	30.26	7.82	7.87	8.0	2.022	91.3	3.3	0.8
889	4/14/2016 15:31:40	13.80	46.77	30.38	7.77	7.87	7.5	2.075	90.6	3.5	0.8
890	4/14/2016 15:46:40	13.68	46.95	30.51	7.74	7.87	7.1	2.183	90.1	3.8	0.9
891	4/14/2016 16:01:40	13.65	47.02	30.56	7.77	7.87	6.4	2.227	90.5	2.7	0.6
892	4/14/2016 16:16:40	13.67	47.08	30.60	7.78	7.87	5.4	2.322	90.6	3.2	0.8
893	4/14/2016 16:31:40	13.71	47.18	30.68	7.79	7.88	5.9	2.391	90.8	3.4	0.8
894	4/14/2016 16:46:40	13.71	47.30	30.76	7.79	7.88	5.3	2.445	90.9	3.0	0.7
895	4/14/2016 17:01:40	13.71	47.37	30.82	7.79	7.88	5.0	2.547	90.9	2.9	0.7
896	4/14/2016 17:16:40	13.62	47.44	30.86	7.79	7.88	4.9	2.586	90.8	2.8	0.7
897	4/14/2016 17:31:40	13.67	47.48	30.89	7.80	7.88	4.8	2.659	91.0	2.8	0.7
898	4/14/2016 17:46:40	13.66	47.46	30.88	7.79	7.88	4.8	2.736	90.9	2.1	0.5
899	4/14/2016 18:01:40	13.45	47.53	30.92	7.77	7.88	5.0	2.832	90.2	2.6	0.6
900	4/14/2016 18:16:40	13.40	47.68	31.03	7.81	7.88	4.9	2.854	90.7	2.0	0.5
901	4/14/2016 18:31:40	13.39	47.77	31.09	7.85	7.88	4.9	2.933	91.2	2.6	0.6
902	4/14/2016 18:46:40	13.34	47.90	31.19	7.89	7.88	5.6	2.965	91.6	1.9	0.4
903	4/14/2016 19:01:40	13.28	47.94	31.21	7.92	7.88	4.5	3.035	91.8	2.2	0.5
904	4/14/2016 19:16:40	13.21	48.08	31.31	7.96	7.88	4.1	3.118	92.2	1.8	0.4
905	4/14/2016 19:31:40	13.11	48.07	31.30	8.00	7.88	3.9	3.155	92.5	2.1	0.5
906	4/14/2016 19:46:40	12.89	48.26	31.43	8.21	7.89	3.8	3.195	94.5	2.3	0.5
907	4/14/2016 20:01:40	12.80	48.39	31.52	8.24	7.89	3.5	3.201	94.8	2.4	0.6
908	4/14/2016 20:16:40	12.97	48.27	31.44	8.13	7.88	4.3	3.232	93.8	2.3	0.5
909	4/14/2016 20:31:40	12.77	48.45	31.56	8.19	7.88	3.2	3.211	94.2	1.7	0.4
910	4/14/2016 20:46:41	12.83	48.39	31.52	8.18	7.88	3.7	3.170	94.2	2.7	0.6
911	4/14/2016 21:01:40	12.97	48.24	31.42	8.02	7.88	3.9	3.155	92.5	1.8	0.4
912	4/14/2016 21:16:40	13.11	48.07	31.30	7.87	7.88	3.8	3.080	91.0	2.0	0.5
913	4/14/2016 21:31:40	13.38	47.72	31.05	7.72	7.88	6.7	3.028	89.6	3.1	0.7
914	4/14/2016 21:46:40	13.30	47.86	31.16	7.71	7.88	5.5	2.990	89.4	2.6	0.6
915	4/14/2016 22:01:40	13.46	47.67	31.02	7.70	7.88	5.2	2.930	89.5	2.8	0.7
916	4/14/2016 22:16:40	13.67	47.40	30.84	7.68	7.88	5.4	2.877	89.6	2.9	0.7
917	4/14/2016 22:31:40	13.71	47.37	30.82	7.65	7.88	5.6	2.808	89.3	3.0	0.7
918	4/14/2016 22:46:40	13.68	47.35	30.80	7.68	7.88	5.4	2.715	89.6	2.5	0.6
919	4/14/2016 23:01:40	13.71	47.33	30.78	7.59	7.88	5.5	2.669	88.5	2.4	0.6
920	4/14/2016 23:16:40	13.71	47.29	30.75	7.60	7.88	5.7	2.604	88.7	2.8	0.7
921	4/14/2016 23:31:41	13.68	47.23	30.71	7.60	7.87	6.1	2.538	88.6	3.0	0.7
922	4/14/2016 23:46:40	13.70	47.13	30.64	7.59	7.87	6.1	2.481	88.4	3.0	0.7
923	4/15/2016 00:01:40	13.72	47.04	30.58	7.64	7.87	5.6	2.422	89.0	3.3	0.8
924	4/15/2016 00:16:40	13.64	47.03	30.57	7.61	7.87	5.9	2.398	88.5	3.7	0.9

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	4/15/2016 00:31:40	13.77	46.77	30.38	7.64	7.87	5.9	2.341	89.0	3.8	0.9
926	4/15/2016 00:46:40	13.76	46.77	30.38	7.59	7.86	5.9	2.305	88.4	3.2	0.8
927	4/15/2016 01:01:40	13.73	46.79	30.40	7.55	7.86	6.1	2.264	87.9	3.9	0.9
928	4/15/2016 01:16:40	13.80	46.73	30.36	7.52	7.86	5.4	2.243	87.7	3.4	0.8
929	4/15/2016 01:31:40	13.84	46.68	30.32	7.42	7.86	5.3	2.218	86.5	3.8	0.9
930	4/15/2016 01:46:40	13.77	46.67	30.31	7.24	7.85	4.8	2.210	84.4	3.8	0.9
931	4/15/2016 02:01:40	13.77	46.84	30.43	7.50	7.86	4.4	2.238	87.4	3.0	0.7
932	4/15/2016 02:16:40	13.74	46.87	30.46	7.54	7.86	5.3	2.242	87.8	3.0	0.7
933	4/15/2016 02:31:40	13.71	46.90	30.47	7.59	7.86	5.1	2.276	88.4	3.4	0.8
934	4/15/2016 02:46:40	13.68	46.88	30.46	7.56	7.86	5.3	2.321	88.0	2.9	0.7
935	4/15/2016 03:01:40	13.65	46.85	30.43	7.59	7.86	5.1	2.351	88.2	3.5	0.8
936	4/15/2016 03:16:40	13.65	47.00	30.54	7.58	7.87	5.4	2.417	88.2	3.3	0.8
937	4/15/2016 03:31:40	13.64	47.03	30.57	7.59	7.87	5.0	2.469	88.3	2.9	0.7
938	4/15/2016 03:46:40	13.63	47.02	30.56	7.60	7.87	5.6	2.505	88.4	3.1	0.7
939	4/15/2016 04:01:40	13.60	47.16	30.66	7.63	7.88	4.7	2.579	88.8	2.5	0.6
940	4/15/2016 04:16:40	13.53	47.24	30.71	7.65	7.88	4.7	2.645	88.9	3.1	0.7
941	4/15/2016 04:31:40	13.45	47.38	30.81	7.67	7.88	4.6	2.695	89.1	2.6	0.6
942	4/15/2016 04:46:40	13.35	47.55	30.93	7.72	7.89	4.3	2.743	89.5	2.1	0.5
943	4/15/2016 05:01:40	13.27	47.63	30.99	7.76	7.89	4.3	2.805	89.8	2.9	0.7
944	4/15/2016 05:16:41	13.19	47.81	31.12	7.81	7.90	4.2	2.849	90.3	2.5	0.6
945	4/15/2016 05:31:40	13.15	47.83	31.13	7.83	7.90	3.9	2.916	90.5	2.4	0.6
946	4/15/2016 05:46:40	13.10	47.85	31.14	7.89	7.90	3.6	2.982	91.1	2.0	0.5
947	4/15/2016 06:01:40	13.01	47.95	31.21	7.96	7.91	3.9	3.025	91.7	3.0	0.7
948	4/15/2016 06:16:41	12.93	48.11	31.33	8.03	7.91	3.9	3.058	92.5	2.2	0.5
949	4/15/2016 06:31:40	12.92	48.04	31.27	8.02	7.92	4.0	3.111	92.4	2.4	0.6
950	4/15/2016 06:46:41	12.85	48.14	31.34	8.00	7.91	3.9	3.137	92.0	1.5	0.4
951	4/15/2016 07:01:41	12.81	48.17	31.36	7.98	7.91	3.4	3.189	91.7	1.9	0.4
952	4/15/2016 07:16:41	12.77	48.19	31.38	7.97	7.92	3.5	3.209	91.5	1.4	0.3
953	4/15/2016 07:31:40	12.75	48.17	31.36	7.92	7.91	3.1	3.203	90.9	1.4	0.3
954	4/15/2016 07:46:40	12.76	48.20	31.38	7.91	7.91	3.6	3.199	90.8	1.5	0.4
955	4/15/2016 08:01:40	12.80	48.18	31.37	7.91	7.91	4.3	3.181	90.9	1.6	0.4
956	4/15/2016 08:16:40	12.92	47.76	31.07	7.80	7.91	4.2	3.184	89.7	1.8	0.4
957	4/15/2016 08:31:40	12.95	47.76	31.07	7.76	7.91	4.5	3.128	89.3	2.1	0.5
958	4/15/2016 08:46:40	13.07	47.61	30.97	7.76	7.91	7.2	3.056	89.5	1.7	0.4
959	4/15/2016 09:01:40	13.19	47.62	30.98	7.85	7.92	5.2	2.999	90.7	2.1	0.5
960	4/15/2016 09:16:40	13.20	47.78	31.09	8.04	7.93	4.2	2.947	93.0	2.1	0.5
961	4/15/2016 09:31:40	13.15	47.46	30.86	7.78	7.92	5.3	2.842	89.8	2.0	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	4/15/2016 09:46:40	13.30	47.22	30.70	7.78	7.92	5.6	2.765	90.0	2.7	0.6
963	4/15/2016 10:01:41	13.54	47.18	30.67	7.83	7.92	5.0	2.690	91.0	2.0	0.5
964	4/15/2016 10:16:40	13.66	47.08	30.60	7.80	7.92	5.0	2.622	90.8	2.5	0.6
965	4/15/2016 10:31:40	13.83	46.97	30.53	7.81	7.92	4.9	2.525	91.2	2.2	0.5
966	4/15/2016 10:46:40	13.94	46.99	30.54	7.88	7.93	5.5	2.430	92.2	2.2	0.5
967	4/15/2016 11:01:40	13.80	46.90	30.48	7.89	7.93	6.0	2.334	92.1	2.5	0.6
968	4/15/2016 11:16:40	13.95	46.88	30.47	7.88	7.92	6.5	2.244	92.2	2.6	0.6
969	4/15/2016 11:31:40	14.20	46.76	30.39	7.96	7.93	6.4	2.139	93.6	2.7	0.6
970	4/15/2016 11:46:39	14.29	46.67	30.32	8.03	7.93	8.0	2.025	94.5	3.0	0.7
971	4/15/2016 12:01:40	14.54	46.57	30.26	8.07	7.93	9.7	1.940	95.4	2.7	0.6
972	4/15/2016 12:16:40	14.70	46.62	30.30	8.01	7.93	9.8	1.870	95.1	2.8	0.7
973	4/15/2016 12:31:40	14.63	46.61	30.29	7.84	7.91	8.9	1.762	92.9	2.8	0.7
974	4/15/2016 12:46:40	14.78	46.63	30.31	7.90	7.92	9.5	1.677	93.9	2.8	0.7
975	4/15/2016 13:01:41	14.78	46.59	30.28	7.84	7.91	9.3	1.612	93.2	2.9	0.7
976	4/15/2016 13:16:40	14.73	46.51	30.22	7.70	7.90	9.4	1.575	91.4	2.7	0.6
977	4/15/2016 13:31:40	14.73	46.53	30.23	7.45	7.89	8.1	1.527	88.5	3.2	0.8
978	4/15/2016 13:46:40	14.77	46.48	30.20	7.24	7.88	7.0	1.474	86.0	2.8	0.7
979	4/15/2016 14:01:40	14.74	46.55	30.25	7.39	7.87	7.5	1.477	87.7	2.7	0.6
980	4/15/2016 14:16:40	14.91	46.60	30.29	7.91	7.90	8.3	1.519	94.3	3.2	0.8
981	4/15/2016 14:31:40	14.81	46.60	30.29	7.85	7.89	7.4	1.511	93.4	2.9	0.7
982	4/15/2016 14:46:40	14.82	46.54	30.25	7.86	7.89	6.7	1.557	93.5	3.8	0.9
983	4/15/2016 15:01:40	14.79	46.53	30.23	7.91	7.89	6.7	1.613	94.0	4.0	0.9
984	4/15/2016 15:16:39	14.86	46.42	30.16	7.93	7.89	6.7	1.647	94.3	4.4	1.0
985	4/15/2016 15:31:40	14.75	46.49	30.21	7.87	7.88	6.2	1.695	93.4	4.1	1.0
986	4/15/2016 15:46:41	14.85	46.25	30.04	7.93	7.88	6.4	1.762	94.2	3.5	0.8
987	4/15/2016 16:01:41	14.88	46.22	30.02	7.96	7.88	6.2	1.846	94.7	4.2	1.0
988	4/15/2016 16:16:40	14.78	46.25	30.03	7.90	7.88	6.1	1.884	93.7	3.7	0.9
989	4/15/2016 16:31:40	14.70	46.31	30.07	7.85	7.87	6.5	1.992	93.0	3.8	0.9
990	4/15/2016 16:46:40	14.52	46.37	30.11	7.79	7.87	5.2	2.059	92.0	2.8	0.7
991	4/15/2016 17:01:40	14.29	46.39	30.13	7.76	7.86	4.9	2.131	91.3	3.0	0.7
992	4/15/2016 17:16:40	14.12	46.63	30.29	7.77	7.87	5.1	2.209	91.1	3.2	0.8
993	4/15/2016 17:31:41	14.00	46.80	30.41	7.76	7.87	4.5	2.280	90.9	4.0	0.9
994	4/15/2016 17:46:41	13.90	46.97	30.53	7.74	7.87	4.5	2.359	90.5	2.4	0.6
995	4/15/2016 18:01:41	13.86	47.08	30.61	7.71	7.87	4.4	2.445	90.1	2.2	0.5
996	4/15/2016 18:16:40	13.87	47.01	30.56	7.75	7.88	4.5	2.523	90.6	2.3	0.5
997	4/15/2016 18:31:40	13.92	46.98	30.54	7.79	7.88	4.3	2.601	91.2	2.4	0.6
998	4/15/2016 18:46:40	13.77	47.20	30.70	7.76	7.88	5.0	2.677	90.5	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	4/15/2016 19:01:40	13.69	47.27	30.74	7.77	7.88	5.1	2.740	90.6	2.4	0.6
1000	4/15/2016 19:16:41	13.67	47.35	30.80	7.81	7.88	4.5	2.813	91.1	2.5	0.6
1001	4/15/2016 19:31:41	13.72	47.35	30.80	7.93	7.88	4.7	2.880	92.5	2.7	0.6
1002	4/15/2016 19:46:40	13.52	47.49	30.90	7.96	7.89	5.0	2.942	92.6	2.6	0.6
1003	4/15/2016 20:01:41	13.41	47.58	30.95	8.01	7.89	5.3	3.012	93.0	2.9	0.7
1004	4/15/2016 20:16:40	13.33	47.62	30.98	8.08	7.90	4.2	3.058	93.7	2.4	0.6
1005	4/15/2016 20:31:40	13.24	47.76	31.08	8.14	7.91	4.5	3.106	94.2	2.4	0.6
1006	4/15/2016 20:46:40	13.15	47.89	31.17	8.15	7.91	4.0	3.152	94.2	3.2	0.8
1007	4/15/2016 21:01:41	13.10	47.97	31.23	8.17	7.91	3.7	3.172	94.4	2.9	0.7
1008	4/15/2016 21:16:41	13.22	47.84	31.14	8.04	7.92	12.1	3.188	93.1	3.1	0.7
1009	4/15/2016 21:31:40	13.10	47.91	31.19	8.07	7.92	3.6	3.192	93.3	2.5	0.6
1010	4/15/2016 21:46:41	13.11	47.95	31.21	8.04	7.92	4.5	3.160	92.9	2.5	0.6
1011	4/15/2016 22:01:41	13.23	47.70	31.04	7.92	7.91	7.9	3.117	91.7	2.3	0.5
1012	4/15/2016 22:16:41	13.19	47.65	31.00	7.95	7.92	9.0	3.067	91.9	2.9	0.7
1013	4/15/2016 22:31:40	13.26	47.66	31.01	7.98	7.92	9.4	3.001	92.3	2.9	0.7
1014	4/15/2016 22:46:40	13.35	47.52	30.91	7.95	7.92	7.5	2.937	92.1	2.3	0.5
1015	4/15/2016 23:01:40	13.34	47.49	30.89	7.92	7.92	6.5	2.833	91.8	2.8	0.7
1016	4/15/2016 23:16:40	13.37	47.40	30.82	7.87	7.92	6.5	2.788	91.2	2.6	0.6
1017	4/15/2016 23:31:40	13.54	47.23	30.71	7.72	7.92	7.2	2.708	89.8	2.9	0.7
1018	4/15/2016 23:46:40	13.62	47.07	30.60	7.67	7.91	7.3	2.631	89.3	3.1	0.7
1019	4/16/2016 00:01:40	13.69	46.95	30.51	7.64	7.91	7.9	2.570	89.0	3.2	0.8
1020	4/16/2016 00:16:40	13.75	46.78	30.39	7.65	7.91	8.3	2.495	89.1	3.3	0.8
1021	4/16/2016 00:31:40	13.85	46.53	30.21	7.66	7.91	8.4	2.438	89.3	3.1	0.7
1022	4/16/2016 00:46:40	13.87	46.48	30.18	7.63	7.91	8.2	2.356	88.9	3.0	0.7
1023	4/16/2016 01:01:40	13.89	46.44	30.15	7.63	7.91	8.1	2.287	89.0	3.4	0.8
1024	4/16/2016 01:16:40	13.89	46.38	30.10	7.62	7.90	8.6	2.224	88.9	3.3	0.8
1025	4/16/2016 01:31:41	14.00	46.38	30.11	7.60	7.90	9.5	2.176	88.8	3.2	0.8
1026	4/16/2016 01:46:41	14.06	46.35	30.09	7.60	7.90	10.9	2.122	89.0	3.4	0.8
1027	4/16/2016 02:01:40	14.08	46.39	30.12	7.57	7.90	9.7	2.091	88.6	3.8	0.9
1028	4/16/2016 02:16:40	14.20	46.37	30.11	7.56	7.89	10.3	2.040	88.7	3.4	0.8
1029	4/16/2016 02:31:40	14.33	46.36	30.10	7.49	7.89	10.4	2.041	88.2	14.3	3.4
1030	4/16/2016 02:46:40	14.30	46.35	30.09	7.25	7.88	10.0	2.019	85.3	4.0	0.9
1031	4/16/2016 03:01:40	14.25	46.28	30.04	7.50	7.88	9.5	2.020	88.1	3.7	0.9
1032	4/16/2016 03:16:40	14.19	46.18	29.97	7.57	7.88	9.7	2.044	88.8	3.6	0.8
1033	4/16/2016 03:31:40	14.11	46.28	30.04	7.54	7.87	9.2	2.081	88.3	3.5	0.8
1034	4/16/2016 03:46:40	14.02	46.32	30.06	7.57	7.87	8.0	2.128	88.5	4.0	0.9
1035	4/16/2016 04:01:40	13.96	46.19	29.97	7.56	7.87	7.3	2.169	88.2	3.7	0.9

sonde #1

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	4/16/2016 04:16:40	13.94	46.26	30.02	7.57	7.87	6.7	2.224	88.3	3.1	0.7
1037	4/16/2016 04:31:40	13.88	46.30	30.05	7.55	7.87	6.6	2.291	88.1	3.2	0.7
1038	4/16/2016 04:46:40	13.85	46.34	30.07	7.58	7.88	6.6	2.346	88.3	2.6	0.6
1039	4/16/2016 05:01:40	13.76	46.51	30.20	7.61	7.88	6.2	2.412	88.6	2.4	0.6
1040	4/16/2016 05:16:40	13.69	46.68	30.32	7.63	7.89	5.9	2.469	88.8	2.7	0.6
1041	4/16/2016 05:31:40	13.64	46.81	30.41	7.65	7.89	5.3	2.526	88.9	3.0	0.7
1042	4/16/2016 05:46:40	13.58	47.03	30.56	7.70	7.90	5.2	2.595	89.5	2.7	0.6
1043	4/16/2016 06:01:40	13.51	47.21	30.69	7.78	7.90	4.8	2.641	90.3	2.5	0.6
1044	4/16/2016 06:16:41	13.48	47.31	30.77	7.79	7.90	4.2	2.708	90.5	2.7	0.6
1045	4/16/2016 06:31:41	13.46	47.39	30.82	7.79	7.90	4.5	2.759	90.4	2.5	0.6
1046	4/16/2016 06:46:40	13.43	47.43	30.85	7.82	7.90	4.0	2.826	90.8	2.3	0.5
1047	4/16/2016 07:01:40	13.42	47.42	30.84	7.83	7.90	4.0	2.881	90.9	1.6	0.4
1048	4/16/2016 07:16:40	13.29	47.46	30.87	7.88	7.91	4.4	2.931	91.2	2.0	0.5
1049	4/16/2016 07:31:40	13.19	47.61	30.97	7.89	7.92	4.5	2.988	91.2	2.3	0.5
1050	4/16/2016 07:46:41	13.12	47.65	31.00	7.92	7.93	4.4	3.028	91.4	2.1	0.5
1051	4/16/2016 08:01:40	13.12	47.70	31.03	7.91	7.93	5.2	3.073	91.4	2.1	0.5
1052	4/16/2016 08:16:40	13.08	47.73	31.06	7.91	7.93	5.1	3.109	91.2	2.0	0.5
1053	4/16/2016 08:31:41	12.92	47.83	31.12	7.87	7.93	3.6	3.130	90.6	2.1	0.5
1054	4/16/2016 08:46:41	12.91	47.84	31.12	7.76	7.93	6.5	3.136	89.2	2.0	0.5
1055	4/16/2016 09:01:40	12.99	47.73	31.05	7.77	7.93	4.9	3.132	89.4	2.0	0.5
1056	4/16/2016 09:16:41	12.92	47.82	31.11	7.75	7.93	4.2	3.120	89.2	1.9	0.4
1057	4/16/2016 09:31:41	13.35	47.46	30.87	7.79	7.93	4.6	3.090	90.2	2.2	0.5
1058	4/16/2016 09:46:40	13.28	47.44	30.85	7.81	7.93	5.1	3.025	90.4	2.7	0.6
1059	4/16/2016 10:01:40	13.48	47.25	30.72	7.86	7.94	4.9	2.971	91.2	2.0	0.5
1060	4/16/2016 10:16:40	13.58	47.35	30.80	7.98	7.95	5.0	2.906	92.8	1.4	0.3
1061	4/16/2016 10:31:40	13.89	47.32	30.78	8.15	7.96	5.1	2.826	95.4	1.6	0.4
1062	4/16/2016 10:46:40	13.71	47.07	30.59	7.88	7.94	6.8	2.746	91.8	2.4	0.6
1063	4/16/2016 11:01:40	13.71	47.01	30.56	7.81	7.94	5.6	2.667	91.0	2.0	0.5
1064	4/16/2016 11:16:40	13.94	46.74	30.37	7.87	7.94	5.6	2.581	92.0	2.3	0.5
1065	4/16/2016 11:31:40	14.01	46.64	30.30	7.85	7.94	5.5	2.493	91.8	1.8	0.4
1066	4/16/2016 11:46:40	14.17	46.51	30.21	7.94	7.94	6.1	2.408	93.1	2.1	0.5
1067	4/16/2016 12:01:40	14.61	46.41	30.14	8.00	7.95	6.4	2.315	94.6	2.3	0.5
1068	4/16/2016 12:16:40	14.61	46.37	30.11	8.01	7.95	6.6	2.216	94.8	2.9	0.7
1069	4/16/2016 12:31:40	14.73	46.33	30.09	8.03	7.95	6.5	2.130	95.3	2.6	0.6
1070	4/16/2016 12:46:39	15.06	46.27	30.06	8.05	7.95	7.2	2.013	96.1	2.7	0.6
1071	4/16/2016 13:01:40	15.13	46.32	30.09	8.07	7.95	7.7	1.918	96.5	2.8	0.7
1072	4/16/2016 13:16:40	15.30	46.33	30.10	8.02	7.95	8.9	1.836	96.3	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	4/16/2016 13:31:40	15.42	46.29	30.07	7.98	7.95	9.5	1.748	95.9	2.3	0.5
1074	4/16/2016 13:46:40	15.59	46.23	30.03	7.97	7.95	11.7	1.670	96.1	2.1	0.5
1075	4/16/2016 14:01:40	15.65	46.19	30.01	7.91	7.95	12.8	1.604	95.5	2.4	0.6
1076	4/16/2016 14:16:40	15.63	46.10	29.94	7.81	7.94	14.3	1.535	94.3	2.2	0.5
1077	4/16/2016 14:31:40	15.71	46.15	29.98	7.78	7.94	15.0	1.516	94.1	3.0	0.7
1078	4/16/2016 14:46:40	15.90	45.96	29.84	7.55	7.93	12.5	1.473	91.6	2.8	0.7
1079	4/16/2016 15:01:40	16.16	46.38	30.15	8.13	7.95	17.8	1.488	99.2	2.9	0.7
1080	4/16/2016 15:16:40	15.51	46.24	30.04	7.83	7.93	9.8	1.493	94.3	3.0	0.7
1081	4/16/2016 15:31:40	15.48	46.23	30.03	7.95	7.94	9.4	1.523	95.7	3.0	0.7
1082	4/16/2016 15:46:40	15.72	46.21	30.02	7.99	7.95	8.8	1.563	96.6	3.4	0.8
1083	4/16/2016 16:01:40	15.56	46.18	30.00	7.84	7.94	8.9	1.610	94.5	3.5	0.8
1084	4/16/2016 16:16:40	15.76	45.57	29.56	7.92	7.94	10.6	1.672	95.6	2.9	0.7
1085	4/16/2016 16:31:40	15.55	45.94	29.83	7.84	7.93	6.8	1.722	94.4	2.5	0.6
1086	4/16/2016 16:46:40	15.52	45.75	29.69	7.79	7.93	8.3	1.785	93.7	3.2	0.8
1087	4/16/2016 17:01:40	15.37	45.80	29.72	7.80	7.93	7.8	1.854	93.5	3.4	0.8
1088	4/16/2016 17:16:40	15.18	45.95	29.83	7.78	7.93	6.0	1.921	93.0	2.4	0.6
1089	4/16/2016 17:31:40	14.93	45.98	29.84	7.76	7.93	6.1	1.997	92.3	2.7	0.6
1090	4/16/2016 17:46:40	14.81	46.02	29.87	7.85	7.94	6.4	2.072	93.1	3.1	0.7
1091	4/16/2016 18:01:40	14.76	46.01	29.86	7.90	7.94	5.8	2.148	93.6	2.9	0.7
1092	4/16/2016 18:16:40	14.57	46.29	30.06	7.85	7.94	5.2	2.244	92.8	2.8	0.7
1093	4/16/2016 18:31:40	14.27	46.71	30.35	7.84	7.94	6.0	2.321	92.3	2.4	0.6
1094	4/16/2016 18:46:40	14.29	46.69	30.34	7.89	7.95	6.1	2.404	92.9	2.2	0.5
1095	4/16/2016 19:01:40	14.23	46.91	30.50	7.94	7.96	5.6	2.490	93.4	2.7	0.6
1096	4/16/2016 19:16:40	14.15	47.04	30.59	7.90	7.96	5.6	2.569	92.9	2.0	0.5
1097	4/16/2016 19:31:40	14.00	47.13	30.65	7.90	7.96	5.8	2.648	92.7	2.1	0.5
1098	4/16/2016 19:46:40	14.07	47.09	30.63	7.95	7.97	5.3	2.723	93.3	3.0	0.7
1099	4/16/2016 20:01:40	13.88	47.18	30.68	8.01	7.97	7.3	2.796	93.7	3.0	0.7
1100	4/16/2016 20:16:40	13.78	47.30	30.77	8.05	7.97	7.3	2.868	94.0	3.3	0.8
1101	4/16/2016 20:31:40	13.67	47.49	30.90	8.11	7.98	8.0	2.960	94.6	3.0	0.7
1102	4/16/2016 20:46:41	13.51	47.62	30.99	8.08	7.98	6.8	3.019	94.0	2.9	0.7
1103	4/16/2016 21:01:40	13.39	47.77	31.09	8.05	7.99	6.3	3.077	93.5	2.4	0.6
1104	4/16/2016 21:16:40	13.22	47.95	31.22	8.04	7.99	5.6	3.136	93.1	3.1	0.7
1105	4/16/2016 21:31:41	13.09	48.18	31.38	8.00	8.00	4.9	3.184	92.5	2.4	0.6
1106	4/16/2016 21:46:41	13.03	48.24	31.42	7.95	8.00	4.0	3.209	91.8	2.8	0.7
1107	4/16/2016 22:01:41	12.99	48.25	31.43	7.85	8.00	3.6	3.240	90.6	3.2	0.7
1108	4/16/2016 22:16:41	12.99	48.27	31.44	7.64	7.99	3.0	3.238	88.2	3.8	0.9
1109	4/16/2016 22:31:41	13.02	48.25	31.43	7.84	7.99	4.0	3.230	90.6	2.1	0.5

sonde #1

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
1110	4/16/2016 22:46:40	13.08	48.14	31.35	7.84	7.99	4.4	3.184	90.6	2.4	0.6
1111	4/16/2016 23:01:40	13.95	47.12	30.64	7.62	7.96	7.7	3.123	89.3	2.3	0.5
1112	4/16/2016 23:16:40	13.98	47.16	30.67	7.67	7.97	6.4	3.056	90.0	2.9	0.7
1113	4/16/2016 23:31:40	13.74	47.37	30.82	7.87	7.98	6.1	2.992	91.9	2.5	0.6
1114	4/16/2016 23:46:40	13.74	47.36	30.81	7.86	7.98	8.7	2.908	91.7	2.2	0.5
1115	4/17/2016 00:01:40	14.01	46.91	30.49	7.81	7.98	6.8	2.827	91.5	2.4	0.6
1116	4/17/2016 00:16:40	14.08	46.80	30.41	7.78	7.97	7.2	2.755	91.3	2.6	0.6
1117	4/17/2016 00:31:40	14.15	46.82	30.43	7.74	7.97	5.9	2.656	90.9	2.6	0.6
1118	4/17/2016 00:46:40	14.22	46.83	30.44	7.62	7.96	5.5	2.576	89.7	2.6	0.6
1119	4/17/2016 01:01:40	14.23	46.81	30.42	7.65	7.96	5.9	2.499	90.1	2.8	0.6
1120	4/17/2016 01:16:40	14.25	46.62	30.29	7.66	7.96	5.7	2.415	90.1	3.1	0.7
1121	4/17/2016 01:31:40	14.33	46.47	30.18	7.69	7.96	6.5	2.344	90.5	3.0	0.7
1122	4/17/2016 01:46:40	14.41	46.30	30.06	7.66	7.96	6.2	2.258	90.2	2.6	0.6
1123	4/17/2016 02:01:40	14.44	46.22	30.01	7.61	7.95	6.3	2.175	89.7	2.7	0.6
1124	4/17/2016 02:16:41	14.44	46.19	29.98	7.56	7.94	6.4	2.101	89.1	3.4	0.8
1125	4/17/2016 02:31:41	14.60	45.99	29.84	7.50	7.94	6.5	2.048	88.5	2.8	0.7
1126	4/17/2016 02:46:41	14.59	46.04	29.88	7.46	7.94	6.5	1.966	88.1	2.6	0.6
1127	4/17/2016 03:01:40	14.75	45.89	29.77	7.41	7.94	7.0	1.932	87.8	2.6	0.6
1128	4/17/2016 03:16:40	14.81	45.86	29.75	7.42	7.93	7.5	1.892	88.0	2.7	0.6
1129	4/17/2016 03:31:40	14.86	45.72	29.65	7.41	7.93	6.8	1.852	87.9	3.5	0.8
1130	4/17/2016 03:46:40	14.73	45.91	29.79	7.35	7.92	5.7	1.886	87.0	2.8	0.7
1131	4/17/2016 04:01:40	14.67	46.01	29.86	7.44	7.93	5.1	1.864	88.1	2.6	0.6
1132	4/17/2016 04:16:40	14.64	45.96	29.82	7.49	7.93	5.2	1.883	88.6	2.8	0.6
1133	4/17/2016 04:31:40	14.62	45.83	29.73	7.53	7.93	5.8	1.929	88.9	2.6	0.6
1134	4/17/2016 04:46:40	14.60	45.97	29.83	7.52	7.93	6.0	1.982	88.9	2.8	0.7
1135	4/17/2016 05:01:40	14.58	45.93	29.80	7.55	7.94	5.9	2.035	89.2	2.4	0.6
1136	4/17/2016 05:16:41	14.54	45.96	29.82	7.57	7.94	5.4	2.108	89.2	2.6	0.6
1137	4/17/2016 05:31:40	14.50	46.03	29.87	7.59	7.94	6.1	2.188	89.5	2.7	0.6
1138	4/17/2016 05:46:40	14.46	46.12	29.93	7.61	7.95	9.6	2.248	89.7	2.6	0.6
1139	4/17/2016 06:01:40	14.31	46.36	30.10	7.66	7.95	5.4	2.306	90.0	2.6	0.6
1140	4/17/2016 06:16:40	14.19	46.53	30.22	7.66	7.95	4.9	2.378	89.9	2.5	0.6
1141	4/17/2016 06:31:40	14.01	46.80	30.41	7.74	7.96	4.7	2.446	90.6	1.7	0.4
1142	4/17/2016 06:46:40	13.95	46.90	30.48	7.79	7.96	4.3	2.502	91.2	2.6	0.6
1143	4/17/2016 07:01:40	13.92	47.07	30.60	7.80	7.97	4.2	2.563	91.3	2.0	0.5
1144	4/17/2016 07:16:40	13.89	47.11	30.63	7.80	7.97	3.9	2.628	91.2	2.6	0.6
1145	4/17/2016 07:31:40	13.86	47.20	30.70	7.80	7.97	4.0	2.693	91.3	1.8	0.4
1146	4/17/2016 07:46:40	13.81	47.23	30.72	7.83	7.98	3.9	2.749	91.5	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	4/17/2016 08:01:40	13.65	47.38	30.82	7.83	7.98	4.1	2.828	91.2	2.4	0.6
1148	4/17/2016 08:16:40	13.52	47.38	30.82	7.84	7.98	4.7	2.880	91.1	1.8	0.4
1149	4/17/2016 08:31:40	13.45	47.52	30.92	7.88	7.98	4.8	2.913	91.5	1.9	0.4
1150	4/17/2016 08:46:40	13.36	47.58	30.95	7.89	7.99	4.3	2.983	91.4	2.6	0.6
1151	4/17/2016 09:01:40	13.31	47.64	31.00	7.87	7.99	3.9	3.035	91.2	2.5	0.6
1152	4/17/2016 09:16:41	13.27	47.71	31.05	7.86	7.99	3.7	3.094	91.0	2.6	0.6
1153	4/17/2016 09:31:40	13.18	47.66	31.01	7.91	7.99	3.7	3.108	91.5	2.0	0.5
1154	4/17/2016 09:46:40	13.17	47.76	31.08	7.83	7.99	3.2	3.133	90.5	2.2	0.5
1155	4/17/2016 10:01:40	13.28	47.72	31.05	7.88	7.99	3.8	3.136	91.3	2.2	0.5
1156	4/17/2016 10:16:40	13.22	47.70	31.03	7.74	7.98	3.6	3.115	89.6	1.5	0.4
1157	4/17/2016 10:31:40	13.17	47.78	31.09	7.80	7.98	4.6	3.091	90.2	1.8	0.4
1158	4/17/2016 10:46:40	13.55	47.57	30.96	7.91	7.99	4.4	3.039	92.1	1.7	0.4
1159	4/17/2016 11:01:40	14.09	47.32	30.79	8.11	8.00	4.5	2.973	95.4	2.4	0.6
1160	4/17/2016 11:16:40	14.51	47.16	30.68	8.20	8.01	4.9	2.913	97.2	2.2	0.5
1161	4/17/2016 11:31:40	14.57	47.20	30.72	8.17	8.00	4.4	2.850	97.0	2.3	0.5
1162	4/17/2016 11:46:40	14.64	47.12	30.66	8.16	8.00	4.3	2.756	96.9	1.7	0.4
1163	4/17/2016 12:01:40	14.77	47.02	30.59	8.15	8.00	4.2	2.666	97.1	1.6	0.4
1164	4/17/2016 12:16:40	14.97	46.94	30.53	8.23	8.01	4.5	2.577	98.4	1.9	0.4
1165	4/17/2016 13:31:40	15.96	46.41	30.17	8.32	8.00	8.8	2.132	101.2	2.3	0.5
1166	4/17/2016 13:46:40	15.97	46.34	30.12	8.23	8.00	7.8	2.022	100.1	2.7	0.6
1167	4/17/2016 14:01:40	16.09	46.22	30.04	8.14	8.00	8.9	1.946	99.2	2.3	0.5
1168	4/17/2016 14:16:39	16.49	46.33	30.12	8.19	8.01	10.4	1.842	100.6	2.3	0.5
1169	4/17/2016 14:31:40	16.64	46.23	30.05	8.17	8.00	11.1	1.766	100.7	2.3	0.5
1170	4/17/2016 14:46:40	16.96	46.25	30.07	8.12	8.01	12.8	1.690	100.7	2.6	0.6
1171	4/17/2016 15:01:39	17.08	46.09	29.95	8.08	8.00	16.7	1.626	100.3	2.7	0.6
1172	4/17/2016 15:16:40	16.99	46.13	29.98	7.92	7.99	16.3	1.568	98.1	2.2	0.5
1173	4/17/2016 15:31:39	16.86	45.96	29.85	7.57	7.97	12.9	1.544	93.5	2.8	0.7
1174	4/17/2016 15:46:39	16.79	46.14	29.99	7.28	7.96	16.2	1.526	89.9	2.3	0.5
1175	4/17/2016 16:01:40	17.15	46.18	30.01	7.74	7.97	17.4	1.529	96.3	3.1	0.7
1176	4/17/2016 16:16:40	16.89	46.27	30.08	8.10	7.99	15.8	1.551	100.2	2.4	0.6
1177	4/17/2016 16:31:40	16.71	46.16	30.00	8.08	7.99	10.9	1.599	99.7	3.2	0.8
1178	4/17/2016 16:46:40	16.70	46.12	29.97	8.06	7.99	9.9	1.622	99.3	3.1	0.7
1179	4/17/2016 17:01:40	16.63	46.17	30.00	8.04	7.98	9.5	1.691	98.9	3.3	0.8
1180	4/17/2016 17:16:40	17.00	45.52	29.54	8.04	7.98	9.7	1.764	99.4	3.1	0.7
1181	4/17/2016 17:31:40	16.72	45.46	29.49	8.05	7.98	8.2	1.826	98.9	3.0	0.7
1182	4/17/2016 17:46:40	16.31	45.93	29.83	7.99	7.97	6.7	1.907	97.6	2.6	0.6
1183	4/17/2016 18:01:40	16.10	45.91	29.81	7.96	7.97	6.2	1.987	96.8	2.5	0.6

sonde #1

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
1184	4/17/2016 18:16:40	15.72	46.18	30.00	7.99	7.97	5.7	2.062	96.7	2.1	0.5
1185	4/17/2016 18:31:40	15.55	46.29	30.08	8.03	7.98	5.3	2.145	96.8	2.1	0.5
1186	4/17/2016 18:46:40	15.25	46.53	30.25	8.07	7.98	4.6	2.231	96.8	1.9	0.4
1187	4/17/2016 19:01:40	15.17	46.64	30.32	8.09	7.98	4.6	2.304	97.0	2.7	0.6
1188	4/17/2016 19:16:40	15.12	46.72	30.38	8.14	7.99	4.7	2.390	97.4	2.3	0.5
1189	4/17/2016 19:31:40	15.08	46.85	30.48	8.20	8.00	4.7	2.471	98.2	2.1	0.5
1190	4/17/2016 19:46:40	15.02	46.91	30.51	8.20	8.00	5.4	2.544	98.1	2.1	0.5
1191	4/17/2016 20:01:40	14.88	46.99	30.57	8.17	8.00	4.7	2.623	97.5	2.8	0.7
1192	4/17/2016 20:16:40	14.78	47.06	30.62	8.13	8.00	4.6	2.714	96.8	2.6	0.6
1193	4/17/2016 20:31:40	14.53	47.12	30.65	8.11	8.00	6.8	2.784	96.1	3.3	0.8
1194	4/17/2016 20:46:40	14.40	47.33	30.81	8.16	8.00	8.4	2.862	96.5	2.8	0.7
1195	4/17/2016 21:01:40	14.26	47.38	30.83	8.18	8.00	7.6	2.954	96.5	3.1	0.7
1196	4/17/2016 21:16:40	14.04	47.60	30.99	8.18	8.01	7.4	3.043	96.2	2.8	0.7
1197	4/17/2016 21:31:40	13.81	47.82	31.14	8.15	8.01	7.5	3.110	95.5	3.2	0.7
1198	4/17/2016 21:46:40	13.52	48.12	31.35	8.16	8.01	7.0	3.195	95.1	2.9	0.7
1199	4/17/2016 22:01:40	13.41	48.23	31.43	8.15	8.02	5.6	3.259	94.9	2.5	0.6
1200	4/17/2016 22:16:40	13.33	48.29	31.47	8.15	8.02	5.6	3.291	94.7	2.3	0.5
1201	4/17/2016 22:31:40	13.29	48.34	31.50	8.11	8.02	4.7	3.327	94.3	2.2	0.5
1202	4/17/2016 22:46:40	13.26	48.41	31.55	8.03	8.02	4.0	3.359	93.3	2.9	0.7
1203	4/17/2016 23:01:40	13.27	48.36	31.52	7.98	8.02	3.9	3.329	92.7	2.4	0.6
1204	4/17/2016 23:16:40	13.30	48.31	31.48	8.01	8.02	4.7	3.321	93.1	1.5	0.4
1205	4/17/2016 23:31:40	14.19	47.44	30.88	7.91	8.00	8.0	3.271	93.2	2.6	0.6
1206	4/17/2016 23:46:40	14.40	47.37	30.83	7.87	7.99	6.1	3.186	93.2	2.5	0.6
1207	4/18/2016 00:01:40	14.36	47.44	30.88	7.98	8.00	6.7	3.113	94.4	2.8	0.7
1208	4/18/2016 00:16:40	14.30	47.41	30.86	8.00	8.00	5.7	3.036	94.6	2.7	0.6
1209	4/18/2016 00:31:40	14.57	47.09	30.63	7.93	7.99	7.8	2.951	94.0	1.9	0.4
1210	4/18/2016 00:46:40	14.52	47.03	30.59	7.94	7.99	7.5	2.865	94.0	19.9	4.7
1211	4/18/2016 01:01:40	14.64	46.87	30.47	7.90	7.99	5.9	2.785	93.8	2.7	0.6
1212	4/18/2016 01:16:40	14.70	46.94	30.53	7.85	7.98	6.0	2.697	93.3	2.4	0.6
1213	4/18/2016 01:31:40	14.71	46.97	30.55	7.82	7.98	5.5	2.633	93.0	2.3	0.5
1214	4/18/2016 01:46:41	14.84	46.82	30.45	7.89	7.98	6.5	2.527	94.0	2.8	0.7
1215	4/18/2016 02:01:40	15.05	46.69	30.35	7.85	7.98	7.0	2.443	93.8	3.2	0.8
1216	4/18/2016 02:16:40	15.07	46.60	30.29	7.82	7.98	6.7	2.330	93.5	2.3	0.5
1217	4/18/2016 02:31:40	15.46	46.17	29.99	7.74	7.97	9.0	2.234	93.1	2.9	0.7
1218	4/18/2016 02:46:40	15.35	46.36	30.12	7.64	7.96	7.5	2.136	91.7	2.5	0.6
1219	4/18/2016 03:01:40	15.59	46.18	30.00	7.61	7.97	8.0	2.063	91.8	2.5	0.6
1220	4/18/2016 03:16:40	15.85	46.01	29.88	7.58	7.96	8.1	1.990	91.9	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	4/18/2016 03:31:40	15.91	46.03	29.89	7.55	7.96	8.5	1.886	91.6	2.8	0.7
1222	4/18/2016 03:46:40	15.98	46.06	29.92	7.51	7.96	9.3	1.862	91.2	2.7	0.6
1223	4/18/2016 04:01:40	16.15	45.93	29.83	7.45	7.95	8.6	1.815	90.7	2.6	0.6
1224	4/18/2016 04:16:40	16.30	45.90	29.81	7.49	7.96	10.0	1.752	91.5	2.3	0.5
1225	4/18/2016 04:31:39	16.30	45.86	29.77	7.19	7.95	8.3	1.729	87.8	2.3	0.6
1226	4/18/2016 04:46:40	16.14	45.90	29.81	7.39	7.95	8.3	1.768	90.0	2.7	0.6
1227	4/18/2016 05:01:40	16.03	45.88	29.79	7.44	7.95	8.3	1.787	90.5	2.3	0.5
1228	4/18/2016 05:16:40	15.94	45.98	29.86	7.53	7.96	7.5	1.799	91.4	2.4	0.6
1229	4/18/2016 05:31:40	15.93	45.99	29.87	7.57	7.96	6.7	1.866	91.9	2.6	0.6
1230	4/18/2016 05:46:40	15.88	45.78	29.72	7.56	7.96	7.1	1.933	91.6	2.3	0.6
1231	4/18/2016 06:01:40	15.85	45.86	29.77	7.57	7.96	7.2	1.996	91.6	2.9	0.7
1232	4/18/2016 06:16:40	15.75	45.89	29.79	7.56	7.95	7.1	2.073	91.3	2.5	0.6
1233	4/18/2016 06:31:40	15.68	45.91	29.81	7.59	7.95	6.7	2.148	91.6	2.5	0.6
1234	4/18/2016 06:46:40	15.40	46.20	30.01	7.66	7.96	6.5	2.222	92.1	2.3	0.5
1235	4/18/2016 07:01:40	15.30	46.28	30.06	7.66	7.96	5.8	2.280	91.9	2.6	0.6
1236	4/18/2016 07:16:40	15.00	46.53	30.24	7.76	7.97	5.4	2.370	92.6	2.4	0.6
1237	4/18/2016 07:31:40	14.84	46.82	30.45	7.87	7.98	4.8	2.436	93.8	1.8	0.4
1238	4/18/2016 07:46:40	14.77	46.93	30.52	7.90	7.98	4.6	2.506	94.1	2.2	0.5
1239	4/18/2016 08:01:40	14.73	47.00	30.58	7.91	7.99	4.4	2.578	94.1	2.0	0.5
1240	4/18/2016 08:16:40	14.69	47.05	30.61	7.92	7.99	4.2	2.637	94.1	1.6	0.4
1241	4/18/2016 08:31:41	14.64	47.11	30.65	7.91	7.99	4.5	2.713	94.0	2.5	0.6
1242	4/18/2016 08:46:40	14.48	47.16	30.68	7.92	7.99	4.4	2.781	93.8	2.4	0.6
1243	4/18/2016 09:01:40	14.36	47.22	30.73	7.92	7.99	4.8	2.841	93.7	1.7	0.4
1244	4/18/2016 09:16:41	14.22	47.33	30.80	7.94	7.99	5.1	2.913	93.6	1.8	0.4
1245	4/18/2016 09:31:41	14.06	47.49	30.91	7.96	8.00	4.9	2.979	93.6	2.5	0.6
1246	4/18/2016 09:46:41	13.92	47.53	30.94	8.00	8.00	4.9	3.042	93.8	2.7	0.6
1247	4/18/2016 10:01:40	13.85	47.63	31.01	7.99	8.01	5.0	3.094	93.6	1.9	0.4
1248	4/18/2016 10:16:40	13.80	47.71	31.06	7.99	8.01	5.9	3.152	93.5	1.8	0.4
1249	4/18/2016 10:31:40	13.72	47.82	31.14	8.00	8.01	4.1	3.185	93.6	1.2	0.3
1250	4/18/2016 10:46:40	13.70	47.85	31.16	7.86	8.01	3.4	3.181	91.9	1.8	0.4
1251	4/18/2016 11:01:40	13.76	47.75	31.09	7.73	8.00	3.4	3.176	90.4	2.3	0.5
1252	4/18/2016 11:16:40	13.80	47.73	31.08	7.84	8.00	4.3	3.166	91.9	2.2	0.5
1253	4/18/2016 11:31:40	13.85	47.72	31.07	7.85	8.00	4.3	3.139	92.0	1.5	0.3
1254	4/18/2016 11:46:40	14.45	47.47	30.91	7.96	8.01	4.5	3.080	94.4	2.1	0.5
1255	4/18/2016 12:01:40	14.72	47.29	30.79	8.09	8.01	4.8	3.019	96.3	1.8	0.4
1256	4/18/2016 12:16:40	15.00	47.40	30.87	8.24	8.03	5.1	2.922	98.8	2.0	0.5
1257	4/18/2016 12:31:40	15.21	47.20	30.73	8.22	8.02	5.8	2.839	98.9	1.6	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	4/18/2016 12:46:40	15.51	46.96	30.56	8.26	8.02	5.8	2.773	99.8	2.1	0.5
1259	4/18/2016 13:01:39	15.77	46.91	30.53	8.30	8.03	5.3	2.692	100.8	2.4	0.6
1260	4/18/2016 13:16:40	16.03	46.84	30.48	8.39	8.03	6.4	2.581	102.4	2.0	0.5
1261	4/18/2016 13:31:40	16.23	46.73	30.41	8.33	8.03	5.6	2.492	102.1	2.4	0.6
1262	4/18/2016 13:46:40	16.46	46.72	30.40	8.44	8.04	5.6	2.413	103.8	2.0	0.5
1263	4/18/2016 14:01:40	16.54	46.48	30.23	8.42	8.03	7.3	2.314	103.7	2.2	0.5
1264	4/18/2016 14:16:39	16.82	46.51	30.25	8.32	8.03	8.9	2.206	102.9	2.6	0.6
1265	4/18/2016 14:31:40	16.87	46.30	30.10	8.25	8.02	9.3	2.122	102.1	2.8	0.6
1266	4/18/2016 14:46:40	17.01	46.31	30.11	8.22	8.02	9.1	2.033	102.0	2.5	0.6
1267	4/18/2016 15:01:40	17.31	46.32	30.12	8.21	8.02	10.6	1.915	102.4	2.4	0.6
1268	4/18/2016 15:16:39	17.53	46.24	30.06	8.17	8.02	11.0	1.825	102.3	2.3	0.5
1269	4/18/2016 15:31:39	17.78	46.29	30.10	8.19	8.02	12.6	1.764	103.2	2.5	0.6
1270	4/18/2016 15:46:39	17.83	46.11	29.97	8.03	8.01	13.1	1.700	101.2	2.2	0.5
1271	4/18/2016 16:01:39	17.93	46.23	30.06	8.00	8.01	13.4	1.630	101.0	2.6	0.6
1272	4/18/2016 16:16:39	18.02	46.22	30.05	8.01	8.01	15.6	1.620	101.3	2.7	0.6
1273	4/18/2016 16:31:39	18.28	46.21	30.05	7.42	7.99	15.6	1.594	94.3	2.4	0.6
1274	4/18/2016 16:46:39	18.33	46.34	30.14	8.21	8.03	21.7	1.593	104.5	3.4	0.8
1275	4/18/2016 17:01:40	17.86	46.32	30.12	8.13	8.01	13.5	1.618	102.5	2.7	0.6
1276	4/18/2016 17:16:40	17.71	46.24	30.06	8.07	8.00	11.3	1.647	101.5	3.0	0.7
1277	4/18/2016 17:31:39	17.73	46.14	29.99	8.07	8.00	10.1	1.726	101.5	3.1	0.7
1278	4/18/2016 17:46:39	17.60	46.13	29.99	8.05	8.00	9.4	1.771	101.0	2.5	0.6
1279	4/18/2016 18:01:40	17.53	46.07	29.94	8.05	7.99	8.3	1.850	100.8	2.8	0.7
1280	4/18/2016 18:16:39	17.41	46.01	29.89	8.00	7.99	7.8	1.925	100.0	2.8	0.7
1281	4/18/2016 18:31:40	17.28	46.04	29.92	7.99	7.99	7.4	2.008	99.5	2.3	0.5
1282	4/18/2016 18:46:40	17.05	46.12	29.97	8.00	7.99	7.1	2.078	99.3	2.6	0.6
1283	4/18/2016 19:01:40	16.85	46.22	30.05	8.06	7.99	6.8	2.167	99.7	2.5	0.6
1284	4/18/2016 19:16:40	16.69	46.32	30.11	8.10	8.00	5.3	2.261	99.9	2.8	0.7
1285	4/18/2016 19:31:40	16.14	46.65	30.35	8.12	8.00	5.1	2.328	99.3	2.4	0.6
1286	4/18/2016 19:46:40	15.97	46.72	30.39	8.14	8.00	4.8	2.403	99.2	2.5	0.6
1287	4/18/2016 20:01:39	15.92	46.79	30.45	8.20	8.01	5.0	2.493	99.8	2.3	0.5
1288	4/18/2016 20:16:40	15.87	46.81	30.46	8.22	8.01	5.8	2.568	100.0	3.1	0.7
1289	4/18/2016 20:31:40	15.70	46.97	30.57	8.20	8.01	5.8	2.658	99.4	2.9	0.7
1290	4/18/2016 20:46:40	15.49	47.03	30.61	8.13	8.01	5.7	2.724	98.3	2.4	0.6
1291	4/18/2016 21:01:39	15.37	47.04	30.61	8.10	8.01	6.7	2.818	97.6	2.6	0.6
1292	4/18/2016 21:16:40	14.96	47.32	30.81	8.17	8.01	10.0	2.909	97.8	3.2	0.8
1293	4/18/2016 21:31:41	14.81	47.45	30.90	8.17	8.01	8.3	2.985	97.5	2.2	0.5
1294	4/18/2016 21:46:39	14.60	47.53	30.95	8.18	8.02	7.0	3.069	97.2	3.4	0.8

sonde #1

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	4/18/2016 22:01:39	14.36	47.74	31.10	8.18	8.02	7.3	3.156	97.0	3.0	0.7
1296	4/18/2016 22:16:39	13.99	48.00	31.28	8.25	8.03	7.5	3.223	97.1	3.3	0.8
1297	4/18/2016 22:31:40	13.81	48.20	31.42	8.25	8.04	6.2	3.280	96.9	3.5	0.8
1298	4/18/2016 22:46:40	13.64	48.31	31.49	8.30	8.04	6.1	3.338	97.2	3.6	0.9
1299	4/18/2016 23:01:40	13.59	48.38	31.55	8.30	8.05	5.1	3.384	97.1	3.0	0.7
1300	4/18/2016 23:16:39	13.58	48.40	31.56	8.21	8.05	4.5	3.391	96.1	5.2	1.2
1301	4/18/2016 23:31:40	13.58	48.37	31.54	7.93	8.03	2.9	3.401	92.7	3.1	0.7
1302	4/18/2016 23:46:39	13.59	48.37	31.54	8.12	8.04	4.3	3.382	94.9	2.0	0.5
1303	4/19/2016 00:01:39	13.68	48.30	31.48	8.15	8.04	5.8	3.335	95.5	3.4	0.8
1304	4/19/2016 00:16:40	14.47	47.61	31.01	7.91	8.02	5.9	3.287	93.9	2.9	0.7
1305	4/19/2016 00:31:39	14.66	47.58	30.99	7.99	8.02	7.8	3.211	95.1	2.7	0.6
1306	4/19/2016 00:46:39	14.35	47.86	31.19	8.10	8.03	7.9	3.107	96.0	2.8	0.7
1307	4/19/2016 01:01:39	14.82	47.49	30.93	8.00	8.02	6.6	3.027	95.6	2.4	0.6
1308	4/19/2016 01:16:39	15.11	47.20	30.73	7.93	8.01	6.7	2.931	95.2	2.5	0.6
1309	4/19/2016 01:31:40	15.13	47.17	30.71	7.89	8.00	6.2	2.822	94.7	2.6	0.6
1310	4/19/2016 01:46:39	15.26	47.05	30.62	7.85	8.00	6.5	2.718	94.4	2.3	0.6
1311	4/19/2016 02:01:39	15.37	46.99	30.58	7.86	8.00	6.5	2.627	94.7	2.4	0.6
1312	4/19/2016 02:16:39	15.45	46.95	30.56	7.88	8.00	6.7	2.538	95.1	2.8	0.7
1313	4/19/2016 02:31:39	15.61	46.82	30.46	7.84	7.99	13.6	2.435	94.9	2.5	0.6
1314	4/19/2016 02:46:39	16.01	46.56	30.28	7.79	7.99	13.1	2.331	94.9	3.1	0.7
1315	4/19/2016 03:01:39	15.84	46.61	30.31	7.75	7.98	8.2	2.235	94.1	2.6	0.6
1316	4/19/2016 03:16:39	16.30	46.28	30.08	7.66	7.98	9.6	2.141	93.8	2.5	0.6
1317	4/19/2016 03:31:40	16.17	46.43	30.19	7.61	7.97	9.1	2.046	92.9	2.7	0.6
1318	4/19/2016 03:46:39	16.20	46.37	30.15	7.55	7.97	9.2	1.947	92.3	3.0	0.7
1319	4/19/2016 04:01:38	16.54	46.16	30.00	7.48	7.96	10.6	1.861	91.9	3.1	0.7
1320	4/19/2016 04:16:38	16.50	46.28	30.08	7.46	7.96	10.1	1.788	91.6	2.5	0.6
1321	4/19/2016 04:31:39	16.76	46.23	30.05	7.44	7.96	9.8	1.716	91.8	2.9	0.7
1322	4/19/2016 04:46:38	16.83	46.10	29.96	7.41	7.96	10.3	1.671	91.5	3.2	0.8
1323	4/19/2016 05:01:39	16.92	46.18	30.02	7.39	7.96	10.6	1.641	91.5	2.7	0.6
1324	4/19/2016 05:16:39	17.02	46.17	30.01	6.99	7.95	7.6	1.650	86.7	3.1	0.7
1325	4/19/2016 05:31:39	16.93	46.17	30.01	7.37	7.96	9.9	1.642	91.3	3.0	0.7
1326	4/19/2016 05:46:39	16.85	46.18	30.01	7.43	7.96	9.7	1.669	91.8	3.0	0.7
1327	4/19/2016 06:01:39	16.81	46.19	30.02	7.47	7.96	8.9	1.722	92.3	2.4	0.6
1328	4/19/2016 06:16:39	16.77	46.14	29.98	7.52	7.96	7.8	1.798	92.8	2.8	0.7
1329	4/19/2016 06:31:39	16.72	45.93	29.83	7.45	7.96	8.4	1.858	91.8	2.6	0.6
1330	4/19/2016 06:46:39	16.65	45.94	29.84	7.43	7.95	8.4	1.930	91.4	2.9	0.7
1331	4/19/2016 07:01:39	16.57	45.99	29.87	7.43	7.95	7.6	2.011	91.3	2.8	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	4/19/2016 07:16:39	16.49	46.03	29.91	7.49	7.96	8.1	2.093	91.9	2.6	0.6
1333	4/19/2016 07:31:39	16.31	46.15	29.99	7.52	7.96	7.4	2.173	92.0	2.4	0.6
1334	4/19/2016 07:46:39	16.05	46.27	30.07	7.58	7.96	6.1	2.244	92.3	2.2	0.5
1335	4/19/2016 08:01:39	15.72	46.75	30.41	7.72	7.98	5.7	2.330	93.5	1.9	0.4
1336	4/19/2016 08:16:39	15.61	46.86	30.49	7.83	7.99	5.3	2.396	94.7	2.2	0.5
1337	4/19/2016 08:31:39	15.53	46.98	30.57	7.86	7.99	4.8	2.474	95.1	2.0	0.5
1338	4/19/2016 08:46:40	15.48	46.96	30.56	7.88	7.99	5.2	2.554	95.2	2.0	0.5
	Mean	14.26	47.17	30.68	7.90	7.95	8.40	2.50	93.22	3.30	0.78
	Minimum	11.28	43.54	28.11	6.99	7.85	2.20	0.91	79.90	0.80	0.20
	Maximum	18.33	49.56	32.30	9.23	8.06	74.90	3.95	113.50	28.10	6.60

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

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	4/19/2016 09:01:05	15.31	47.88	31.22	8.04	8.02	5.2	2.773	97.1	1.4	0.3
1	4/19/2016 09:16:04	15.15	48.02	31.32	7.99	8.03	5.0	2.849	96.3	1.5	0.4
2	4/19/2016 09:31:05	15.00	48.11	31.39	8.00	8.04	5.4	2.925	96.2	1.6	0.4
3	4/19/2016 09:46:05	14.84	48.16	31.42	8.01	8.05	5.5	2.999	96.0	1.3	0.3
4	4/19/2016 10:01:05	14.63	48.29	31.51	8.08	8.06	6.5	3.064	96.4	1.6	0.4
5	4/19/2016 10:16:04	14.51	48.40	31.58	8.18	8.07	5.1	3.138	97.5	1.9	0.4
6	4/19/2016 10:31:05	14.44	48.48	31.64	8.14	8.08	5.1	3.200	96.9	2.1	0.5
7	4/19/2016 10:46:05	14.32	48.61	31.73	8.24	8.09	4.9	3.262	97.9	1.7	0.4
8	4/19/2016 11:01:05	14.10	48.79	31.86	8.25	8.10	4.3	3.318	97.7	2.3	0.6
9	4/19/2016 11:16:05	13.86	48.97	31.98	8.37	8.11	4.5	3.347	98.7	1.7	0.4
10	4/19/2016 11:31:05	13.81	49.01	32.01	8.29	8.11	3.0	3.366	97.7	1.2	0.3
11	4/19/2016 11:46:05	13.78	49.04	32.03	8.27	8.11	2.5	3.379	97.4	1.6	0.4
12	4/19/2016 12:01:05	13.79	49.05	32.04	8.23	8.11	3.6	3.369	97.0	2.3	0.5
13	4/19/2016 12:16:05	13.83	49.02	32.02	8.32	8.11	3.9	3.321	98.1	1.6	0.4
14	4/19/2016 13:31:04	15.84	48.05	31.36	8.40	8.09	6.4	2.935	102.7	1.6	0.4
15	4/19/2016 13:46:05	16.07	47.99	31.32	8.47	8.09	5.7	2.856	104.0	2.1	0.5
16	4/19/2016 14:01:05	16.46	47.89	31.25	8.63	8.10	6.3	2.760	106.7	1.9	0.4
17	4/19/2016 14:16:05	16.59	47.83	31.21	8.51	8.10	6.2	2.666	105.4	2.0	0.5
18	4/19/2016 14:31:05	16.82	47.71	31.13	8.40	8.09	6.0	2.573	104.5	1.8	0.4
19	4/19/2016 14:46:05	17.12	47.64	31.08	8.59	8.10	7.0	2.488	107.5	1.8	0.4
20	4/19/2016 15:01:04	17.27	47.36	30.87	8.17	8.06	8.9	2.394	102.4	2.4	0.6
21	4/19/2016 15:16:04	17.50	47.36	30.87	8.30	8.07	8.7	2.297	104.4	2.0	0.5
22	4/19/2016 15:31:05	17.55	47.28	30.82	8.30	8.07	9.7	2.202	104.5	1.6	0.4
23	4/19/2016 15:46:04	17.76	47.28	30.82	8.28	8.07	9.1	2.123	104.7	2.4	0.6
24	4/19/2016 16:01:04	17.93	47.23	30.79	8.23	8.06	9.9	2.031	104.4	2.2	0.5
25	4/19/2016 16:16:04	18.09	47.23	30.79	8.21	8.06	10.7	1.944	104.5	1.9	0.4
26	4/19/2016 16:31:04	18.27	47.25	30.80	8.21	8.07	12.3	1.889	104.8	2.3	0.6
27	4/19/2016 16:46:04	18.46	47.24	30.80	8.21	8.07	13.1	1.837	105.2	2.0	0.5
28	4/19/2016 17:01:04	18.55	47.28	30.82	8.12	8.07	13.0	1.822	104.3	2.1	0.5
29	4/19/2016 17:16:04	18.52	47.25	30.80	7.79	8.06	10.7	1.802	99.9	2.6	0.6
30	4/19/2016 17:31:04	18.55	47.31	30.84	8.23	8.08	15.3	1.807	105.7	2.4	0.6
31	4/19/2016 17:46:04	18.22	47.21	30.77	8.04	8.06	11.8	1.846	102.5	2.1	0.5
32	4/19/2016 18:01:04	18.08	47.17	30.74	8.05	8.05	11.8	1.892	102.4	2.4	0.6
33	4/19/2016 18:16:04	18.08	47.16	30.74	8.03	8.05	9.7	1.957	102.2	2.7	0.6
34	4/19/2016 18:31:04	18.09	46.95	30.58	8.02	8.04	9.4	2.020	101.9	2.7	0.6
35	4/19/2016 18:46:04	17.96	47.00	30.62	7.95	8.04	8.6	2.109	100.8	2.2	0.5
36	4/19/2016 19:01:05	17.80	47.01	30.62	8.00	8.04	7.9	2.190	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
37	4/19/2016 19:16:04	17.60	47.10	30.68	7.99	8.04	8.0	2.267	100.7	1.9	0.4
38	4/19/2016 19:31:05	17.33	47.28	30.82	8.05	8.05	7.1	2.352	100.9	1.7	0.4
39	4/19/2016 19:46:05	16.96	47.51	30.98	8.11	8.06	5.1	2.432	101.1	1.6	0.4
40	4/19/2016 20:01:05	16.61	47.68	31.10	8.17	8.07	5.7	2.517	101.2	2.6	0.6
41	4/19/2016 20:16:05	16.42	47.80	31.19	8.29	8.08	5.4	2.590	102.3	2.4	0.6
42	4/19/2016 20:31:05	16.27	47.90	31.26	8.26	8.08	4.9	2.674	101.7	2.1	0.5
43	4/19/2016 20:46:05	16.20	47.94	31.29	8.26	8.08	5.6	2.754	101.6	2.3	0.6
44	4/19/2016 21:01:05	16.02	48.04	31.35	8.26	8.08	6.2	2.842	101.3	2.4	0.6
45	4/19/2016 21:16:05	15.74	48.17	31.44	8.25	8.09	7.9	2.925	100.7	2.5	0.6
46	4/19/2016 21:31:05	15.44	48.21	31.47	8.41	8.10	8.7	3.018	102.0	2.3	0.5
47	4/19/2016 21:46:05	15.22	48.37	31.58	8.50	8.11	8.7	3.107	102.8	3.1	0.7
48	4/19/2016 22:01:05	15.03	48.54	31.70	8.55	8.12	8.1	3.195	103.0	3.2	0.8
49	4/19/2016 22:16:05	14.76	48.72	31.82	8.62	8.13	6.8	3.285	103.4	2.6	0.6
50	4/19/2016 22:31:05	14.48	48.90	31.94	8.76	8.14	6.7	3.363	104.6	3.4	0.8
51	4/19/2016 22:46:05	14.10	49.17	32.13	8.90	8.17	6.5	3.445	105.5	3.8	0.9
52	4/19/2016 23:01:05	13.95	49.27	32.20	9.04	8.17	4.5	3.508	106.9	5.1	1.2
53	4/19/2016 23:16:05	13.85	49.35	32.25	9.10	8.18	4.6	3.557	107.5	3.7	0.9
54	4/19/2016 23:31:05	13.82	49.37	32.27	9.02	8.19	3.7	3.592	106.5	3.9	0.9
55	4/19/2016 23:46:05	13.77	49.40	32.29	8.99	8.19	3.6	3.624	106.0	4.1	1.0
56	4/20/2016 00:01:05	13.85	49.37	32.27	8.90	8.17	3.4	3.618	105.1	4.0	0.9
57	4/20/2016 00:16:05	13.80	49.39	32.28	8.98	8.18	4.1	3.603	106.0	4.0	0.9
58	4/20/2016 00:31:05	14.11	49.19	32.15	8.77	8.16	5.0	3.556	104.1	3.3	0.8
59	4/20/2016 00:46:05	14.47	48.95	31.98	8.53	8.13	5.6	3.497	101.8	2.4	0.6
60	4/20/2016 01:01:05	14.79	48.75	31.84	8.51	8.12	7.2	3.418	102.1	3.4	0.8
61	4/20/2016 01:16:05	14.70	48.80	31.88	8.57	8.13	5.4	3.319	102.8	2.5	0.6
62	4/20/2016 01:31:05	15.18	48.50	31.67	8.41	8.11	5.7	3.220	101.6	2.9	0.7
63	4/20/2016 01:46:05	15.56	48.20	31.47	8.16	8.09	9.2	3.120	99.3	2.7	0.6
64	4/20/2016 02:01:05	15.64	48.12	31.40	8.14	8.08	6.8	3.016	99.1	2.5	0.6
65	4/20/2016 02:16:05	15.64	48.12	31.41	8.10	8.07	8.0	2.910	98.7	2.0	0.5
66	4/20/2016 02:31:05	15.62	48.10	31.39	8.07	8.07	7.3	2.801	98.3	1.8	0.4
67	4/20/2016 02:46:05	15.88	47.98	31.31	8.00	8.07	8.5	2.699	97.8	2.1	0.5
68	4/20/2016 03:01:05	15.96	47.96	31.29	7.96	8.06	7.5	2.604	97.5	2.1	0.5
69	4/20/2016 03:16:05	15.99	47.94	31.28	7.95	8.06	7.3	2.485	97.4	1.7	0.4
70	4/20/2016 03:31:05	16.31	47.74	31.14	7.81	8.05	8.1	2.384	96.2	2.1	0.5
71	4/20/2016 03:46:05	16.25	47.76	31.15	7.83	8.05	8.6	2.283	96.4	2.1	0.5
72	4/20/2016 04:01:05	16.66	47.51	30.98	7.65	8.03	10.3	2.197	94.7	1.6	0.4
73	4/20/2016 04:16:05	16.86	47.38	30.89	7.58	8.03	10.9	2.087	94.2	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
74	4/20/2016 04:31:05	16.94	47.36	30.87	7.52	8.02	11.4	1.990	93.7	2.4	0.6
75	4/20/2016 04:46:05	16.97	47.38	30.88	7.48	8.02	10.6	1.908	93.2	2.4	0.6
76	4/20/2016 05:01:05	17.06	47.35	30.87	7.45	8.02	10.6	1.835	92.9	1.9	0.5
77	4/20/2016 05:16:05	17.17	47.30	30.83	7.43	8.02	10.5	1.768	92.9	2.0	0.5
78	4/20/2016 05:31:05	17.31	47.24	30.79	7.45	8.02	10.3	1.719	93.3	2.3	0.5
79	4/20/2016 05:46:05	17.40	47.19	30.75	7.36	8.02	10.0	1.697	92.4	2.3	0.5
80	4/20/2016 06:01:05	17.46	47.17	30.74	7.24	8.01	10.7	1.698	91.0	2.1	0.5
81	4/20/2016 06:16:05	17.40	47.16	30.73	7.43	8.02	9.0	1.716	93.3	2.6	0.6
82	4/20/2016 06:31:04	17.35	47.21	30.77	7.41	8.01	8.7	1.756	93.0	2.1	0.5
83	4/20/2016 06:46:05	17.36	47.17	30.74	7.42	8.01	8.9	1.821	93.0	1.6	0.4
84	4/20/2016 07:01:05	17.26	47.02	30.63	7.38	8.01	9.0	1.897	92.3	1.7	0.4
85	4/20/2016 07:16:05	17.25	46.84	30.49	7.33	8.00	10.0	1.983	91.7	1.9	0.4
86	4/20/2016 07:31:05	17.22	46.62	30.34	7.29	8.00	10.8	2.072	91.0	2.0	0.5
87	4/20/2016 07:46:05	17.10	46.96	30.58	7.39	8.00	10.4	2.158	92.1	1.9	0.5
88	4/20/2016 08:01:05	16.94	47.17	30.73	7.48	8.01	9.8	2.251	93.0	1.4	0.3
89	4/20/2016 08:16:05	16.58	47.47	30.94	7.55	8.02	7.3	2.330	93.4	1.7	0.4
90	4/20/2016 08:31:05	16.34	47.66	31.08	7.69	8.04	6.9	2.405	94.7	2.2	0.5
91	4/20/2016 08:46:05	16.15	47.86	31.23	7.91	8.06	5.8	2.490	97.2	1.7	0.4
92	4/20/2016 09:01:05	16.10	47.92	31.27	7.96	8.06	5.9	2.575	97.7	1.9	0.4
93	4/20/2016 09:16:05	16.02	47.99	31.32	7.96	8.06	6.5	2.644	97.6	2.2	0.5
94	4/20/2016 09:31:06	15.95	48.04	31.35	8.02	8.07	5.3	2.728	98.2	2.3	0.5
95	4/20/2016 09:46:05	15.79	48.13	31.42	8.00	8.07	6.1	2.810	97.7	1.7	0.4
96	4/20/2016 10:01:05	15.62	48.22	31.48	8.08	8.08	6.1	2.890	98.4	2.1	0.5
97	4/20/2016 10:16:05	15.48	48.30	31.53	8.06	8.08	6.8	2.975	97.9	2.1	0.5
98	4/20/2016 10:31:05	15.23	48.38	31.58	8.23	8.09	7.8	3.049	99.5	2.4	0.6
99	4/20/2016 10:46:06	15.04	48.50	31.67	8.33	8.11	7.0	3.132	100.4	2.6	0.6
100	4/20/2016 11:01:05	14.89	48.64	31.77	8.34	8.11	6.4	3.210	100.3	2.3	0.6
101	4/20/2016 11:16:05	14.63	48.82	31.90	8.37	8.12	5.8	3.277	100.2	2.4	0.6
102	4/20/2016 11:31:05	14.16	49.11	32.09	8.51	8.14	5.9	3.343	101.0	3.4	0.8
103	4/20/2016 11:46:05	14.05	49.20	32.15	8.51	8.14	4.1	3.392	100.9	2.4	0.6
104	4/20/2016 12:01:05	13.99	49.26	32.19	8.53	8.15	3.7	3.423	100.9	3.2	0.8
105	4/20/2016 12:16:05	13.95	49.30	32.22	8.43	8.14	4.2	3.442	99.8	2.4	0.6
106	4/20/2016 12:31:05	13.99	49.29	32.22	8.44	8.14	3.3	3.445	99.9	2.8	0.7
107	4/20/2016 12:46:05	13.98	49.30	32.22	8.54	8.15	5.7	3.420	101.0	2.1	0.5
108	4/20/2016 13:01:05	14.17	49.19	32.15	8.46	8.14	5.6	3.376	100.5	2.7	0.6
109	4/20/2016 13:16:05	14.99	48.76	31.86	8.47	8.13	5.5	3.312	102.1	2.5	0.6
110	4/20/2016 13:31:05	15.29	48.68	31.81	8.52	8.13	5.4	3.234	103.3	2.9	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 meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
111	4/20/2016 13:46:06	15.32	48.80	31.89	8.66	8.14	4.5	3.150	105.1	2.6	0.6
112	4/20/2016 14:01:05	16.05	48.42	31.63	8.59	8.13	6.1	3.058	105.6	2.3	0.6
113	4/20/2016 14:16:05	16.39	48.19	31.47	8.54	8.11	6.2	2.970	105.6	2.1	0.5
114	4/20/2016 14:31:05	16.51	48.15	31.44	8.48	8.11	5.7	2.877	105.0	2.8	0.7
115	4/20/2016 14:46:05	16.80	48.09	31.40	8.55	8.11	6.0	2.793	106.6	2.4	0.6
116	4/20/2016 15:01:05	17.07	48.03	31.36	8.57	8.12	5.5	2.698	107.3	2.4	0.6
117	4/20/2016 15:16:05	17.29	47.95	31.30	8.61	8.12	5.5	2.607	108.2	2.1	0.5
118	4/20/2016 15:31:05	17.60	47.80	31.20	8.66	8.11	6.4	2.522	109.5	2.1	0.5
119	4/20/2016 15:46:04	17.82	47.72	31.14	8.46	8.10	6.5	2.432	107.3	2.8	0.7
120	4/20/2016 16:01:04	17.90	47.67	31.10	8.44	8.09	7.5	2.339	107.2	2.5	0.6
121	4/20/2016 16:16:05	18.13	47.51	30.98	8.25	8.08	8.0	2.246	105.2	2.5	0.6
122	4/20/2016 16:31:05	18.37	47.52	30.99	8.39	8.08	7.8	2.161	107.4	2.5	0.6
123	4/20/2016 16:46:04	18.54	47.51	30.99	8.30	8.09	8.9	2.094	106.6	2.8	0.7
124	4/20/2016 17:01:04	18.66	47.41	30.91	8.17	8.07	9.2	2.018	105.2	2.2	0.5
125	4/20/2016 17:16:04	18.86	47.46	30.96	8.19	8.08	9.0	1.954	105.8	2.6	0.6
126	4/20/2016 17:31:04	19.00	47.45	30.95	8.21	8.08	10.4	1.927	106.4	2.7	0.6
127	4/20/2016 17:46:04	19.03	47.39	30.90	7.93	8.07	10.7	1.910	102.8	2.5	0.6
128	4/20/2016 18:01:04	19.04	47.38	30.90	7.92	8.06	10.8	1.915	102.7	3.3	0.8
129	4/20/2016 18:16:04	18.95	47.40	30.91	8.09	8.07	9.6	1.933	104.7	3.3	0.8
130	4/20/2016 18:31:04	18.79	47.34	30.87	8.04	8.06	9.4	1.978	103.7	3.2	0.8
131	4/20/2016 18:46:05	18.67	47.33	30.86	7.99	8.05	9.5	2.039	102.9	2.8	0.7
132	4/20/2016 19:01:04	18.63	47.16	30.73	8.00	8.05	10.0	2.110	102.8	2.8	0.7
133	4/20/2016 19:16:04	18.52	47.17	30.74	7.96	8.05	9.1	2.186	102.1	2.5	0.6
134	4/20/2016 19:31:05	18.27	47.30	30.83	7.98	8.05	9.2	2.280	101.8	3.3	0.8
135	4/20/2016 19:46:05	17.97	47.47	30.96	8.12	8.06	7.5	2.361	103.2	2.6	0.6
136	4/20/2016 20:01:05	17.63	47.68	31.11	8.19	8.08	6.6	2.439	103.5	2.5	0.6
137	4/20/2016 20:16:05	17.30	47.82	31.21	8.26	8.09	5.7	2.528	103.8	2.9	0.7
138	4/20/2016 20:31:05	16.97	47.96	31.31	8.32	8.09	5.3	2.598	103.9	2.5	0.6
139	4/20/2016 20:46:05	16.83	48.03	31.36	8.33	8.10	5.2	2.688	103.8	2.9	0.7
140	4/20/2016 21:01:05	16.73	48.08	31.39	8.41	8.10	5.3	2.772	104.6	3.4	0.8
141	4/20/2016 21:16:05	16.52	48.19	31.47	8.38	8.10	5.8	2.856	103.9	3.5	0.8
142	4/20/2016 21:31:05	16.21	48.31	31.55	8.35	8.10	6.9	2.944	103.0	2.3	0.5
143	4/20/2016 21:46:05	15.96	48.40	31.61	8.42	8.11	7.6	3.035	103.3	2.7	0.6
144	4/20/2016 22:01:05	15.58	48.55	31.72	8.68	8.13	8.9	3.122	105.8	3.4	0.8
145	4/20/2016 22:16:05	15.40	48.66	31.80	8.65	8.14	6.7	3.214	105.1	3.9	0.9
146	4/20/2016 22:31:05	15.07	48.83	31.91	8.80	8.15	6.6	3.306	106.2	4.3	1.0
147	4/20/2016 22:46:05	14.83	48.94	31.99	8.80	8.16	6.1	3.390	105.9	4.8	1.1

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
148	4/20/2016 23:01:05	14.47	49.12	32.11	9.02	8.18	5.9	3.474	107.8	5.0	1.2
149	4/20/2016 23:16:05	14.21	49.25	32.19	9.08	8.19	5.6	3.540	107.9	6.7	1.6
150	4/20/2016 23:31:05	13.98	49.38	32.28	9.28	8.20	4.2	3.605	109.8	6.5	1.6
151	4/20/2016 23:46:05	13.97	49.40	32.30	9.30	8.20	4.3	3.656	110.1	6.3	1.5
152	4/21/2016 00:01:05	13.94	49.42	32.31	9.29	8.21	4.0	3.686	109.9	5.3	1.3
153	4/21/2016 00:16:05	13.92	49.43	32.32	9.16	8.21	4.2	3.705	108.3	4.9	1.2
154	4/21/2016 00:31:05	13.94	49.42	32.31	9.12	8.20	3.7	3.710	107.9	5.7	1.3
155	4/21/2016 00:46:05	13.98	49.40	32.30	9.15	8.20	4.7	3.673	108.4	4.5	1.1
156	4/21/2016 01:01:05	13.96	49.41	32.31	9.21	8.20	4.5	3.627	109.0	4.3	1.0
157	4/21/2016 01:16:05	14.61	49.03	32.05	8.86	8.16	8.1	3.558	106.1	4.9	1.2
158	4/21/2016 01:31:05	14.74	48.94	31.98	8.83	8.16	5.8	3.469	106.0	3.5	0.8
159	4/21/2016 01:46:05	14.82	48.94	31.98	8.79	8.16	5.6	3.370	105.7	4.6	1.1
160	4/21/2016 02:01:05	15.26	48.70	31.82	8.57	8.13	5.6	3.260	103.8	3.5	0.8
161	4/21/2016 02:16:05	15.96	48.29	31.54	8.27	8.10	8.9	3.162	101.4	2.9	0.7
162	4/21/2016 02:31:05	15.93	48.28	31.53	8.24	8.10	8.0	3.045	101.0	2.9	0.7
163	4/21/2016 02:46:05	15.97	48.27	31.52	8.20	8.09	8.0	2.940	100.6	2.1	0.5
164	4/21/2016 03:01:05	16.17	48.18	31.46	8.07	8.09	8.1	2.828	99.4	2.4	0.6
165	4/21/2016 03:16:05	16.09	48.19	31.46	8.10	8.09	7.9	2.724	99.6	2.3	0.5
166	4/21/2016 03:31:06	16.13	48.21	31.48	8.11	8.09	7.8	2.610	99.8	2.9	0.7
167	4/21/2016 03:46:05	15.95	48.31	31.55	8.09	8.09	7.4	2.501	99.2	2.8	0.7
168	4/21/2016 04:01:05	15.94	48.27	31.52	8.09	8.08	6.7	2.387	99.2	2.2	0.5
169	4/21/2016 04:16:05	16.95	47.78	31.17	7.83	8.05	10.1	2.269	97.7	2.5	0.6
170	4/21/2016 04:31:05	16.77	47.83	31.21	7.75	8.06	10.0	2.156	96.4	2.8	0.7
171	4/21/2016 04:46:05	16.83	47.81	31.19	7.64	8.05	11.0	2.047	95.2	2.0	0.5
172	4/21/2016 05:01:05	17.20	47.66	31.09	7.55	8.04	11.4	1.953	94.6	2.2	0.5
173	4/21/2016 05:16:05	17.47	47.54	31.01	7.48	8.03	12.3	1.842	94.2	2.7	0.6
174	4/21/2016 05:31:05	17.54	47.50	30.98	7.43	8.03	12.3	1.751	93.6	2.8	0.7
175	4/21/2016 05:46:05	17.74	47.42	30.92	7.45	8.03	12.3	1.684	94.2	2.6	0.6
176	4/21/2016 06:01:04	17.82	47.39	30.90	7.36	8.02	11.4	1.626	93.2	2.4	0.6
177	4/21/2016 06:16:04	17.99	47.31	30.84	7.34	8.02	10.4	1.595	93.2	2.7	0.6
178	4/21/2016 06:31:04	18.04	47.30	30.84	7.24	8.01	8.7	1.582	92.1	3.1	0.7
179	4/21/2016 06:46:04	17.95	47.32	30.85	7.39	8.02	11.2	1.620	93.8	2.5	0.6
180	4/21/2016 07:01:04	17.94	47.33	30.86	7.43	8.02	10.8	1.661	94.3	2.3	0.5
181	4/21/2016 07:16:05	17.95	47.34	30.86	7.44	8.02	10.6	1.702	94.4	1.6	0.4
182	4/21/2016 07:31:05	17.89	47.31	30.84	7.43	8.02	10.4	1.788	94.2	1.4	0.3
183	4/21/2016 07:46:05	17.83	47.04	30.64	7.28	8.01	11.1	1.874	92.1	2.2	0.5
184	4/21/2016 08:01:05	17.77	46.86	30.51	7.25	8.00	13.4	1.972	91.5	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
185	4/21/2016 08:16:05	17.64	47.12	30.70	7.33	8.01	13.0	2.054	92.5	1.6	0.4
186	4/21/2016 08:31:05	17.39	47.39	30.89	7.40	8.02	11.1	2.148	93.0	2.0	0.5
187	4/21/2016 08:46:05	17.12	47.60	31.05	7.58	8.03	8.7	2.235	94.8	1.8	0.4
188	4/21/2016 09:01:05	16.87	47.78	31.17	7.73	8.05	8.3	2.324	96.3	1.7	0.4
189	4/21/2016 09:16:05	16.74	47.92	31.27	7.87	8.07	6.8	2.403	97.8	2.1	0.5
190	4/21/2016 09:31:05	16.68	47.99	31.33	7.92	8.07	5.7	2.476	98.3	2.1	0.5
191	4/21/2016 09:46:05	16.64	48.04	31.36	8.03	8.08	5.4	2.572	99.7	2.5	0.6
192	4/21/2016 10:01:05	16.54	48.09	31.40	8.06	8.08	6.3	2.649	99.8	2.7	0.6
193	4/21/2016 10:16:05	16.34	48.18	31.46	8.09	8.08	7.0	2.734	99.9	2.7	0.6
194	4/21/2016 10:31:05	16.14	48.25	31.51	8.12	8.09	6.4	2.817	99.9	2.5	0.6
195	4/21/2016 10:46:05	15.94	48.31	31.55	8.11	8.09	7.8	2.900	99.5	2.8	0.7
196	4/21/2016 11:01:05	15.66	48.38	31.60	8.31	8.11	9.3	2.979	101.3	2.8	0.7
197	4/21/2016 11:16:05	15.45	48.52	31.69	8.34	8.12	8.1	3.061	101.4	3.7	0.9
198	4/21/2016 11:31:05	15.29	48.62	31.76	8.39	8.13	8.3	3.143	101.7	3.5	0.8
199	4/21/2016 11:46:05	14.86	48.83	31.91	8.60	8.14	6.4	3.213	103.4	3.6	0.8
200	4/21/2016 12:01:05	14.53	49.02	32.04	8.72	8.16	6.1	3.281	104.3	3.9	0.9
201	4/21/2016 12:16:05	14.41	49.13	32.11	8.82	8.17	5.1	3.334	105.3	4.4	1.0
202	4/21/2016 12:31:05	14.35	49.18	32.14	8.78	8.18	4.8	3.386	104.7	4.5	1.1
203	4/21/2016 12:46:05	14.29	49.22	32.18	8.80	8.19	3.4	3.441	104.8	5.1	1.2
204	4/21/2016 13:01:05	14.24	49.25	32.20	8.75	8.19	4.3	3.440	104.1	4.7	1.1
205	4/21/2016 13:16:05	14.44	49.16	32.13	8.72	8.17	4.8	3.424	104.1	4.1	1.0
206	4/21/2016 13:31:05	14.29	49.22	32.18	8.74	8.18	5.4	3.415	104.1	3.8	0.9
207	4/21/2016 13:46:05	14.43	49.15	32.13	8.69	8.17	5.5	3.373	103.8	3.3	0.8
208	4/21/2016 14:01:05	14.70	49.01	32.03	8.67	8.16	6.1	3.292	104.1	3.1	0.7
209	4/21/2016 14:16:05	15.51	48.70	31.82	8.66	8.15	6.3	3.233	105.4	4.1	1.0
210	4/21/2016 14:31:05	16.16	48.47	31.67	8.62	8.15	6.5	3.162	106.3	4.4	1.1
211	4/21/2016 14:46:05	16.58	48.36	31.60	8.54	8.15	7.2	3.073	106.1	3.6	0.8
212	4/21/2016 15:01:05	16.18	48.55	31.73	8.75	8.16	6.2	2.964	107.9	3.9	0.9
213	4/21/2016 15:16:05	16.32	48.49	31.69	8.69	8.16	6.2	2.885	107.4	3.5	0.8
214	4/21/2016 15:31:05	16.54	48.36	31.59	8.63	8.14	7.6	2.811	107.1	3.4	0.8
215	4/21/2016 15:46:05	16.53	48.38	31.60	8.63	8.15	7.5	2.698	107.1	3.3	0.8
216	4/21/2016 16:01:06	16.55	48.35	31.59	8.64	8.15	7.2	2.620	107.2	3.7	0.9
217	4/21/2016 16:16:06	16.71	48.27	31.53	8.54	8.14	8.6	2.535	106.3	4.3	1.0
218	4/21/2016 16:31:05	16.93	48.13	31.43	8.33	8.12	9.4	2.443	104.0	3.8	0.9
219	4/21/2016 16:46:05	17.07	48.02	31.35	8.21	8.11	11.4	2.367	102.8	3.6	0.8
220	4/21/2016 17:01:05	17.37	47.79	31.19	7.99	8.08	11.4	2.278	100.5	3.7	0.9
221	4/21/2016 17:16:05	17.46	47.70	31.12	7.91	8.08	12.4	2.205	99.6	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
222	4/21/2016 17:31:05	17.54	47.66	31.09	7.96	8.08	11.1	2.150	100.5	3.7	0.9
223	4/21/2016 17:46:05	17.77	47.55	31.01	7.81	8.07	11.4	2.098	98.9	3.9	0.9
224	4/21/2016 18:01:05	18.02	47.42	30.92	7.59	8.05	11.2	2.057	96.5	4.2	1.0
225	4/21/2016 18:16:04	18.11	47.38	30.89	7.58	8.04	12.9	2.011	96.5	4.4	1.0
226	4/21/2016 18:31:05	18.11	47.38	30.89	7.32	8.02	9.2	2.020	93.2	3.3	0.8
227	4/21/2016 18:46:04	18.04	47.36	30.88	7.58	8.04	11.9	2.047	96.4	3.7	0.9
228	4/21/2016 19:01:05	17.94	47.39	30.90	7.59	8.04	10.6	2.047	96.4	3.9	0.9
229	4/21/2016 19:16:04	17.81	47.43	30.93	7.63	8.04	11.7	2.091	96.7	3.2	0.8
230	4/21/2016 19:31:05	17.63	47.57	31.03	7.78	8.05	10.5	2.166	98.3	3.4	0.8
231	4/21/2016 19:46:05	17.52	47.69	31.11	8.03	8.08	11.2	2.247	101.2	3.1	0.7
232	4/21/2016 20:01:05	17.36	47.81	31.20	7.96	8.08	9.0	2.316	100.2	3.2	0.8
233	4/21/2016 20:16:05	17.18	47.95	31.30	8.12	8.10	7.3	2.397	101.9	3.8	0.9
234	4/21/2016 20:31:05	17.04	48.04	31.37	8.21	8.10	7.8	2.484	102.7	3.6	0.9
235	4/21/2016 20:46:05	16.86	48.13	31.43	8.17	8.11	6.5	2.550	102.0	3.8	0.9
236	4/21/2016 21:01:05	16.63	48.21	31.49	8.19	8.11	6.5	2.636	101.7	3.6	0.8
237	4/21/2016 21:16:05	16.52	48.27	31.53	8.23	8.11	6.3	2.713	102.1	4.3	1.0
238	4/21/2016 21:31:05	16.44	48.31	31.55	8.20	8.11	6.5	2.801	101.5	3.6	0.8
239	4/21/2016 21:46:05	16.21	48.39	31.61	8.29	8.12	6.9	2.884	102.2	4.0	0.9
240	4/21/2016 22:01:05	15.89	48.53	31.71	8.30	8.13	7.0	2.959	101.8	4.0	0.9
241	4/21/2016 22:16:05	15.65	48.65	31.79	8.42	8.14	8.2	3.059	102.8	4.1	1.0
242	4/21/2016 22:31:05	15.23	48.82	31.91	8.57	8.15	8.5	3.146	103.9	4.7	1.1
243	4/21/2016 22:46:05	14.84	48.99	32.02	8.66	8.17	8.0	3.249	104.1	4.8	1.1
244	4/21/2016 23:01:05	14.54	49.13	32.12	8.78	8.18	8.7	3.327	105.0	5.5	1.3
245	4/21/2016 23:16:05	14.33	49.22	32.17	8.75	8.19	6.4	3.410	104.3	5.2	1.2
246	4/21/2016 23:31:05	14.11	49.27	32.21	8.79	8.19	6.5	3.489	104.3	5.5	1.3
247	4/21/2016 23:46:05	13.91	49.39	32.29	8.92	8.20	6.2	3.549	105.5	6.6	1.6
248	4/22/2016 00:01:05	13.78	49.45	32.33	8.91	8.21	5.2	3.627	105.1	8.6	2.0
249	4/22/2016 00:16:05	13.76	49.44	32.32	8.90	8.21	4.0	3.676	104.9	7.3	1.7
250	4/22/2016 00:31:05	13.63	49.42	32.30	8.94	8.22	3.6	3.710	105.1	5.6	1.3
251	4/22/2016 00:46:05	13.64	49.39	32.28	8.86	8.22	5.1	3.731	104.2	7.9	1.9
252	4/22/2016 01:01:05	13.77	49.35	32.25	8.84	8.21	4.8	3.697	104.3	6.4	1.5
253	4/22/2016 01:16:05	13.65	49.43	32.31	8.88	8.21	4.4	3.692	104.5	4.5	1.1
254	4/22/2016 01:31:05	13.93	49.30	32.22	8.81	8.20	4.8	3.650	104.2	5.1	1.2
255	4/22/2016 01:46:05	13.98	49.32	32.24	8.77	8.19	4.9	3.582	103.9	5.1	1.2
256	4/22/2016 02:01:05	14.14	49.25	32.19	8.70	8.19	6.8	3.484	103.3	5.1	1.2
257	4/22/2016 02:16:05	14.72	48.76	31.85	8.38	8.16	7.1	3.392	100.5	4.5	1.1
258	4/22/2016 02:31:05	14.96	48.64	31.77	8.36	8.15	8.1	3.287	100.6	4.2	1.0

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
259	4/22/2016 02:46:05	15.17	48.55	31.71	8.33	8.14	9.6	3.207	100.7	4.6	1.1
260	4/22/2016 03:01:05	15.14	48.56	31.71	8.34	8.14	7.9	3.083	100.7	4.2	1.0
261	4/22/2016 03:16:05	15.32	48.46	31.65	8.25	8.13	8.9	2.964	100.0	4.2	1.0
262	4/22/2016 03:31:05	15.38	48.42	31.62	8.19	8.13	8.9	2.867	99.4	3.3	0.8
263	4/22/2016 03:46:05	15.67	48.30	31.53	7.98	8.11	8.3	2.742	97.3	3.1	0.7
264	4/22/2016 04:01:05	15.60	48.37	31.59	8.01	8.12	9.0	2.639	97.6	3.5	0.8
265	4/22/2016 04:16:05	15.59	48.36	31.58	8.01	8.11	8.3	2.531	97.5	3.7	0.9
266	4/22/2016 04:31:06	15.62	48.33	31.56	8.01	8.11	9.5	2.399	97.6	3.7	0.9
267	4/22/2016 04:46:05	16.07	48.05	31.36	7.87	8.09	9.1	2.291	96.6	2.9	0.7
268	4/22/2016 05:01:06	16.14	47.98	31.31	7.76	8.08	9.2	2.181	95.4	3.6	0.9
269	4/22/2016 05:16:05	15.95	48.02	31.34	7.65	8.08	9.4	2.064	93.7	2.9	0.7
270	4/22/2016 05:31:05	16.51	47.63	31.06	7.47	8.05	11.7	1.957	92.4	3.0	0.7
271	4/22/2016 05:46:05	16.59	47.50	30.97	7.38	8.04	13.0	1.842	91.3	2.7	0.6
272	4/22/2016 06:01:05	16.62	47.42	30.91	7.30	8.03	12.5	1.751	90.3	2.9	0.7
273	4/22/2016 06:16:05	16.94	47.14	30.71	7.19	8.02	13.6	1.669	89.5	3.1	0.7
274	4/22/2016 06:31:05	16.95	47.04	30.64	7.15	8.02	13.7	1.588	88.9	3.2	0.8
275	4/22/2016 06:46:05	17.04	46.95	30.57	7.05	8.01	14.2	1.562	87.8	3.5	0.8
276	4/22/2016 07:01:05	17.11	46.92	30.55	7.00	8.01	11.8	1.535	87.3	2.1	0.5
277	4/22/2016 07:16:05	17.11	46.91	30.55	6.99	8.01	10.6	1.547	87.2	2.6	0.6
278	4/22/2016 07:31:05	17.10	46.96	30.58	7.04	8.01	11.8	1.586	87.8	2.5	0.6
279	4/22/2016 07:46:05	17.15	47.04	30.64	7.09	8.01	12.4	1.622	88.5	2.8	0.7
280	4/22/2016 08:01:05	17.11	47.05	30.65	7.15	8.01	11.4	1.704	89.2	2.5	0.6
281	4/22/2016 08:16:05	16.86	46.59	30.31	7.17	8.01	11.7	1.797	88.9	2.5	0.6
282	4/22/2016 08:31:05	16.88	46.54	30.27	7.19	8.01	13.1	1.889	89.1	2.5	0.6
283	4/22/2016 08:46:05	16.80	46.66	30.36	7.22	8.01	13.0	1.978	89.4	2.0	0.5
284	4/22/2016 09:01:05	16.74	46.97	30.58	7.27	8.02	12.8	2.083	90.1	1.9	0.5
285	4/22/2016 09:16:05	16.62	47.26	30.79	7.38	8.04	11.1	2.167	91.2	2.2	0.5
286	4/22/2016 09:31:05	16.44	47.57	31.02	7.52	8.05	8.7	2.251	92.8	2.4	0.6
287	4/22/2016 09:46:05	16.40	47.65	31.07	7.54	8.06	8.0	2.337	93.0	2.1	0.5
288	4/22/2016 10:01:05	16.38	47.75	31.15	7.66	8.07	7.0	2.435	94.5	2.6	0.6
289	4/22/2016 10:16:05	16.39	47.80	31.18	7.69	8.08	6.7	2.518	94.9	2.4	0.6
290	4/22/2016 10:31:05	16.31	47.86	31.23	7.69	8.08	6.7	2.602	94.7	2.4	0.6
291	4/22/2016 10:46:05	16.09	47.97	31.30	7.80	8.09	7.0	2.685	95.7	2.6	0.6
292	4/22/2016 11:01:05	15.96	48.03	31.34	7.85	8.09	7.2	2.772	96.2	2.3	0.5
293	4/22/2016 11:16:05	15.80	48.11	31.40	7.91	8.10	7.9	2.865	96.6	2.4	0.6
294	4/22/2016 11:31:05	15.53	48.19	31.46	8.03	8.11	8.6	2.945	97.6	2.9	0.7
295	4/22/2016 11:46:05	15.30	48.31	31.53	8.06	8.12	9.6	3.038	97.5	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
296	4/22/2016 12:01:05	15.06	48.43	31.62	8.19	8.13	9.4	3.124	98.7	2.9	0.7
297	4/22/2016 12:16:05	14.69	48.61	31.74	8.30	8.15	9.5	3.206	99.4	3.7	0.9
298	4/22/2016 12:31:05	14.47	48.68	31.79	8.39	8.16	7.7	3.285	100.0	4.2	1.0
299	4/22/2016 12:46:05	14.38	48.71	31.80	8.36	8.16	5.9	3.341	99.5	3.8	0.9
300	4/22/2016 13:01:05	14.25	48.77	31.84	8.45	8.17	5.3	3.388	100.3	3.8	0.9
301	4/22/2016 13:16:05	14.16	48.77	31.85	8.45	8.18	4.4	3.433	100.2	4.1	1.0
302	4/22/2016 13:31:05	14.12	48.79	31.86	8.38	8.18	3.2	3.451	99.3	2.9	0.7
303	4/22/2016 13:46:06	14.16	48.82	31.88	8.40	8.17	4.1	3.441	99.6	4.0	0.9
304	4/22/2016 14:01:05	14.20	48.75	31.83	8.39	8.17	5.5	3.428	99.5	3.7	0.9
305	4/22/2016 14:16:05	14.25	48.72	31.81	8.40	8.18	5.6	3.405	99.7	3.6	0.9
306	4/22/2016 14:31:05	14.73	48.52	31.68	8.33	8.16	6.8	3.340	99.8	2.6	0.6
307	4/22/2016 14:46:05	15.42	48.28	31.52	8.41	8.16	5.6	3.273	102.1	3.1	0.7
308	4/22/2016 15:01:05	15.23	48.36	31.57	8.40	8.15	6.7	3.196	101.6	3.2	0.8
309	4/22/2016 15:16:05	15.32	48.43	31.62	8.65	8.17	5.8	3.104	104.8	4.2	1.0
310	4/22/2016 15:31:05	15.68	48.27	31.51	8.51	8.16	5.4	3.028	103.7	3.3	0.8
311	4/22/2016 15:46:05	15.82	48.06	31.36	8.35	8.14	7.6	2.944	102.0	4.2	1.0
312	4/22/2016 16:01:06	16.01	47.98	31.31	8.30	8.13	6.5	2.852	101.8	3.3	0.8
313	4/22/2016 16:16:05	16.14	47.94	31.28	8.28	8.13	6.2	2.774	101.8	3.6	0.9
314	4/22/2016 16:31:05	16.27	47.89	31.25	8.25	8.13	6.5	2.700	101.6	2.8	0.7
315	4/22/2016 16:46:05	16.42	47.86	31.23	8.31	8.13	6.6	2.623	102.6	3.4	0.8
316	4/22/2016 17:01:05	16.61	47.76	31.16	8.24	8.12	6.6	2.540	102.1	3.3	0.8
317	4/22/2016 17:16:05	16.61	47.78	31.17	8.33	8.13	7.2	2.456	103.2	3.5	0.8
318	4/22/2016 17:31:05	16.74	47.59	31.04	8.08	8.11	7.5	2.394	100.4	3.8	0.9
319	4/22/2016 17:46:05	16.80	47.58	31.03	8.14	8.11	8.1	2.320	101.1	4.1	1.0
320	4/22/2016 18:01:05	16.89	47.46	30.94	8.07	8.10	8.4	2.268	100.4	4.0	1.0
321	4/22/2016 18:16:05	16.94	47.44	30.93	8.01	8.09	8.4	2.213	99.8	3.6	0.8
322	4/22/2016 18:31:05	16.99	47.39	30.89	7.96	8.09	8.6	2.168	99.2	3.6	0.9
323	4/22/2016 18:46:05	17.03	47.33	30.85	7.92	8.08	9.8	2.129	98.8	3.7	0.9
324	4/22/2016 19:01:05	17.11	47.21	30.76	7.77	8.07	8.1	2.128	96.9	3.9	0.9
325	4/22/2016 19:16:05	17.13	47.13	30.71	7.56	8.06	7.3	2.139	94.4	4.0	0.9
326	4/22/2016 19:31:05	17.04	47.17	30.74	7.74	8.07	9.0	2.165	96.5	3.0	0.7
327	4/22/2016 19:46:05	16.99	47.24	30.78	7.82	8.07	9.0	2.198	97.4	4.0	0.9
328	4/22/2016 20:01:05	16.94	47.25	30.79	7.87	8.07	7.5	2.254	98.0	3.9	0.9
329	4/22/2016 20:16:05	16.90	46.97	30.58	7.92	8.08	9.0	2.321	98.3	3.5	0.8
330	4/22/2016 20:31:05	16.80	47.17	30.73	7.91	8.08	8.1	2.409	98.1	4.2	1.0
331	4/22/2016 20:46:05	16.72	47.39	30.89	8.01	8.09	7.8	2.484	99.3	3.6	0.9
332	4/22/2016 21:01:05	16.64	47.46	30.94	8.07	8.10	7.1	2.570	100.0	3.9	0.9

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
333	4/22/2016 21:16:06	16.48	47.61	31.04	8.07	8.11	7.0	2.654	99.7	3.8	0.9
334	4/22/2016 21:31:05	16.26	47.76	31.16	8.06	8.11	6.5	2.734	99.3	3.8	0.9
335	4/22/2016 21:46:05	16.10	47.89	31.25	8.08	8.11	5.7	2.807	99.2	3.8	0.9
336	4/22/2016 22:01:05	16.03	47.92	31.27	8.05	8.11	5.6	2.898	98.7	4.1	1.0
337	4/22/2016 22:16:05	15.90	47.98	31.31	8.15	8.12	6.1	2.974	99.6	4.1	1.0
338	4/22/2016 22:31:05	15.63	48.13	31.41	8.21	8.13	6.8	3.070	99.9	3.7	0.9
339	4/22/2016 22:46:06	15.42	48.17	31.44	8.20	8.14	7.0	3.149	99.5	4.0	1.0
340	4/22/2016 23:01:05	15.24	48.26	31.50	8.26	8.14	7.6	3.236	99.8	3.6	0.9
341	4/22/2016 23:16:05	14.85	48.41	31.60	8.50	8.17	8.3	3.314	102.0	4.0	1.0
342	4/22/2016 23:31:05	14.58	48.53	31.68	8.57	8.18	7.8	3.401	102.3	5.1	1.2
343	4/22/2016 23:46:05	14.45	48.61	31.74	8.61	8.18	7.6	3.476	102.5	5.6	1.3
344	4/23/2016 00:01:06	14.34	48.67	31.78	8.70	8.19	5.9	3.545	103.4	5.1	1.2
345	4/23/2016 00:16:05	14.20	48.75	31.83	8.70	8.20	5.1	3.616	103.2	5.6	1.3
346	4/23/2016 00:31:05	14.02	48.84	31.89	8.87	8.21	4.3	3.668	104.9	6.6	1.6
347	4/23/2016 00:46:05	13.94	48.88	31.92	8.85	8.22	4.4	3.701	104.5	5.6	1.3
348	4/23/2016 01:01:05	13.87	48.93	31.95	8.82	8.22	4.0	3.727	104.0	6.2	1.5
349	4/23/2016 01:16:05	13.85	48.95	31.96	8.61	8.21	2.1	3.746	101.5	4.5	1.1
350	4/23/2016 01:31:05	13.87	48.95	31.96	8.82	8.21	3.5	3.735	104.0	5.4	1.3
351	4/23/2016 01:46:05	13.88	48.94	31.96	8.86	8.21	4.5	3.695	104.5	5.2	1.2
352	4/23/2016 02:01:05	14.85	48.39	31.59	8.30	8.15	8.1	3.634	99.6	3.3	0.8
353	4/23/2016 02:16:05	14.84	48.41	31.60	8.23	8.15	7.1	3.570	98.7	3.9	0.9
354	4/23/2016 02:31:05	14.71	48.47	31.64	8.38	8.16	6.1	3.463	100.3	3.8	0.9
355	4/23/2016 02:46:05	14.85	48.41	31.60	8.34	8.15	6.7	3.361	100.0	4.5	1.1
356	4/23/2016 03:01:05	15.19	48.17	31.43	8.07	8.13	10.1	3.268	97.5	3.8	0.9
357	4/23/2016 03:16:05	15.10	48.26	31.49	8.19	8.14	8.4	3.166	98.7	3.9	0.9
358	4/23/2016 03:31:05	15.26	48.16	31.43	8.08	8.12	7.1	3.057	97.6	3.9	0.9
359	4/23/2016 03:46:05	15.46	48.05	31.35	7.95	8.11	7.8	2.955	96.4	2.9	0.7
360	4/23/2016 04:01:05	15.37	48.06	31.36	7.95	8.11	8.2	2.849	96.2	3.2	0.8
361	4/23/2016 04:16:05	15.56	47.96	31.29	7.84	8.09	8.7	2.738	95.2	3.3	0.8
362	4/23/2016 04:31:05	15.95	47.60	31.04	7.74	8.08	9.3	2.613	94.6	2.6	0.6
363	4/23/2016 04:46:06	15.82	47.61	31.04	7.71	8.08	9.0	2.499	94.0	2.2	0.5
364	4/23/2016 05:01:06	15.92	47.39	30.88	7.65	8.07	10.2	2.387	93.3	3.0	0.7
365	4/23/2016 05:16:06	15.83	47.46	30.93	7.56	8.06	11.0	2.260	92.1	3.0	0.7
366	4/23/2016 05:31:06	16.09	47.25	30.78	7.40	8.04	12.1	2.146	90.5	3.0	0.7
367	4/23/2016 05:46:06	15.99	47.40	30.89	7.35	8.04	12.5	2.007	89.9	3.0	0.7
368	4/23/2016 06:01:06	16.11	47.28	30.80	7.30	8.03	14.1	1.914	89.3	3.5	0.8
369	4/23/2016 06:16:06	16.07	47.22	30.76	7.20	8.02	13.4	1.786	88.0	2.7	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	Fluorescence %FS
370	4/23/2016 06:31:05	16.20	47.07	30.65	7.16	8.02	13.1	1.685	87.8	2.6	0.6
371	4/23/2016 06:46:06	16.24	47.03	30.62	7.18	8.02	11.4	1.619	88.1	2.8	0.7
372	4/23/2016 07:01:06	16.20	47.05	30.63	7.12	8.01	15.1	1.501	87.2	2.9	0.7
373	4/23/2016 07:16:05	16.25	47.02	30.62	7.13	8.01	11.2	1.503	87.4	2.4	0.6
374	4/23/2016 07:31:05	16.27	47.01	30.61	7.04	8.01	9.7	1.518	86.4	2.7	0.6
375	4/23/2016 07:46:05	16.26	47.00	30.61	7.17	8.01	9.9	1.475	87.9	2.2	0.5
376	4/23/2016 08:01:06	16.28	46.99	30.59	7.19	8.02	10.3	1.549	88.2	2.2	0.5
377	4/23/2016 08:16:05	16.35	46.94	30.56	7.18	8.01	10.8	1.612	88.2	2.6	0.6
378	4/23/2016 08:31:05	16.33	46.66	30.36	7.18	8.01	11.3	1.679	88.1	6.7	1.6
379	4/23/2016 08:46:05	16.34	46.62	30.33	7.15	8.00	11.1	1.773	87.7	2.4	0.6
380	4/23/2016 09:01:05	16.34	46.49	30.23	7.12	8.00	12.2	1.832	87.3	2.5	0.6
381	4/23/2016 09:16:05	16.32	46.56	30.28	7.08	8.00	12.3	1.933	86.8	2.8	0.7
382	4/23/2016 09:31:06	16.32	46.60	30.31	7.10	8.00	12.5	2.037	87.1	2.1	0.5
383	4/23/2016 09:46:05	16.29	46.66	30.36	7.14	8.01	11.4	2.111	87.5	2.2	0.5
384	4/23/2016 10:01:05	16.17	46.94	30.56	7.25	8.02	10.8	2.202	88.8	2.1	0.5
385	4/23/2016 10:16:06	16.07	47.13	30.69	7.37	8.04	8.1	2.276	90.1	2.1	0.5
386	4/23/2016 10:31:05	16.04	47.22	30.76	7.46	8.05	6.7	2.356	91.2	2.0	0.5
387	4/23/2016 10:46:05	16.04	47.45	30.93	7.58	8.07	6.7	2.464	92.8	2.9	0.7
388	4/23/2016 11:01:05	16.02	47.60	31.03	7.71	8.08	6.1	2.536	94.3	3.2	0.8
389	4/23/2016 11:16:06	15.98	47.64	31.06	7.70	8.08	6.8	2.623	94.2	3.2	0.8
390	4/23/2016 11:31:06	15.90	47.63	31.06	7.74	8.09	6.4	2.720	94.5	2.9	0.7
391	4/23/2016 11:46:05	15.79	47.63	31.06	7.79	8.09	7.8	2.801	95.0	2.9	0.7
392	4/23/2016 12:01:06	15.73	47.80	31.18	7.87	8.10	7.6	2.873	95.9	3.9	0.9
393	4/23/2016 12:16:06	15.57	47.86	31.22	7.92	8.11	8.3	2.954	96.2	3.6	0.8
394	4/23/2016 12:31:05	15.41	47.93	31.26	8.01	8.12	9.7	3.037	97.1	4.0	0.9
395	4/23/2016 12:46:05	15.28	48.02	31.33	8.12	8.13	9.2	3.095	98.1	4.4	1.0
396	4/23/2016 13:01:05	15.13	48.18	31.44	8.20	8.14	8.6	3.172	98.9	4.0	1.0
397	4/23/2016 13:16:05	14.79	48.39	31.59	8.45	8.17	7.8	3.232	101.3	4.5	1.1
398	4/23/2016 13:31:06	14.59	48.54	31.69	8.63	8.19	7.2	3.304	103.1	4.4	1.0
399	4/23/2016 13:46:05	14.49	48.62	31.74	8.69	8.20	6.6	3.334	103.6	5.0	1.2
400	4/23/2016 14:01:05	14.42	48.67	31.78	8.72	8.20	5.8	3.371	103.9	4.4	1.0
401	4/23/2016 14:16:05	14.39	48.69	31.79	8.66	8.21	6.1	3.404	103.0	4.0	1.0
402	4/23/2016 14:31:05	14.40	48.69	31.79	8.49	8.19	4.9	3.408	101.1	4.3	1.0
403	4/23/2016 14:46:06	14.44	48.69	31.79	8.66	8.20	5.7	3.388	103.2	4.3	1.0
404	4/23/2016 15:01:06	14.49	48.68	31.79	8.64	8.20	6.5	3.339	103.0	4.4	1.0
405	4/23/2016 15:16:06	14.80	48.48	31.65	8.62	8.19	5.7	3.285	103.3	5.0	1.2
406	4/23/2016 15:31:06	15.20	48.26	31.50	8.51	8.17	6.1	3.220	102.8	4.2	1.0

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
407	4/23/2016 15:46:05	15.65	48.20	31.46	8.66	8.18	6.0	3.136	105.5	4.2	1.0
408	4/23/2016 16:01:06	15.47	48.31	31.54	8.74	8.19	5.4	3.067	106.2	4.2	1.0
409	4/23/2016 16:16:05	15.93	47.95	31.29	8.51	8.16	5.9	2.996	104.1	3.6	0.9
410	4/23/2016 16:31:06	16.25	47.82	31.19	8.52	8.15	6.3	2.895	104.8	3.6	0.9
411	4/23/2016 16:46:06	16.43	47.70	31.11	8.47	8.14	6.3	2.811	104.6	3.4	0.8
412	4/23/2016 17:01:05	16.58	47.64	31.07	8.41	8.14	6.7	2.716	104.1	2.9	0.7
413	4/23/2016 17:16:06	16.68	47.61	31.05	8.35	8.14	7.2	2.641	103.6	4.0	0.9
414	4/23/2016 17:31:05	16.74	47.53	30.99	8.36	8.13	6.2	2.578	103.7	4.3	1.0
415	4/23/2016 17:46:05	16.78	47.43	30.92	8.41	8.13	6.3	2.484	104.4	3.8	0.9
416	4/23/2016 18:01:05	16.77	47.34	30.85	8.29	8.12	9.0	2.442	102.8	3.6	0.9
417	4/23/2016 18:16:05	16.77	47.36	30.87	8.34	8.12	7.2	2.367	103.5	3.5	0.8
418	4/23/2016 18:31:05	16.78	47.21	30.76	8.22	8.11	7.6	2.316	101.9	3.6	0.8
419	4/23/2016 18:46:06	16.85	47.08	30.67	8.05	8.09	7.4	2.271	99.9	3.6	0.9
420	4/23/2016 19:01:05	16.94	46.95	30.58	7.84	8.07	7.8	2.245	97.5	3.6	0.8
421	4/23/2016 19:16:05	16.97	46.90	30.54	7.75	8.07	7.9	2.222	96.4	3.5	0.8
422	4/23/2016 19:31:05	17.00	46.88	30.53	7.46	8.05	6.7	2.194	92.8	3.9	0.9
423	4/23/2016 19:46:05	16.94	46.88	30.52	7.66	8.06	8.5	2.224	95.1	4.0	0.9
424	4/23/2016 20:01:05	16.91	46.92	30.55	7.82	8.07	7.4	2.238	97.2	4.2	1.0
425	4/23/2016 20:16:05	16.87	46.99	30.60	7.83	8.07	7.1	2.288	97.2	4.2	1.0
426	4/23/2016 20:31:05	16.82	47.07	30.66	7.88	8.08	7.0	2.342	97.8	4.1	1.0
427	4/23/2016 20:46:05	16.86	47.06	30.65	8.02	8.09	7.4	2.407	99.6	4.0	0.9
428	4/23/2016 21:01:05	16.79	47.24	30.78	8.16	8.10	7.4	2.477	101.2	4.0	0.9
429	4/23/2016 21:16:05	16.71	47.36	30.87	8.13	8.10	6.7	2.560	100.8	3.6	0.9
430	4/23/2016 21:31:05	16.63	47.48	30.95	8.20	8.11	6.7	2.646	101.5	4.2	1.0
431	4/23/2016 21:46:05	16.45	47.62	31.06	8.24	8.12	6.1	2.711	101.8	4.6	1.1
432	4/23/2016 22:01:05	16.20	47.72	31.13	8.23	8.12	5.5	2.785	101.1	4.1	1.0
433	4/23/2016 22:16:06	16.04	47.80	31.18	8.19	8.12	5.2	2.861	100.4	4.2	1.0
434	4/23/2016 22:31:05	15.88	47.89	31.24	8.17	8.13	5.6	2.940	99.8	4.1	1.0
435	4/23/2016 22:46:06	15.79	47.95	31.28	8.18	8.13	5.6	3.009	99.9	4.1	1.0
436	4/23/2016 23:01:05	15.59	48.06	31.36	8.29	8.14	5.9	3.085	100.8	3.8	0.9
437	4/23/2016 23:16:06	15.26	48.07	31.36	8.50	8.17	7.8	3.166	102.7	4.7	1.1
438	4/23/2016 23:31:06	15.13	48.22	31.46	8.51	8.17	8.7	3.245	102.6	4.7	1.1
439	4/23/2016 23:46:05	14.81	48.37	31.57	8.64	8.19	7.8	3.332	103.6	5.6	1.3
440	4/24/2016 00:01:06	14.66	48.46	31.63	8.75	8.20	7.0	3.403	104.6	6.5	1.5
441	4/24/2016 00:16:05	14.48	48.58	31.72	8.74	8.20	6.7	3.490	104.2	5.1	1.2
442	4/24/2016 00:31:05	14.31	48.69	31.79	8.79	8.21	5.7	3.555	104.5	5.0	1.2
443	4/24/2016 00:46:05	14.20	48.76	31.83	8.80	8.21	5.6	3.618	104.4	5.0	1.2

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	4/24/2016 01:01:05	14.00	48.89	31.93	8.92	8.23	5.7	3.673	105.5	5.5	1.3
445	4/24/2016 01:16:06	13.90	48.97	31.98	9.01	8.23	4.5	3.716	106.3	6.4	1.5
446	4/24/2016 01:31:05	13.87	48.99	31.99	8.94	8.23	6.0	3.728	105.5	6.4	1.5
447	4/24/2016 01:46:06	13.88	48.99	31.99	8.53	8.21	3.1	3.740	100.7	6.6	1.6
448	4/24/2016 02:01:05	13.89	48.98	31.99	8.89	8.22	3.9	3.727	104.8	4.5	1.1
449	4/24/2016 02:16:05	13.88	48.98	31.99	8.90	8.22	4.7	3.691	105.0	5.6	1.3
450	4/24/2016 02:31:05	14.52	48.55	31.69	8.62	8.19	7.0	3.627	102.8	4.6	1.1
451	4/24/2016 02:46:06	14.42	48.63	31.75	8.54	8.19	6.5	3.556	101.8	4.2	1.0
452	4/24/2016 03:01:06	14.44	48.64	31.76	8.57	8.19	6.8	3.471	102.1	4.6	1.1
453	4/24/2016 03:16:05	14.74	48.43	31.61	8.45	8.17	5.7	3.354	101.2	3.9	0.9
454	4/24/2016 03:31:05	15.20	48.10	31.38	8.18	8.14	10.9	3.254	98.7	4.1	1.0
455	4/24/2016 03:46:05	15.20	48.06	31.35	8.24	8.14	8.6	3.160	99.4	3.6	0.8
456	4/24/2016 04:01:06	15.28	48.04	31.34	8.17	8.14	7.2	3.066	98.8	3.6	0.9
457	4/24/2016 04:16:05	15.29	48.02	31.33	8.05	8.13	8.7	2.960	97.3	3.6	0.8
458	4/24/2016 04:31:05	15.59	47.88	31.23	8.00	8.12	7.8	2.842	97.2	3.0	0.7
459	4/24/2016 04:46:05	15.56	47.86	31.21	7.94	8.11	9.3	2.730	96.4	3.5	0.8
460	4/24/2016 05:01:05	15.75	47.73	31.12	7.88	8.10	8.7	2.619	96.0	3.4	0.8
461	4/24/2016 05:16:05	15.98	47.56	31.00	7.79	8.09	10.1	2.488	95.2	3.0	0.7
462	4/24/2016 05:31:05	15.93	47.54	30.99	7.78	8.08	9.3	2.365	95.0	3.2	0.8
463	4/24/2016 05:46:06	16.01	47.44	30.92	7.69	8.07	9.7	2.260	94.1	3.3	0.8
464	4/24/2016 06:01:05	15.86	47.46	30.93	7.61	8.07	11.6	2.137	92.8	3.6	0.9
465	4/24/2016 06:16:05	15.85	47.44	30.91	7.55	8.06	14.5	2.008	92.1	3.2	0.8
466	4/24/2016 06:31:05	15.83	47.40	30.89	7.58	8.05	16.1	1.879	92.3	3.0	0.7
467	4/24/2016 06:46:05	15.80	47.39	30.88	7.58	8.05	18.1	1.780	92.3	3.4	0.8
468	4/24/2016 07:01:06	16.04	47.31	30.83	7.51	8.05	19.5	1.668	91.8	3.8	0.9
469	4/24/2016 07:16:05	15.87	47.36	30.86	7.52	8.05	18.6	1.567	91.7	3.3	0.8
470	4/24/2016 07:31:05	16.03	47.29	30.81	7.54	8.05	17.9	1.501	92.1	3.6	0.8
471	4/24/2016 07:46:05	16.13	47.19	30.73	7.47	8.04	19.7	1.457	91.5	2.3	0.6
472	4/24/2016 08:01:05	16.16	47.11	30.68	7.41	8.03	14.3	1.461	90.8	3.0	0.7
473	4/24/2016 08:16:06	16.18	46.96	30.57	7.19	8.01	14.9	1.448	88.1	2.7	0.6
474	4/24/2016 08:31:05	16.24	46.86	30.50	7.30	8.01	16.1	1.502	89.4	2.9	0.7
475	4/24/2016 08:46:06	16.22	46.73	30.41	7.24	7.99	16.5	1.550	88.7	2.9	0.7
476	4/24/2016 09:01:06	16.30	46.82	30.47	7.16	8.00	17.7	1.630	87.9	3.0	0.7
477	4/24/2016 09:16:05	16.26	46.69	30.38	7.18	7.99	15.6	1.707	88.0	3.2	0.8
478	4/24/2016 09:31:05	16.23	46.01	29.88	7.25	7.99	12.6	1.779	88.5	3.1	0.7
479	4/24/2016 09:46:06	16.26	45.88	29.79	7.26	8.00	13.3	1.862	88.6	3.3	0.8
480	4/24/2016 10:01:06	16.27	46.31	30.10	7.18	8.00	12.8	1.943	87.8	2.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
481	4/24/2016 10:16:06	16.28	46.55	30.28	7.14	8.00	13.2	2.032	87.4	2.8	0.7
482	4/24/2016 10:31:06	16.24	46.41	30.18	7.22	8.01	12.5	2.122	88.3	3.0	0.7
483	4/24/2016 10:46:06	16.14	46.48	30.22	7.39	8.03	10.2	2.202	90.3	2.5	0.6
484	4/24/2016 11:01:06	16.06	46.81	30.46	7.47	8.05	8.3	2.289	91.2	2.5	0.6
485	4/24/2016 11:16:05	16.01	47.14	30.70	7.58	8.06	7.3	2.380	92.6	1.8	0.4
486	4/24/2016 11:31:06	15.94	47.45	30.93	7.68	8.08	7.5	2.475	93.8	2.7	0.6
487	4/24/2016 11:46:06	15.89	47.52	30.97	7.73	8.09	7.6	2.557	94.3	2.7	0.6
488	4/24/2016 12:01:06	15.85	47.57	31.01	7.81	8.09	7.6	2.643	95.3	2.6	0.6
489	4/24/2016 12:16:06	15.74	47.65	31.06	7.82	8.10	8.0	2.726	95.2	2.4	0.6
490	4/24/2016 12:31:05	15.64	47.74	31.13	7.94	8.10	8.1	2.810	96.5	3.8	0.9
491	4/24/2016 12:46:06	15.58	47.79	31.16	8.01	8.11	8.0	2.892	97.3	3.6	0.8
492	4/24/2016 13:01:06	15.46	47.75	31.13	8.05	8.12	8.8	2.967	97.6	3.9	0.9
493	4/24/2016 13:16:06	15.29	47.78	31.15	8.22	8.13	9.4	3.032	99.3	4.4	1.1
494	4/24/2016 13:31:06	15.13	47.90	31.24	8.29	8.14	10.0	3.100	99.8	3.5	0.8
495	4/24/2016 13:46:05	14.97	48.10	31.37	8.32	8.15	9.2	3.165	99.9	4.2	1.0
496	4/24/2016 14:01:05	14.77	48.26	31.49	8.50	8.17	7.2	3.228	101.8	4.5	1.1
497	4/24/2016 14:16:06	14.59	48.36	31.56	8.55	8.18	6.5	3.289	102.0	4.2	1.0
498	4/24/2016 14:31:05	14.44	48.44	31.61	8.59	8.19	5.8	3.316	102.2	5.0	1.2
499	4/24/2016 14:46:06	14.39	48.47	31.63	8.62	8.19	5.3	3.335	102.6	6.2	1.5
500	4/24/2016 15:01:06	14.39	48.48	31.64	8.39	8.18	3.4	3.352	99.8	3.7	0.9
501	4/24/2016 15:16:06	14.44	48.47	31.63	8.64	8.19	4.2	3.339	102.9	4.1	1.0
502	4/24/2016 15:31:06	14.53	48.42	31.60	8.56	8.19	5.2	3.304	102.1	3.6	0.9
503	4/24/2016 15:46:05	15.12	48.27	31.50	8.51	8.18	13.1	3.255	102.6	4.0	0.9
504	4/24/2016 16:01:05	15.11	48.33	31.55	8.68	8.19	14.0	3.197	104.6	4.3	1.0
505	4/24/2016 16:16:06	15.05	48.36	31.57	8.73	8.20	15.0	3.120	105.1	5.4	1.3
506	4/24/2016 16:31:05	15.01	48.39	31.59	8.71	8.20	15.3	3.035	104.8	4.6	1.1
507	4/24/2016 16:46:05	15.18	48.27	31.51	8.66	8.19	15.6	2.968	104.5	4.9	1.2
508	4/24/2016 17:01:06	15.38	48.14	31.42	8.62	8.18	16.7	2.890	104.4	4.8	1.1
509	4/24/2016 17:16:06	15.82	47.80	31.18	8.38	8.15	23.5	2.828	102.3	4.5	1.1
510	4/24/2016 17:31:05	15.94	47.70	31.10	8.30	8.14	27.6	2.745	101.5	5.5	1.3
511	4/24/2016 17:46:05	16.04	47.60	31.03	8.17	8.13	34.7	2.677	100.1	5.3	1.3
512	4/24/2016 18:01:05	16.15	47.42	30.91	8.09	8.11	36.5	2.601	99.2	5.7	1.3
513	4/24/2016 18:16:06	15.99	47.48	30.94	8.17	8.13	26.3	2.532	100.0	4.9	1.2
514	4/24/2016 18:31:05	16.02	47.41	30.89	8.08	8.10	26.4	2.463	98.8	5.9	1.4
515	4/24/2016 18:46:05	16.28	47.13	30.70	7.83	8.07	33.7	2.401	96.1	5.3	1.3
516	4/24/2016 19:01:05	16.24	47.19	30.74	7.89	8.07	35.2	2.366	96.8	5.4	1.3
517	4/24/2016 19:16:06	16.05	47.28	30.80	7.97	8.09	31.3	2.323	97.5	5.3	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	4/24/2016 19:31:05	16.05	47.26	30.79	7.88	8.08	30.5	2.263	96.4	4.7	1.1
519	4/24/2016 19:46:05	16.16	47.17	30.73	7.77	8.07	28.3	2.248	95.2	4.9	1.2
520	4/24/2016 20:01:05	16.19	47.13	30.70	7.77	8.06	25.2	2.245	95.2	4.9	1.2
521	4/24/2016 20:16:06	16.30	47.06	30.64	7.39	8.03	18.0	2.236	90.7	4.3	1.0
522	4/24/2016 20:31:06	16.29	47.04	30.63	7.67	8.05	23.0	2.284	94.2	5.2	1.2
523	4/24/2016 20:46:05	16.28	47.06	30.65	7.68	8.05	19.8	2.317	94.3	4.9	1.2
524	4/24/2016 21:01:06	16.37	46.91	30.54	7.67	8.03	23.4	2.365	94.3	4.6	1.1
525	4/24/2016 21:16:05	16.39	46.91	30.54	7.63	8.03	23.4	2.425	93.7	4.8	1.1
526	4/24/2016 21:31:05	16.38	46.90	30.53	7.64	8.03	21.0	2.485	93.9	4.8	1.1
527	4/24/2016 21:46:05	16.38	46.74	30.42	7.68	8.03	19.2	2.549	94.3	4.5	1.1
528	4/24/2016 22:01:05	16.37	46.76	30.43	7.65	8.04	19.8	2.629	93.9	5.1	1.2
529	4/24/2016 22:16:05	16.34	46.88	30.52	7.73	8.05	24.0	2.702	94.9	4.9	1.2
530	4/24/2016 22:31:05	16.09	47.25	30.78	7.89	8.09	17.8	2.765	96.6	4.9	1.2
531	4/24/2016 22:46:06	15.95	47.40	30.89	7.91	8.10	15.4	2.838	96.6	4.6	1.1
532	4/24/2016 23:01:06	15.67	47.66	31.07	8.10	8.13	15.7	2.910	98.5	4.6	1.1
533	4/24/2016 23:16:06	15.38	47.85	31.20	8.22	8.14	17.7	2.977	99.4	4.7	1.1
534	4/24/2016 23:31:06	15.24	47.97	31.29	8.34	8.15	13.7	3.052	100.7	4.6	1.1
535	4/24/2016 23:46:06	15.10	48.03	31.33	8.32	8.16	11.4	3.137	100.1	4.5	1.1
536	4/25/2016 00:01:06	14.98	48.13	31.40	8.42	8.17	13.0	3.215	101.1	5.2	1.2
537	4/25/2016 00:16:06	14.76	48.24	31.47	8.47	8.18	14.9	3.287	101.4	4.8	1.1
538	4/25/2016 00:31:05	14.69	48.28	31.50	8.54	8.18	12.8	3.365	102.1	4.5	1.1
539	4/25/2016 00:46:05	14.42	48.36	31.55	8.66	8.19	13.7	3.431	103.0	4.5	1.1
540	4/25/2016 01:01:06	14.20	48.44	31.61	8.74	8.20	9.8	3.485	103.5	5.1	1.2
541	4/25/2016 01:16:05	14.09	48.50	31.65	8.65	8.20	8.9	3.550	102.3	5.2	1.2
542	4/25/2016 01:31:05	13.99	48.56	31.69	8.69	8.21	7.0	3.600	102.5	4.2	1.0
543	4/25/2016 01:46:06	13.93	48.60	31.72	8.69	8.21	7.8	3.617	102.5	3.7	0.9
544	4/25/2016 02:01:05	13.89	48.65	31.75	8.48	8.20	5.4	3.645	99.8	5.4	1.3
545	4/25/2016 02:16:05	14.04	48.50	31.64	8.46	8.19	7.0	3.635	99.9	3.8	0.9
546	4/25/2016 02:31:06	13.97	48.59	31.71	8.49	8.19	7.8	3.613	100.2	3.3	0.8
547	4/25/2016 02:46:05	14.03	48.43	31.60	8.46	8.19	13.0	3.578	99.9	4.7	1.1
548	4/25/2016 03:01:06	13.98	48.50	31.64	8.51	8.19	10.1	3.534	100.3	4.8	1.1
549	4/25/2016 03:16:06	13.88	48.59	31.71	8.57	8.20	8.8	3.468	100.9	5.1	1.2
550	4/25/2016 03:31:06	14.01	48.54	31.67	8.59	8.19	7.6	3.380	101.4	3.9	0.9
551	4/25/2016 03:46:05	14.01	48.51	31.65	8.55	8.19	7.5	3.286	100.9	4.9	1.2
552	4/25/2016 04:01:06	14.21	48.35	31.54	8.46	8.18	8.9	3.195	100.2	3.6	0.9
553	4/25/2016 04:16:05	14.59	48.08	31.35	8.19	8.15	10.8	3.115	97.6	3.9	0.9
554	4/25/2016 04:31:06	14.75	47.95	31.26	8.11	8.14	12.3	3.001	96.9	3.2	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	Fluorescence %FS
555	4/25/2016 04:46:06	14.87	47.82	31.17	7.96	8.12	14.6	2.916	95.3	3.7	0.9
556	4/25/2016 05:01:06	14.95	47.73	31.10	7.96	8.11	17.0	2.802	95.4	3.9	0.9
557	4/25/2016 05:16:05	14.99	47.65	31.05	7.89	8.10	17.7	2.681	94.6	3.7	0.9
558	4/25/2016 05:31:05	14.84	47.71	31.09	7.87	8.10	15.2	2.574	94.1	3.0	0.7
559	4/25/2016 05:46:05	14.91	47.61	31.02	7.80	8.09	19.2	2.470	93.4	3.9	0.9
560	4/25/2016 06:01:06	14.92	47.54	30.97	7.70	8.08	23.8	2.328	92.2	4.2	1.0
561	4/25/2016 06:16:05	14.68	47.60	31.01	7.76	8.08	19.5	2.224	92.5	3.9	0.9
562	4/25/2016 06:31:05	14.69	47.49	30.93	7.67	8.07	22.7	2.099	91.3	3.9	0.9
563	4/25/2016 06:46:06	14.84	47.33	30.81	7.66	8.06	21.5	1.967	91.4	3.3	0.8
564	4/25/2016 07:01:06	14.77	47.25	30.76	7.56	8.05	22.2	1.845	90.2	3.3	0.8
565	4/25/2016 07:16:06	14.87	47.14	30.68	7.57	8.04	23.1	1.744	90.4	4.0	1.0
566	4/25/2016 07:31:06	14.90	47.07	30.63	7.51	8.04	20.4	1.625	89.7	3.4	0.8
567	4/25/2016 07:46:06	15.05	46.98	30.56	7.46	8.04	20.2	1.535	89.3	3.0	0.7
568	4/25/2016 08:01:06	15.10	46.97	30.56	7.51	8.04	19.1	1.475	90.0	3.4	0.8
569	4/25/2016 08:16:06	15.07	46.91	30.52	7.44	8.03	17.5	1.431	89.1	3.3	0.8
570	4/25/2016 08:31:06	15.00	46.81	30.44	7.42	8.03	17.7	1.402	88.6	3.1	0.7
571	4/25/2016 08:46:05	14.95	46.73	30.38	7.24	8.01	14.1	1.389	86.4	1.7	0.4
572	4/25/2016 09:01:06	15.03	46.85	30.47	7.47	8.03	15.1	1.416	89.4	3.6	0.9
573	4/25/2016 09:16:06	15.07	46.88	30.49	7.50	8.03	16.5	1.479	89.8	3.8	0.9
574	4/25/2016 09:31:05	15.06	46.79	30.43	7.43	8.02	17.5	1.514	88.9	3.5	0.8
575	4/25/2016 09:46:05	15.10	46.80	30.43	7.47	8.02	17.8	1.581	89.5	3.0	0.7
576	4/25/2016 10:01:06	15.02	46.38	30.13	7.56	8.02	18.5	1.659	90.3	3.6	0.9
577	4/25/2016 10:16:05	14.96	46.28	30.06	7.52	8.01	18.4	1.726	89.6	3.7	0.9
578	4/25/2016 10:31:05	15.00	46.33	30.10	7.47	8.01	19.1	1.799	89.1	3.5	0.8
579	4/25/2016 10:46:06	15.02	46.35	30.11	7.44	8.01	19.2	1.890	88.8	3.4	0.8
580	4/25/2016 11:01:05	15.05	46.47	30.20	7.42	8.01	16.9	1.965	88.6	3.3	0.8
581	4/25/2016 11:16:05	15.07	46.59	30.28	7.41	8.02	17.3	2.042	88.6	2.5	0.6
582	4/25/2016 11:31:06	15.02	46.82	30.45	7.60	8.05	14.2	2.127	90.9	3.1	0.7
583	4/25/2016 11:46:06	15.02	47.03	30.60	7.68	8.07	12.2	2.213	91.9	2.9	0.7
584	4/25/2016 12:01:06	15.00	47.00	30.58	7.76	8.08	10.5	2.304	92.8	3.4	0.8
585	4/25/2016 12:16:06	14.95	47.11	30.66	7.80	8.09	11.1	2.388	93.3	3.0	0.7
586	4/25/2016 12:31:06	14.96	46.93	30.53	7.77	8.09	10.8	2.467	92.9	2.8	0.7
587	4/25/2016 12:46:06	15.03	46.86	30.48	7.83	8.09	10.4	2.559	93.6	3.7	0.9
588	4/25/2016 13:01:06	15.04	47.13	30.67	7.93	8.10	9.9	2.634	95.0	3.5	0.8
589	4/25/2016 13:16:05	14.96	47.41	30.88	7.91	8.10	11.8	2.714	94.7	3.0	0.7
590	4/25/2016 13:31:06	14.98	47.53	30.97	7.99	8.11	11.6	2.785	95.8	2.6	0.6
591	4/25/2016 13:46:06	14.96	47.64	31.04	8.04	8.12	11.1	2.855	96.4	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
592	4/25/2016 14:01:05	14.94	47.69	31.08	8.05	8.12	10.6	2.918	96.5	3.3	0.8
593	4/25/2016 14:16:05	14.89	47.68	31.07	8.14	8.13	8.4	2.977	97.5	3.4	0.8
594	4/25/2016 14:31:06	14.80	47.69	31.07	8.14	8.14	9.0	3.031	97.3	3.9	0.9
595	4/25/2016 14:46:06	14.73	47.72	31.10	8.16	8.14	7.5	3.086	97.3	3.6	0.9
596	4/25/2016 15:01:05	14.65	47.77	31.13	8.22	8.14	6.7	3.116	97.9	2.9	0.7
597	4/25/2016 15:16:05	14.44	47.93	31.24	8.26	8.15	7.9	3.152	98.1	3.4	0.8
598	4/25/2016 15:31:06	14.42	47.96	31.26	8.12	8.15	5.8	3.169	96.3	5.1	1.2
599	4/25/2016 15:46:06	14.51	47.92	31.24	8.02	8.15	5.7	3.175	95.4	3.7	0.9
600	4/25/2016 16:01:06	14.75	47.84	31.18	8.17	8.15	8.9	3.150	97.6	3.5	0.8
601	4/25/2016 16:16:05	15.06	47.81	31.17	8.47	8.16	17.2	3.127	101.9	4.2	1.0
602	4/25/2016 16:31:06	14.88	47.92	31.24	8.50	8.17	21.0	3.086	101.9	3.9	0.9
603	4/25/2016 16:46:05	14.76	48.01	31.31	8.49	8.17	22.3	3.021	101.5	4.7	1.1
604	4/25/2016 17:01:06	14.67	48.05	31.33	8.48	8.18	26.3	2.962	101.2	4.9	1.2
605	4/25/2016 17:16:06	14.73	48.03	31.32	8.45	8.17	27.1	2.916	101.0	4.6	1.1
606	4/25/2016 17:31:06	14.92	47.88	31.22	8.37	8.16	32.3	2.828	100.4	4.6	1.1
607	4/25/2016 17:46:06	14.95	47.82	31.18	8.40	8.16	34.0	2.774	100.8	5.2	1.2
608	4/25/2016 18:01:06	15.02	47.75	31.12	8.31	8.15	33.3	2.698	99.8	5.1	1.2
609	4/25/2016 18:16:06	15.11	47.62	31.03	8.31	8.14	40.2	2.628	99.9	6.5	1.5
610	4/25/2016 18:31:06	15.20	47.45	30.91	8.27	8.13	37.7	2.580	99.5	5.3	1.2
611	4/25/2016 18:46:05	15.32	47.20	30.73	8.11	8.10	43.7	2.516	97.7	5.8	1.4
612	4/25/2016 19:01:05	15.23	47.35	30.84	8.24	8.11	34.8	2.464	99.2	5.2	1.2
613	4/25/2016 19:16:05	15.42	47.08	30.65	8.06	8.08	39.7	2.401	97.3	4.8	1.1
614	4/25/2016 19:31:05	15.31	47.20	30.73	8.08	8.10	34.9	2.346	97.4	4.8	1.1
615	4/25/2016 19:46:06	15.35	47.14	30.69	8.11	8.09	34.3	2.306	97.7	5.1	1.2
616	4/25/2016 20:01:05	15.49	46.98	30.57	7.98	8.06	38.5	2.282	96.4	5.2	1.2
617	4/25/2016 20:16:05	15.36	47.06	30.63	8.02	8.07	36.9	2.242	96.7	4.9	1.2
618	4/25/2016 20:31:05	15.44	46.97	30.57	7.89	8.06	33.9	2.234	95.2	4.7	1.1
619	4/25/2016 20:46:05	15.57	46.86	30.49	7.65	8.04	28.3	2.261	92.5	5.3	1.3
620	4/25/2016 21:01:05	15.58	46.85	30.48	7.75	8.04	28.0	2.260	93.7	5.1	1.2
621	4/25/2016 21:16:05	15.54	46.86	30.49	7.84	8.04	29.6	2.307	94.8	4.9	1.2
622	4/25/2016 21:31:06	15.56	46.83	30.47	7.88	8.04	28.6	2.352	95.3	4.7	1.1
623	4/25/2016 21:46:06	15.60	46.81	30.45	7.81	8.04	30.5	2.378	94.5	4.6	1.1
624	4/25/2016 22:01:06	15.58	46.83	30.47	7.85	8.04	29.6	2.442	94.9	5.0	1.2
625	4/25/2016 22:16:06	15.56	46.67	30.35	7.81	8.04	27.0	2.504	94.3	5.1	1.2
626	4/25/2016 22:31:06	15.55	46.67	30.35	7.81	8.04	25.0	2.548	94.3	4.5	1.1
627	4/25/2016 22:46:05	15.53	46.75	30.41	7.80	8.05	31.6	2.636	94.2	5.1	1.2
628	4/25/2016 23:01:06	15.28	47.15	30.69	7.96	8.09	22.6	2.695	95.9	4.6	1.1

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
629	4/25/2016 23:16:05	15.22	47.17	30.71	8.00	8.09	18.6	2.766	96.2	4.8	1.1
630	4/25/2016 23:31:06	15.00	47.41	30.88	8.13	8.11	16.5	2.833	97.4	4.5	1.1
631	4/25/2016 23:46:06	14.76	47.69	31.07	8.15	8.13	13.6	2.903	97.3	4.2	1.0
632	4/26/2016 00:01:06	14.59	47.90	31.23	8.17	8.14	10.9	2.962	97.4	4.2	1.0
633	4/26/2016 00:16:06	14.38	48.14	31.39	8.27	8.15	11.7	3.009	98.1	3.9	0.9
634	4/26/2016 00:31:05	14.13	48.38	31.56	8.21	8.15	9.3	3.096	97.1	4.1	1.0
635	4/26/2016 00:46:05	13.99	48.49	31.64	8.27	8.16	9.7	3.172	97.6	3.7	0.9
636	4/26/2016 01:01:05	13.91	48.58	31.69	8.24	8.16	10.4	3.238	97.1	3.7	0.9
637	4/26/2016 01:16:05	13.78	48.66	31.75	8.25	8.16	13.7	3.289	96.9	4.1	1.0
638	4/26/2016 01:31:05	13.64	48.76	31.82	8.28	8.16	11.1	3.347	97.1	4.4	1.0
639	4/26/2016 01:46:06	13.53	48.83	31.87	8.23	8.16	9.2	3.407	96.3	3.8	0.9
640	4/26/2016 02:01:05	13.51	48.80	31.84	8.19	8.16	7.7	3.451	95.8	3.9	0.9
641	4/26/2016 02:16:05	13.40	48.85	31.88	8.19	8.16	7.1	3.470	95.6	2.7	0.6
642	4/26/2016 02:31:05	13.38	48.88	31.90	8.18	8.15	6.1	3.502	95.5	3.3	0.8
643	4/26/2016 02:46:05	13.40	48.86	31.89	7.91	8.13	5.7	3.512	92.3	3.4	0.8
644	4/26/2016 03:01:05	13.43	48.85	31.88	8.08	8.14	6.1	3.492	94.4	3.6	0.8
645	4/26/2016 03:16:05	13.39	48.87	31.89	8.16	8.15	9.2	3.463	95.2	3.3	0.8
646	4/26/2016 03:31:05	14.02	48.06	31.32	8.10	8.13	10.4	3.407	95.5	3.2	0.8
647	4/26/2016 03:46:06	14.16	48.01	31.29	8.07	8.13	10.4	3.345	95.3	2.7	0.6
648	4/26/2016 04:01:06	14.19	48.01	31.30	8.02	8.13	11.3	3.262	94.8	3.3	0.8
649	4/26/2016 04:16:05	13.99	48.22	31.44	8.14	8.13	9.8	3.184	96.0	3.5	0.8
650	4/26/2016 04:31:05	14.21	47.93	31.24	8.04	8.12	11.9	3.110	95.1	2.5	0.6
651	4/26/2016 04:46:05	14.31	47.84	31.17	7.97	8.11	12.3	3.005	94.4	3.1	0.7
652	4/26/2016 05:01:05	14.39	47.70	31.07	7.94	8.10	14.4	2.905	94.1	2.7	0.6
653	4/26/2016 05:16:05	14.48	47.58	30.98	7.88	8.10	14.7	2.822	93.5	3.5	0.8
654	4/26/2016 05:31:06	14.43	47.60	31.00	7.85	8.09	12.0	2.726	93.1	2.8	0.7
655	4/26/2016 05:46:05	14.59	47.39	30.85	7.77	8.08	16.2	2.613	92.3	3.5	0.8
656	4/26/2016 06:01:06	14.64	47.33	30.81	7.74	8.08	18.0	2.524	92.0	3.6	0.8
657	4/26/2016 06:16:05	14.67	47.28	30.78	7.72	8.07	22.9	2.406	91.8	3.2	0.8
658	4/26/2016 06:31:06	14.48	47.41	30.87	7.71	8.07	22.2	2.289	91.4	3.7	0.9
659	4/26/2016 06:46:06	14.49	47.34	30.81	7.68	8.06	23.5	2.155	91.1	3.2	0.8
660	4/26/2016 07:01:06	14.52	47.23	30.74	7.65	8.06	22.8	2.054	90.7	3.1	0.7
661	4/26/2016 07:16:05	14.57	47.09	30.63	7.60	8.05	21.9	1.946	90.1	3.4	0.8
662	4/26/2016 07:31:06	14.60	46.94	30.53	7.56	8.04	22.8	1.813	89.7	3.0	0.7
663	4/26/2016 07:46:06	14.61	46.88	30.48	7.56	8.03	21.6	1.719	89.7	3.3	0.8
664	4/26/2016 08:01:05	14.63	46.81	30.43	7.56	8.03	22.0	1.623	89.6	2.8	0.7
665	4/26/2016 08:16:06	14.67	46.76	30.40	7.55	8.03	20.9	1.528	89.6	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
666	4/26/2016 08:31:05	14.70	46.69	30.35	7.51	8.03	19.4	1.480	89.1	3.3	0.8
667	4/26/2016 08:46:06	14.70	46.63	30.31	7.51	8.02	19.5	1.429	89.2	2.9	0.7
668	4/26/2016 09:01:06	14.71	46.64	30.31	7.44	8.02	15.9	1.390	88.3	3.2	0.8
669	4/26/2016 09:16:05	14.70	46.65	30.32	7.35	8.02	18.5	1.377	87.2	2.7	0.7
670	4/26/2016 09:31:05	14.72	46.70	30.36	7.56	8.03	20.9	1.389	89.7	3.7	0.9
671	4/26/2016 09:46:06	14.76	46.73	30.38	7.53	8.03	17.4	1.432	89.5	3.4	0.8
672	4/26/2016 10:01:06	14.77	46.72	30.37	7.52	8.03	16.9	1.473	89.4	3.3	0.8
673	4/26/2016 10:16:06	14.91	46.59	30.28	7.55	8.03	17.7	1.547	90.0	3.4	0.8
674	4/26/2016 10:31:06	14.90	46.30	30.07	7.54	8.03	18.3	1.593	89.7	3.6	0.9
675	4/26/2016 10:46:06	14.86	46.18	29.99	7.56	8.02	19.4	1.666	89.9	3.6	0.8
676	4/26/2016 11:01:06	14.83	46.01	29.86	7.54	8.02	19.8	1.732	89.5	4.0	0.9
677	4/26/2016 11:16:06	14.80	46.03	29.88	7.46	8.02	17.5	1.802	88.5	3.2	0.8
678	4/26/2016 11:31:06	14.81	46.17	29.97	7.45	8.02	16.6	1.881	88.5	2.7	0.6
679	4/26/2016 11:46:06	14.80	46.47	30.20	7.47	8.02	17.2	1.944	88.7	2.6	0.6
680	4/26/2016 12:01:05	14.71	46.62	30.30	7.56	8.04	15.1	2.015	89.8	2.6	0.6
681	4/26/2016 12:16:06	14.67	46.64	30.31	7.66	8.05	14.8	2.104	90.9	2.6	0.6
682	4/26/2016 12:31:06	14.62	46.96	30.55	7.67	8.07	13.0	2.186	91.0	2.6	0.6
683	4/26/2016 12:46:06	14.57	47.34	30.82	7.78	8.09	10.9	2.261	92.4	2.5	0.6
684	4/26/2016 13:01:06	14.55	47.46	30.90	7.74	8.09	10.3	2.333	91.9	2.7	0.7
685	4/26/2016 13:16:06	14.58	47.41	30.87	7.79	8.09	9.8	2.419	92.5	2.9	0.7
686	4/26/2016 13:31:06	14.55	47.53	30.96	7.81	8.10	11.0	2.506	92.8	3.0	0.7
687	4/26/2016 13:46:06	14.54	47.63	31.02	7.83	8.10	12.5	2.576	93.1	3.2	0.8
688	4/26/2016 14:01:06	14.54	47.69	31.07	7.91	8.11	11.6	2.642	94.0	2.6	0.6
689	4/26/2016 14:16:05	14.51	47.75	31.11	7.87	8.11	10.6	2.711	93.5	3.3	0.8
690	4/26/2016 14:31:06	14.46	47.77	31.12	7.90	8.11	10.9	2.791	93.7	3.3	0.8
691	4/26/2016 14:46:05	14.36	47.81	31.15	7.96	8.12	12.7	2.846	94.4	3.0	0.7
692	4/26/2016 15:01:05	14.32	47.85	31.18	8.09	8.12	12.8	2.905	95.8	2.8	0.7
693	4/26/2016 15:16:06	14.30	47.85	31.18	8.08	8.13	10.9	2.965	95.6	3.4	0.8
694	4/26/2016 15:31:05	14.16	47.96	31.26	8.07	8.13	10.6	3.008	95.3	3.4	0.8
695	4/26/2016 15:46:06	14.01	48.12	31.37	8.07	8.12	9.4	3.047	95.1	2.7	0.6
696	4/26/2016 16:01:05	13.85	48.28	31.48	8.01	8.12	8.0	3.070	94.1	3.5	0.8
697	4/26/2016 16:16:06	14.18	48.14	31.39	8.15	8.13	5.3	3.085	96.4	3.3	0.8
698	4/26/2016 16:31:06	13.93	48.28	31.48	7.87	8.11	4.4	3.091	92.6	2.5	0.6
699	4/26/2016 16:46:06	13.98	48.21	31.43	7.97	8.11	6.5	3.073	93.8	2.4	0.6
700	4/26/2016 17:01:06	14.06	48.12	31.37	7.94	8.12	7.4	3.040	93.6	2.5	0.6
701	4/26/2016 17:16:06	14.19	47.99	31.27	7.98	8.12	8.1	2.999	94.4	2.5	0.6
702	4/26/2016 17:31:06	14.64	47.78	31.14	8.12	8.13	10.3	2.954	96.8	3.1	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
703	4/26/2016 17:46:05	15.24	47.67	31.07	8.19	8.13	7.9	2.904	98.7	2.9	0.7
704	4/26/2016 18:01:06	15.09	47.71	31.10	8.21	8.14	8.1	2.828	98.7	2.5	0.6
705	4/26/2016 18:16:06	15.13	47.67	31.07	8.29	8.14	8.4	2.768	99.7	4.0	1.0
706	4/26/2016 18:31:06	15.22	47.63	31.04	8.32	8.14	7.2	2.709	100.2	3.2	0.8
707	4/26/2016 18:46:06	15.35	47.61	31.03	8.46	8.15	6.8	2.651	102.2	3.2	0.7
708	4/26/2016 19:01:05	15.55	47.52	30.97	8.56	8.16	7.0	2.588	103.7	3.2	0.8
709	4/26/2016 19:16:06	15.60	47.48	30.94	8.58	8.16	7.6	2.520	104.1	3.9	0.9
710	4/26/2016 19:31:06	15.62	47.24	30.76	8.48	8.15	8.3	2.472	102.8	3.4	0.8
711	4/26/2016 19:46:06	15.58	46.92	30.53	8.35	8.13	8.8	2.429	101.0	3.1	0.7
712	4/26/2016 20:01:06	15.59	46.97	30.57	8.27	8.13	9.1	2.377	100.1	3.5	0.8
713	4/26/2016 20:16:06	15.59	46.75	30.41	8.10	8.11	7.8	2.339	98.0	3.4	0.8
714	4/26/2016 20:31:06	15.59	46.73	30.39	8.16	8.11	9.3	2.309	98.6	3.5	0.8
715	4/26/2016 20:46:06	15.59	46.73	30.40	7.82	8.09	6.3	2.298	94.5	2.8	0.7
716	4/26/2016 21:01:05	15.54	46.80	30.45	8.04	8.11	7.1	2.286	97.2	4.4	1.0
717	4/26/2016 21:16:05	15.55	46.67	30.35	8.12	8.10	9.3	2.279	98.1	3.8	0.9
718	4/26/2016 21:31:06	15.54	46.56	30.27	8.15	8.10	6.8	2.305	98.4	3.1	0.7
719	4/26/2016 21:46:06	15.54	46.88	30.51	8.21	8.11	8.8	2.337	99.3	3.6	0.9
720	4/26/2016 22:01:06	15.56	47.06	30.64	8.21	8.12	8.9	2.367	99.4	3.7	0.9
721	4/26/2016 22:16:06	15.49	47.16	30.71	8.22	8.12	8.8	2.409	99.4	3.8	0.9
722	4/26/2016 22:31:06	15.64	46.65	30.34	8.22	8.11	8.5	2.467	99.4	3.5	0.8
723	4/26/2016 22:46:06	15.40	47.18	30.72	8.13	8.12	7.2	2.514	98.1	2.9	0.7
724	4/26/2016 23:01:06	15.33	47.26	30.78	8.10	8.12	8.2	2.567	97.7	3.7	0.9
725	4/26/2016 23:16:06	15.01	47.55	30.98	8.13	8.12	8.4	2.626	97.5	3.3	0.8
726	4/26/2016 23:31:06	14.98	47.48	30.93	8.10	8.12	8.7	2.680	97.0	2.9	0.7
727	4/26/2016 23:46:06	14.95	47.49	30.93	8.12	8.12	6.8	2.736	97.2	3.7	0.9
728	4/27/2016 00:01:06	14.66	47.81	31.16	8.16	8.12	6.3	2.795	97.3	3.4	0.8
729	4/27/2016 00:16:05	14.57	47.79	31.14	8.13	8.12	6.1	2.843	96.8	2.7	0.6
730	4/27/2016 00:31:06	14.50	47.87	31.20	8.19	8.12	6.4	2.910	97.4	2.8	0.7
731	4/27/2016 00:46:05	14.30	48.09	31.36	8.16	8.12	5.9	2.975	96.7	3.3	0.8
732	4/27/2016 01:01:05	14.14	48.22	31.44	8.16	8.12	5.0	3.025	96.5	2.8	0.7
733	4/27/2016 01:16:06	13.84	48.22	31.44	8.17	8.12	5.3	3.096	95.9	3.2	0.8
734	4/27/2016 01:31:05	13.66	48.33	31.51	8.18	8.12	4.9	3.147	95.7	3.2	0.8
735	4/27/2016 01:46:05	13.53	48.51	31.64	8.24	8.12	4.7	3.207	96.3	2.3	0.5
736	4/27/2016 02:01:05	13.40	48.85	31.88	8.19	8.11	4.8	3.262	95.6	3.0	0.7
737	4/27/2016 02:16:05	13.24	49.06	32.03	8.16	8.11	6.1	3.306	95.0	2.3	0.5
738	4/27/2016 02:31:05	12.92	49.36	32.23	8.11	8.10	5.5	3.346	93.9	3.4	0.8
739	4/27/2016 02:46:05	12.81	49.46	32.30	8.08	8.10	5.6	3.386	93.4	2.6	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
740	4/27/2016 03:01:05	12.76	49.51	32.34	8.05	8.09	4.6	3.404	93.0	2.4	0.6
741	4/27/2016 03:16:05	12.74	49.53	32.34	8.08	8.09	5.9	3.424	93.3	2.9	0.7
742	4/27/2016 03:31:05	12.81	49.49	32.32	7.97	8.09	4.3	3.423	92.1	1.8	0.4
743	4/27/2016 03:46:05	12.76	49.54	32.35	7.98	8.08	4.5	3.408	92.2	1.8	0.4
744	4/27/2016 04:01:05	13.16	49.12	32.06	7.97	8.09	5.0	3.392	92.7	3.0	0.7
745	4/27/2016 04:16:05	12.90	49.40	32.26	7.98	8.09	5.5	3.343	92.4	1.8	0.4
746	4/27/2016 04:31:05	13.18	49.08	32.03	7.97	8.09	6.4	3.281	92.7	1.7	0.4
747	4/27/2016 04:46:05	13.36	48.91	31.92	7.89	8.09	6.7	3.230	92.0	2.5	0.6
748	4/27/2016 05:01:05	13.72	48.44	31.59	8.06	8.10	10.6	3.152	94.6	2.8	0.7
749	4/27/2016 05:16:05	14.09	48.03	31.31	7.97	8.10	9.4	3.058	94.0	2.1	0.5
750	4/27/2016 05:31:05	14.20	47.88	31.20	7.93	8.09	9.3	2.960	93.7	2.9	0.7
751	4/27/2016 05:46:06	14.33	47.69	31.06	7.80	8.09	9.1	2.868	92.3	2.5	0.6
752	4/27/2016 06:01:05	14.39	47.60	31.00	7.75	8.08	9.9	2.771	91.8	2.4	0.6
753	4/27/2016 06:16:06	14.39	47.57	30.98	7.78	8.08	9.8	2.680	92.2	2.4	0.6
754	4/27/2016 06:31:05	14.52	47.49	30.93	7.74	8.08	10.8	2.571	91.9	2.4	0.6
755	4/27/2016 06:46:05	14.64	47.35	30.82	7.78	8.07	9.5	2.473	92.5	2.7	0.6
756	4/27/2016 07:01:05	14.77	47.16	30.69	7.74	8.07	11.5	2.391	92.3	2.1	0.5
757	4/27/2016 07:16:06	14.87	47.00	30.57	7.73	8.06	12.3	2.259	92.2	2.6	0.6
758	4/27/2016 07:31:06	14.86	47.02	30.59	7.65	8.06	13.3	2.156	91.3	2.4	0.6
759	4/27/2016 07:46:06	14.93	46.92	30.52	7.60	8.05	13.7	2.052	90.8	2.5	0.6
760	4/27/2016 08:01:05	15.03	46.86	30.48	7.56	8.05	14.4	1.955	90.5	2.6	0.6
761	4/27/2016 08:16:05	14.97	46.95	30.54	7.55	8.05	14.5	1.850	90.2	3.2	0.8
762	4/27/2016 08:31:06	15.05	46.93	30.53	7.59	8.05	14.4	1.760	90.9	2.7	0.6
763	4/27/2016 08:46:06	15.12	46.90	30.51	7.55	8.05	14.2	1.676	90.4	2.2	0.5
764	4/27/2016 09:01:06	15.18	46.81	30.45	7.51	8.04	14.5	1.603	90.1	2.5	0.6
765	4/27/2016 09:16:05	15.16	46.81	30.44	7.51	8.04	13.9	1.544	90.1	2.7	0.6
766	4/27/2016 09:31:05	15.18	46.77	30.42	7.43	8.03	13.7	1.485	89.1	2.7	0.6
767	4/27/2016 09:46:05	15.19	46.76	30.41	7.21	8.02	9.8	1.476	86.5	2.2	0.5
768	4/27/2016 10:01:05	15.21	46.81	30.45	7.27	8.03	13.3	1.470	87.3	3.0	0.7
769	4/27/2016 10:16:06	15.16	46.80	30.44	7.45	8.04	14.5	1.485	89.4	2.8	0.7
770	4/27/2016 10:31:06	15.16	46.80	30.44	7.42	8.04	16.7	1.502	88.9	2.9	0.7
771	4/27/2016 10:46:06	15.19	46.78	30.43	7.48	8.04	14.8	1.531	89.8	2.5	0.6
772	4/27/2016 11:01:06	15.21	46.78	30.42	7.45	8.04	15.7	1.602	89.4	2.8	0.7
773	4/27/2016 11:16:06	15.25	46.75	30.41	7.50	8.04	13.8	1.654	90.1	2.6	0.6
774	4/27/2016 11:31:06	15.25	46.44	30.18	7.51	8.04	14.2	1.702	90.0	2.5	0.6
775	4/27/2016 11:46:05	15.23	46.45	30.19	7.49	8.03	15.2	1.774	89.8	3.1	0.7
776	4/27/2016 12:01:06	15.25	46.22	30.02	7.52	8.04	13.0	1.841	90.1	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
777	4/27/2016 12:16:06	15.22	46.27	30.06	7.47	8.04	12.4	1.905	89.5	2.1	0.5
778	4/27/2016 12:31:06	15.20	46.35	30.11	7.47	8.04	11.9	1.964	89.5	2.3	0.5
779	4/27/2016 12:46:05	15.17	46.44	30.18	7.39	8.03	11.4	2.041	88.5	1.9	0.4
780	4/27/2016 13:01:06	14.96	46.69	30.36	7.52	8.05	9.7	2.109	89.7	2.7	0.6
781	4/27/2016 13:16:06	14.91	46.75	30.39	7.54	8.05	8.9	2.182	90.0	2.5	0.6
782	4/27/2016 13:31:05	14.77	46.99	30.57	7.63	8.07	8.3	2.255	90.8	2.5	0.6
783	4/27/2016 13:46:06	14.74	47.07	30.63	7.77	8.08	7.2	2.324	92.5	2.1	0.5
784	4/27/2016 14:01:06	14.63	47.42	30.88	7.77	8.08	7.5	2.423	92.4	2.5	0.6
785	4/27/2016 14:16:06	14.64	47.41	30.87	7.83	8.09	7.4	2.478	93.1	2.5	0.6
786	4/27/2016 14:31:06	14.60	47.51	30.94	7.84	8.09	7.0	2.556	93.3	2.6	0.6
787	4/27/2016 14:46:05	14.49	47.64	31.03	7.81	8.09	7.0	2.629	92.7	2.6	0.6
788	4/27/2016 15:01:06	14.43	47.71	31.08	7.86	8.09	7.3	2.690	93.2	2.5	0.6
789	4/27/2016 15:16:06	14.41	47.76	31.11	7.84	8.09	6.5	2.754	92.9	2.4	0.6
790	4/27/2016 15:31:05	14.30	47.81	31.15	7.84	8.09	6.5	2.801	92.8	2.9	0.7
791	4/27/2016 15:46:05	14.28	47.82	31.16	7.87	8.09	6.4	2.869	93.1	2.3	0.5
792	4/27/2016 16:01:05	14.25	47.86	31.19	7.94	8.09	5.7	2.908	93.9	2.2	0.5
793	4/27/2016 16:16:06	14.23	47.88	31.20	7.98	8.10	5.4	2.942	94.4	2.4	0.6
794	4/27/2016 16:31:06	14.18	47.93	31.23	7.86	8.10	5.3	2.983	92.9	2.7	0.6
795	4/27/2016 16:46:06	14.13	47.96	31.26	7.90	8.10	4.7	3.011	93.2	2.4	0.6
796	4/27/2016 17:01:06	14.10	47.98	31.27	7.74	8.09	3.9	3.021	91.4	2.3	0.5
797	4/27/2016 17:16:06	14.11	47.98	31.27	7.44	8.08	4.2	3.021	87.8	2.2	0.5
798	4/27/2016 17:31:05	14.14	47.96	31.25	7.81	8.09	4.2	3.024	92.1	2.6	0.6
799	4/27/2016 17:46:06	14.17	47.94	31.24	7.91	8.09	5.7	3.008	93.4	2.3	0.6
800	4/27/2016 18:01:06	14.27	47.88	31.20	8.18	8.12	13.0	2.984	96.8	3.2	0.8
801	4/27/2016 18:16:05	14.16	47.93	31.24	8.21	8.11	11.9	2.951	96.9	3.1	0.7
802	4/27/2016 18:31:05	14.09	47.97	31.26	8.23	8.11	13.6	2.903	97.1	3.9	0.9
803	4/27/2016 18:46:05	14.06	47.99	31.27	8.27	8.11	12.6	2.858	97.5	3.3	0.8
804	4/27/2016 19:01:06	14.02	48.01	31.29	8.22	8.11	11.6	2.817	96.8	3.2	0.8
805	4/27/2016 19:16:05	14.11	47.94	31.24	8.18	8.11	13.7	2.755	96.5	3.0	0.7
806	4/27/2016 19:31:06	14.39	47.71	31.08	8.18	8.10	16.7	2.693	96.9	3.4	0.8
807	4/27/2016 19:46:06	14.40	47.60	31.00	8.16	8.10	15.6	2.647	96.6	3.6	0.8
808	4/27/2016 20:01:06	14.44	47.49	30.92	8.17	8.10	17.1	2.594	96.9	3.6	0.9
809	4/27/2016 20:16:06	14.55	47.38	30.84	8.07	8.09	19.7	2.540	95.8	3.6	0.8
810	4/27/2016 20:31:05	14.61	47.26	30.76	8.03	8.09	19.3	2.501	95.4	3.6	0.9
811	4/27/2016 20:46:06	14.64	47.17	30.70	8.05	8.09	20.1	2.460	95.7	4.1	1.0
812	4/27/2016 21:01:06	14.71	47.09	30.64	8.00	8.08	23.4	2.427	95.2	4.7	1.1
813	4/27/2016 21:16:06	14.80	47.02	30.59	7.91	8.08	21.9	2.396	94.3	4.0	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	4/27/2016 21:31:05	14.78	47.04	30.60	7.89	8.07	22.3	2.379	94.0	3.7	0.9
815	4/27/2016 21:46:06	14.85	46.98	30.56	7.80	8.07	18.7	2.371	93.0	4.6	1.1
816	4/27/2016 22:01:06	14.90	46.98	30.56	7.54	8.05	14.2	2.361	90.1	4.0	1.0
817	4/27/2016 22:16:06	14.89	46.98	30.56	7.65	8.07	15.8	2.366	91.4	4.7	1.1
818	4/27/2016 22:31:06	14.81	47.00	30.57	7.92	8.07	16.3	2.377	94.4	3.9	0.9
819	4/27/2016 22:46:05	14.82	46.99	30.57	7.88	8.07	15.4	2.396	93.9	3.9	0.9
820	4/27/2016 23:01:05	14.82	46.98	30.57	7.92	8.07	14.5	2.429	94.4	3.9	0.9
821	4/27/2016 23:16:06	14.85	46.96	30.55	7.89	8.07	15.1	2.463	94.1	3.7	0.9
822	4/27/2016 23:31:06	14.79	47.00	30.58	7.83	8.07	15.8	2.496	93.3	4.5	1.1
823	4/27/2016 23:46:06	14.72	47.11	30.65	7.89	8.07	13.4	2.539	93.8	3.5	0.8
824	4/28/2016 00:01:06	14.79	46.89	30.50	7.88	8.07	14.2	2.598	93.8	3.5	0.8
825	4/28/2016 00:16:06	14.79	46.78	30.42	7.85	8.07	13.4	2.636	93.4	3.4	0.8
826	4/28/2016 00:31:06	14.78	46.78	30.42	7.89	8.07	13.3	2.687	93.8	3.6	0.8
827	4/28/2016 00:46:06	14.74	46.94	30.53	7.85	8.07	12.9	2.751	93.3	3.0	0.7
828	4/28/2016 01:01:06	14.55	47.34	30.82	7.89	8.08	12.2	2.803	93.7	4.2	1.0
829	4/28/2016 01:16:06	14.29	47.58	30.98	7.86	8.08	9.4	2.848	92.9	3.4	0.8
830	4/28/2016 01:31:06	13.71	48.31	31.49	7.95	8.08	8.4	2.900	93.2	2.7	0.6
831	4/28/2016 01:46:05	13.58	48.40	31.56	7.96	8.08	7.9	2.954	93.0	2.3	0.6
832	4/28/2016 02:01:06	13.49	48.45	31.59	8.01	8.08	6.7	3.010	93.5	2.7	0.6
833	4/28/2016 02:16:06	13.50	48.40	31.55	7.95	8.09	6.4	3.060	92.8	2.3	0.6
834	4/28/2016 02:31:06	13.46	48.41	31.56	8.04	8.09	6.1	3.110	93.8	2.6	0.6
835	4/28/2016 02:46:06	13.28	48.64	31.72	7.96	8.08	5.1	3.170	92.6	2.2	0.5
836	4/28/2016 03:01:05	13.16	48.75	31.80	7.99	8.08	4.5	3.210	92.8	2.6	0.6
837	4/28/2016 03:16:06	12.99	48.99	31.96	7.92	8.08	4.1	3.244	91.7	2.0	0.5
838	4/28/2016 03:31:05	12.86	49.15	32.08	7.94	8.08	6.0	3.285	91.8	2.5	0.6
839	4/28/2016 03:46:05	12.80	49.22	32.12	7.93	8.08	4.3	3.308	91.5	1.8	0.4
840	4/28/2016 04:01:05	12.83	49.21	32.12	7.85	8.08	3.7	3.332	90.7	2.1	0.5
841	4/28/2016 04:16:06	12.86	49.20	32.11	7.83	8.07	4.8	3.319	90.5	1.6	0.4
842	4/28/2016 04:31:05	12.81	49.26	32.16	7.74	8.06	6.7	3.310	89.4	1.9	0.4
843	4/28/2016 04:46:05	12.87	49.21	32.12	7.84	8.07	5.8	3.285	90.7	1.6	0.4
844	4/28/2016 05:01:05	13.10	48.96	31.95	7.79	8.07	5.9	3.231	90.4	1.8	0.4
845	4/28/2016 05:16:05	13.51	48.37	31.53	7.85	8.08	8.7	3.168	91.6	2.3	0.6
846	4/28/2016 05:31:05	13.57	48.22	31.42	7.98	8.08	10.3	3.103	93.2	2.5	0.6
847	4/28/2016 05:46:05	13.43	48.37	31.53	8.03	8.08	18.2	3.047	93.6	2.0	0.5
848	4/28/2016 06:01:05	13.40	48.40	31.55	8.02	8.08	10.3	2.958	93.4	2.4	0.6
849	4/28/2016 06:16:05	13.38	48.40	31.55	8.02	8.08	14.7	2.866	93.4	2.2	0.5
850	4/28/2016 06:31:05	13.45	48.29	31.48	8.01	8.08	15.3	2.795	93.3	2.3	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
851	4/28/2016 06:46:05	13.56	48.13	31.36	7.93	8.08	13.9	2.717	92.6	2.7	0.7
852	4/28/2016 07:01:06	13.94	47.76	31.10	7.87	8.07	12.2	2.637	92.5	2.3	0.5
853	4/28/2016 07:16:06	13.88	47.81	31.14	7.86	8.07	11.4	2.534	92.2	2.6	0.6
854	4/28/2016 07:31:06	14.11	47.57	30.97	7.85	8.07	16.1	2.452	92.4	2.6	0.6
855	4/28/2016 07:46:06	14.09	47.62	31.01	7.91	8.07	25.3	2.345	93.2	2.1	0.5
856	4/28/2016 08:01:06	14.09	47.63	31.01	7.97	8.07	17.7	2.262	93.8	2.4	0.6
857	4/28/2016 08:16:06	14.27	47.43	30.88	7.91	8.07	49.1	2.150	93.4	2.4	0.6
858	4/28/2016 08:31:06	14.24	47.45	30.88	7.95	8.08	37.0	2.031	93.8	3.3	0.8
859	4/28/2016 08:46:05	14.16	47.52	30.93	8.07	8.08	32.3	1.949	95.1	3.2	0.8
860	4/28/2016 09:01:06	14.30	47.40	30.85	8.02	8.08	24.3	1.852	94.8	2.8	0.7
861	4/28/2016 09:16:06	14.49	47.29	30.78	8.00	8.08	23.1	1.749	94.8	3.1	0.7
862	4/28/2016 09:31:05	14.68	47.08	30.63	7.82	8.07	23.0	1.684	93.0	3.4	0.8
863	4/28/2016 09:46:06	14.70	47.00	30.58	7.74	8.06	24.1	1.617	92.0	3.2	0.8
864	4/28/2016 10:01:06	14.70	46.94	30.53	7.72	8.05	28.1	1.554	91.8	3.4	0.8
865	4/28/2016 10:16:06	14.71	46.96	30.54	7.63	8.05	23.2	1.530	90.7	3.7	0.9
866	4/28/2016 10:31:06	14.77	46.99	30.57	7.77	8.06	17.4	1.490	92.5	3.5	0.8
867	4/28/2016 10:46:06	14.78	47.00	30.57	7.60	8.06	22.4	1.488	90.5	3.6	0.8
868	4/28/2016 11:01:06	14.68	46.99	30.57	7.60	8.06	18.8	1.480	90.3	2.9	0.7
869	4/28/2016 11:16:06	14.66	46.99	30.56	7.61	8.06	21.4	1.514	90.4	3.3	0.8
870	4/28/2016 11:31:06	14.71	46.98	30.56	7.65	8.06	21.8	1.533	91.0	3.2	0.8
871	4/28/2016 11:46:06	14.76	46.95	30.54	7.73	8.05	18.6	1.584	92.1	3.7	0.9
872	4/28/2016 12:01:06	14.70	46.95	30.54	7.62	8.05	21.0	1.626	90.5	3.8	0.9
873	4/28/2016 12:16:05	14.74	46.95	30.54	7.71	8.05	20.2	1.687	91.7	3.2	0.8
874	4/28/2016 12:31:05	14.73	46.99	30.57	7.71	8.05	17.7	1.739	91.7	3.1	0.7
875	4/28/2016 12:46:06	14.83	46.72	30.38	7.78	8.05	17.2	1.794	92.6	4.0	0.9
876	4/28/2016 13:01:05	14.78	46.69	30.35	7.70	8.04	18.6	1.862	91.6	3.3	0.8
877	4/28/2016 13:16:06	14.85	46.78	30.42	7.71	8.04	16.3	1.916	91.8	3.2	0.8
878	4/28/2016 13:31:05	14.76	46.83	30.45	7.67	8.04	14.7	1.983	91.2	3.4	0.8
879	4/28/2016 13:46:06	14.62	46.93	30.52	7.62	8.05	14.0	2.072	90.4	2.8	0.7
880	4/28/2016 14:01:06	14.38	47.25	30.75	7.61	8.05	12.8	2.143	90.0	2.8	0.7
881	4/28/2016 14:16:06	14.28	47.47	30.90	7.67	8.06	10.3	2.210	90.6	2.3	0.5
882	4/28/2016 14:31:06	14.20	47.59	30.99	7.74	8.06	9.7	2.289	91.3	2.1	0.5
883	4/28/2016 14:46:06	14.11	47.68	31.05	7.70	8.06	8.6	2.360	90.8	2.5	0.6
884	4/28/2016 15:01:05	14.04	47.80	31.14	7.72	8.07	8.6	2.424	90.8	2.3	0.5
885	4/28/2016 15:16:05	14.01	47.85	31.17	7.76	8.07	7.9	2.488	91.3	2.1	0.5
886	4/28/2016 15:31:05	14.04	47.80	31.14	7.81	8.07	7.2	2.559	91.9	3.0	0.7
887	4/28/2016 15:46:06	14.04	47.78	31.12	7.80	8.07	7.8	2.624	91.9	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	4/28/2016 16:01:06	14.13	47.70	31.07	7.82	8.07	6.9	2.688	92.2	2.2	0.5
889	4/28/2016 16:16:06	14.12	47.78	31.13	7.79	8.07	7.0	2.744	91.9	2.4	0.6
890	4/28/2016 16:31:06	14.23	47.68	31.06	7.84	8.08	6.6	2.790	92.6	2.6	0.6
891	4/28/2016 16:46:05	14.18	47.71	31.08	7.87	8.07	6.4	2.839	92.8	2.1	0.5
892	4/28/2016 17:01:05	14.04	47.83	31.16	7.85	8.07	6.4	2.881	92.4	2.2	0.5
893	4/28/2016 17:16:06	13.90	47.96	31.25	7.81	8.07	6.5	2.919	91.8	2.4	0.6
894	4/28/2016 17:31:06	13.86	48.01	31.28	7.73	8.07	5.8	2.951	90.7	1.5	0.4
895	4/28/2016 17:46:06	13.80	48.10	31.34	7.76	8.06	5.4	2.989	91.0	1.9	0.5
896	4/28/2016 18:01:06	13.86	48.04	31.31	7.68	8.06	5.4	2.996	90.2	2.3	0.5
897	4/28/2016 18:16:06	13.80	48.11	31.36	7.66	8.06	5.0	2.998	89.9	2.2	0.5
898	4/28/2016 18:31:06	13.88	48.05	31.31	7.52	8.05	5.6	2.982	88.3	1.5	0.4
899	4/28/2016 18:46:06	13.89	48.04	31.31	7.64	8.06	8.2	2.988	89.8	1.7	0.4
900	4/28/2016 19:01:06	14.01	47.96	31.25	7.76	8.06	9.0	2.951	91.3	1.6	0.4
901	4/28/2016 19:16:06	14.27	47.85	31.18	7.90	8.08	14.1	2.919	93.4	3.4	0.8
902	4/28/2016 19:31:06	14.23	47.88	31.20	8.10	8.08	13.1	2.899	95.7	2.7	0.6
903	4/28/2016 19:46:06	14.26	47.84	31.17	8.09	8.08	15.3	2.842	95.6	2.9	0.7
904	4/28/2016 20:01:06	14.26	47.83	31.17	8.02	8.08	15.9	2.770	94.8	3.1	0.7
905	4/28/2016 20:16:06	14.22	47.85	31.17	7.98	8.08	14.7	2.708	94.3	3.1	0.7
906	4/28/2016 20:31:06	14.32	47.79	31.14	8.08	8.08	14.8	2.681	95.7	3.5	0.8
907	4/28/2016 20:46:06	14.34	47.69	31.06	7.99	8.07	14.7	2.622	94.6	3.2	0.8
908	4/28/2016 21:01:06	14.44	47.60	31.00	8.03	8.07	14.4	2.572	95.2	3.2	0.8
909	4/28/2016 21:16:06	14.49	47.48	30.91	7.93	8.07	29.1	2.542	94.1	3.3	0.8
910	4/28/2016 21:31:06	14.73	47.26	30.76	7.89	8.06	18.2	2.499	94.0	3.4	0.8
911	4/28/2016 21:46:06	14.86	47.18	30.71	7.88	8.06	15.9	2.472	94.0	3.7	0.9
912	4/28/2016 22:01:05	14.82	47.22	30.74	7.86	8.06	16.2	2.430	93.8	4.1	1.0
913	4/28/2016 22:16:05	14.72	47.30	30.79	7.87	8.06	16.7	2.384	93.7	3.7	0.9
914	4/28/2016 22:31:06	14.74	47.30	30.79	7.92	8.06	14.2	2.387	94.3	4.1	1.0
915	4/28/2016 22:46:06	14.88	47.21	30.73	7.51	8.05	11.3	2.385	89.7	5.7	1.3
916	4/28/2016 23:01:06	14.94	47.17	30.70	7.49	8.04	11.3	2.372	89.5	3.7	0.9
917	4/28/2016 23:16:06	14.87	47.18	30.70	7.65	8.05	13.7	2.370	91.4	3.9	0.9
918	4/28/2016 23:31:06	14.81	47.19	30.71	7.75	8.06	49.6	2.388	92.4	4.1	1.0
919	4/28/2016 23:46:06	14.84	47.18	30.71	7.90	8.06	230.4	2.397	94.2	3.4	0.8
920	4/29/2016 00:01:06	14.76	47.22	30.74	7.75	8.05	17.8	2.429	92.3	3.5	0.8
921	4/29/2016 00:16:06	14.71	47.31	30.80	7.85	8.06	118.9	2.460	93.5	3.7	0.9
922	4/29/2016 00:31:06	14.68	47.33	30.81	7.79	8.06	69.3	2.485	92.7	3.4	0.8
923	4/29/2016 00:46:06	14.72	47.21	30.73	7.89	8.06	49.9	2.540	94.0	3.4	0.8
924	4/29/2016 01:01:06	14.80	46.99	30.57	7.91	8.06	49.1	2.573	94.2	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	4/29/2016 01:16:06	14.84	46.99	30.57	7.91	8.06	11.8	2.615	94.3	3.7	0.9
926	4/29/2016 01:31:06	14.69	47.26	30.76	7.78	8.06	10.3	2.677	92.6	3.1	0.7
927	4/29/2016 01:46:06	14.29	47.75	31.11	7.81	8.06	9.2	2.712	92.4	2.6	0.6
928	4/29/2016 02:01:06	14.00	48.09	31.34	7.88	8.06	9.1	2.766	92.8	3.0	0.7
929	4/29/2016 02:16:06	13.91	48.17	31.40	7.98	8.07	7.8	2.809	93.9	2.8	0.7
930	4/29/2016 02:31:06	13.72	48.39	31.56	7.98	8.07	9.4	2.854	93.5	2.5	0.6
931	4/29/2016 02:46:06	13.60	48.52	31.65	8.05	8.07	11.7	2.897	94.2	2.7	0.6
932	4/29/2016 03:01:06	13.37	48.76	31.81	8.15	8.07	6.8	2.948	95.0	2.5	0.6
933	4/29/2016 03:16:06	13.29	48.84	31.86	8.17	8.07	5.4	2.991	95.2	2.5	0.6
934	4/29/2016 03:31:06	13.21	48.90	31.91	8.15	8.07	5.8	3.046	94.8	2.3	0.5
935	4/29/2016 03:46:05	13.21	48.88	31.89	8.20	8.07	5.5	3.089	95.3	2.3	0.5
936	4/29/2016 04:01:06	13.20	48.86	31.88	8.18	8.07	4.7	3.123	95.1	2.3	0.5
937	4/29/2016 04:16:06	13.08	48.99	31.97	8.14	8.07	4.8	3.155	94.4	3.2	0.8
938	4/29/2016 04:31:05	13.10	48.94	31.93	8.08	8.06	4.9	3.175	93.8	1.1	0.3
939	4/29/2016 04:46:06	13.45	48.31	31.49	7.82	8.05	7.8	3.200	91.1	1.9	0.4
940	4/29/2016 05:01:06	13.40	48.46	31.59	7.84	8.06	5.4	3.212	91.3	1.7	0.4
941	4/29/2016 05:16:05	13.43	48.43	31.57	8.02	8.05	8.0	3.214	93.5	2.3	0.6
942	4/29/2016 05:31:05	13.30	48.77	31.82	8.00	8.05	7.6	3.182	93.1	1.8	0.4
943	4/29/2016 05:46:06	13.33	48.79	31.83	7.94	8.05	6.8	3.158	92.5	1.4	0.3
944	4/29/2016 06:01:06	13.74	48.23	31.44	7.86	8.06	8.9	3.128	92.2	2.4	0.6
945	4/29/2016 06:16:06	13.72	48.22	31.43	7.91	8.06	8.4	3.067	92.7	2.2	0.5
946	4/29/2016 06:31:06	13.71	48.15	31.38	7.94	8.07	10.3	2.995	93.0	2.0	0.5
947	4/29/2016 06:46:06	13.71	48.09	31.34	7.96	8.07	11.7	2.938	93.2	2.0	0.5
948	4/29/2016 07:01:06	13.81	48.01	31.28	8.00	8.07	10.0	2.865	93.8	1.8	0.4
949	4/29/2016 07:16:05	13.76	48.06	31.32	8.03	8.07	8.6	2.794	94.1	2.1	0.5
950	4/29/2016 07:31:05	13.85	48.00	31.28	7.98	8.06	10.3	2.698	93.7	2.1	0.5
951	4/29/2016 07:46:06	14.07	47.76	31.11	7.94	8.06	9.7	2.621	93.5	2.1	0.5
952	4/29/2016 08:01:06	14.08	47.71	31.07	7.89	8.06	12.2	2.548	92.9	2.6	0.6
953	4/29/2016 08:16:06	14.24	47.60	31.00	7.84	8.06	13.6	2.452	92.6	2.2	0.5
954	4/29/2016 08:31:05	14.33	47.52	30.94	7.91	8.05	12.3	2.366	93.6	2.2	0.5
955	4/29/2016 08:46:05	14.39	47.49	30.92	7.92	8.06	13.3	2.272	93.8	2.4	0.6
956	4/29/2016 09:01:06	14.58	47.32	30.80	7.93	8.06	16.2	2.179	94.2	2.9	0.7
957	4/29/2016 09:16:05	14.55	47.35	30.82	7.98	8.06	15.0	2.098	94.7	2.5	0.6
958	4/29/2016 09:31:06	14.52	47.38	30.84	8.04	8.07	14.5	2.007	95.4	2.8	0.7
959	4/29/2016 09:46:06	14.71	47.18	30.70	7.96	8.07	19.2	1.905	94.7	2.9	0.7
960	4/29/2016 10:01:06	14.82	47.11	30.65	8.02	8.07	20.5	1.817	95.7	3.3	0.8
961	4/29/2016 10:16:06	14.93	47.00	30.58	7.86	8.06	24.4	1.754	93.9	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
962	4/29/2016 10:31:06	14.99	46.97	30.56	7.83	8.06	26.4	1.686	93.6	3.3	0.8
963	4/29/2016 10:46:06	15.03	46.92	30.53	7.80	8.06	26.0	1.620	93.3	3.6	0.8
964	4/29/2016 11:01:05	15.04	46.89	30.50	7.74	8.05	26.4	1.590	92.6	3.5	0.8
965	4/29/2016 11:16:05	15.04	46.86	30.48	7.55	8.04	25.9	1.561	90.3	3.2	0.8
966	4/29/2016 11:31:06	15.02	46.83	30.46	7.58	8.05	22.1	1.546	90.6	2.7	0.7
967	4/29/2016 11:46:06	15.05	46.88	30.49	7.71	8.05	20.3	1.526	92.2	3.5	0.8
968	4/29/2016 12:01:06	15.08	46.87	30.49	7.68	8.05	15.7	1.540	92.0	2.9	0.7
969	4/29/2016 12:16:06	15.25	46.78	30.42	7.78	8.05	15.9	1.574	93.4	3.8	0.9
970	4/29/2016 12:31:05	15.11	46.83	30.46	7.71	8.04	18.8	1.604	92.3	3.8	0.9
971	4/29/2016 12:46:06	15.17	46.83	30.46	7.76	8.05	18.3	1.619	93.1	3.8	0.9
972	4/29/2016 13:01:05	15.12	46.82	30.45	7.70	8.04	21.2	1.674	92.3	3.2	0.8
973	4/29/2016 13:16:06	15.06	46.85	30.48	7.71	8.04	17.9	1.725	92.2	3.0	0.7
974	4/29/2016 13:31:06	15.23	46.71	30.37	7.72	8.04	18.1	1.762	92.6	3.7	0.9
975	4/29/2016 13:46:06	15.19	46.73	30.39	7.73	8.04	17.2	1.817	92.7	3.7	0.9
976	4/29/2016 14:01:06	15.18	46.75	30.40	7.71	8.04	17.0	1.882	92.5	3.9	0.9
977	4/29/2016 14:16:06	15.06	46.85	30.47	7.63	8.03	17.1	1.951	91.3	2.8	0.7
978	4/29/2016 14:31:06	14.94	46.90	30.51	7.65	8.04	15.6	2.025	91.4	3.2	0.8
979	4/29/2016 14:46:06	14.86	46.90	30.51	7.62	8.04	12.8	2.083	90.8	3.4	0.8
980	4/29/2016 15:01:06	14.58	47.24	30.74	7.68	8.04	11.2	2.167	91.1	2.8	0.7
981	4/29/2016 15:16:06	14.30	47.63	31.02	7.75	8.05	9.9	2.241	91.7	2.6	0.6
982	4/29/2016 15:31:06	14.24	47.69	31.07	7.78	8.05	10.0	2.314	92.0	2.2	0.5
983	4/29/2016 15:46:06	14.11	47.86	31.18	7.83	8.05	9.8	2.392	92.3	2.5	0.6
984	4/29/2016 16:01:06	14.10	47.93	31.23	7.85	8.06	8.5	2.463	92.6	2.5	0.6
985	4/29/2016 16:16:06	14.03	48.00	31.28	7.82	8.06	9.0	2.533	92.1	2.2	0.5
986	4/29/2016 16:31:06	13.97	48.06	31.33	7.91	8.06	8.7	2.604	93.1	1.8	0.4
987	4/29/2016 16:46:06	14.14	47.91	31.22	7.91	8.06	7.4	2.656	93.3	2.6	0.6
988	4/29/2016 17:01:06	14.24	47.81	31.15	7.97	8.06	6.8	2.726	94.2	2.5	0.6
989	4/29/2016 17:16:06	14.18	47.85	31.18	8.08	8.06	6.8	2.789	95.4	2.1	0.5
990	4/29/2016 17:31:06	14.14	47.93	31.23	8.07	8.06	6.7	2.843	95.2	2.7	0.6
991	4/29/2016 17:46:05	14.15	48.00	31.28	8.15	8.06	5.7	2.886	96.2	2.5	0.6
992	4/29/2016 18:01:06	13.96	48.18	31.41	8.13	8.06	5.7	2.936	95.7	1.9	0.5
993	4/29/2016 18:16:06	13.86	48.26	31.46	8.07	8.06	5.2	2.981	94.9	2.0	0.5
994	4/29/2016 18:31:06	13.80	48.30	31.49	8.11	8.06	5.0	3.016	95.2	2.1	0.5
995	4/29/2016 18:46:06	13.69	48.37	31.54	8.13	8.06	4.8	3.041	95.2	1.8	0.4
996	4/29/2016 19:01:06	13.61	48.46	31.60	8.06	8.06	4.9	3.049	94.3	1.9	0.5
997	4/29/2016 19:16:06	13.53	48.52	31.64	7.74	8.04	4.3	3.071	90.4	1.8	0.4
998	4/29/2016 19:31:06	13.53	48.53	31.65	7.78	8.04	5.4	3.065	90.9	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
999	4/29/2016 19:46:06	13.77	48.39	31.55	7.98	8.05	7.3	3.038	93.6	1.8	0.4
1000	4/29/2016 20:01:06	13.82	48.33	31.51	7.97	8.05	8.9	3.019	93.7	2.4	0.6
1001	4/29/2016 20:16:06	14.09	48.14	31.38	8.18	8.07	14.5	2.984	96.5	2.8	0.7
1002	4/29/2016 20:31:06	13.98	48.18	31.41	8.23	8.07	16.6	2.936	97.0	3.2	0.8
1003	4/29/2016 20:46:05	13.87	48.23	31.44	8.17	8.06	16.1	2.887	96.1	3.0	0.7
1004	4/29/2016 21:01:06	13.89	48.20	31.42	8.21	8.06	15.2	2.821	96.5	2.9	0.7
1005	4/29/2016 21:16:06	14.15	48.00	31.28	8.19	8.07	17.7	2.779	96.7	3.6	0.8
1006	4/29/2016 21:31:05	13.98	48.14	31.38	8.22	8.06	20.0	2.716	96.8	3.3	0.8
1007	4/29/2016 21:46:06	14.20	48.06	31.33	8.18	8.07	20.0	2.656	96.7	3.7	0.9
1008	4/29/2016 22:01:06	14.21	48.04	31.32	8.19	8.07	20.8	2.609	96.8	3.1	0.7
1009	4/29/2016 22:16:06	14.35	47.92	31.23	8.09	8.07	20.3	2.563	95.9	3.2	0.8
1010	4/29/2016 22:31:06	14.40	47.61	31.01	8.07	8.07	18.1	2.508	95.6	3.7	0.9
1011	4/29/2016 22:46:06	14.25	47.72	31.08	8.12	8.06	17.7	2.461	96.0	3.8	0.9
1012	4/29/2016 23:01:06	14.52	47.40	30.86	8.01	8.06	19.4	2.433	95.1	3.9	0.9
1013	4/29/2016 23:16:06	14.34	47.57	30.98	8.06	8.06	20.7	2.385	95.3	3.4	0.8
1014	4/29/2016 23:31:06	14.52	47.41	30.86	8.07	8.06	19.1	2.373	95.7	4.5	1.1
1015	4/29/2016 23:46:06	14.45	47.45	30.89	8.00	8.06	18.0	2.341	94.8	3.7	0.9
1016	4/30/2016 00:01:06	14.44	47.46	30.90	7.95	8.06	16.1	2.316	94.2	3.7	0.9
1017	4/30/2016 00:16:06	14.61	47.33	30.81	7.81	8.05	12.0	2.316	92.9	3.4	0.8
1018	4/30/2016 00:31:06	14.64	47.30	30.79	7.84	8.06	12.3	2.318	93.3	4.0	0.9
1019	4/30/2016 00:46:06	14.61	47.30	30.79	7.91	8.06	12.1	2.319	94.0	3.6	0.9
1020	4/30/2016 01:01:05	14.55	47.31	30.79	8.00	8.06	12.4	2.332	94.9	3.8	0.9
1021	4/30/2016 01:16:06	14.71	47.21	30.73	7.99	8.06	11.7	2.359	95.1	3.4	0.8
1022	4/30/2016 01:31:06	14.68	47.22	30.73	7.92	8.06	13.1	2.387	94.2	3.6	0.9
1023	4/30/2016 01:46:06	14.61	47.32	30.80	7.91	8.06	12.0	2.418	94.0	3.1	0.7
1024	4/30/2016 02:01:06	14.60	47.28	30.77	7.88	8.05	11.8	2.439	93.6	3.1	0.7
1025	4/30/2016 02:16:05	14.54	47.33	30.81	7.98	8.06	12.5	2.507	94.7	3.6	0.8
1026	4/30/2016 02:31:05	14.58	47.24	30.75	7.98	8.06	11.8	2.554	94.7	3.1	0.7
1027	4/30/2016 02:46:06	14.64	47.14	30.68	7.94	8.06	11.5	2.590	94.3	3.1	0.7
1028	4/30/2016 03:01:06	14.54	47.38	30.85	7.85	8.06	10.4	2.648	93.2	3.2	0.8
1029	4/30/2016 03:16:06	14.24	47.82	31.15	7.92	8.05	9.7	2.696	93.7	3.1	0.7
1030	4/30/2016 03:31:06	13.99	48.13	31.37	7.93	8.05	8.4	2.724	93.4	1.5	0.3
1031	4/30/2016 03:46:06	13.81	48.29	31.48	8.02	8.05	8.3	2.774	94.1	2.4	0.6
1032	4/30/2016 04:01:06	13.62	48.44	31.59	8.05	8.05	8.9	2.829	94.2	2.4	0.6
1033	4/30/2016 04:16:06	13.56	48.45	31.59	8.02	8.05	8.0	2.868	93.7	2.0	0.5
1034	4/30/2016 04:31:06	13.55	48.41	31.56	8.07	8.05	8.0	2.911	94.3	1.9	0.4
1035	4/30/2016 04:46:06	13.37	48.62	31.71	8.05	8.05	7.0	2.955	93.8	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	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1036	4/30/2016 05:01:06	13.29	48.69	31.76	8.10	8.05	12.9	2.998	94.2	2.2	0.5
1037	4/30/2016 05:16:06	13.21	48.77	31.82	8.01	8.05	9.2	3.033	93.1	2.0	0.5
1038	4/30/2016 05:31:05	13.16	48.81	31.84	7.99	8.05	5.4	3.055	92.8	2.2	0.5
1039	4/30/2016 05:46:05	13.30	48.49	31.61	7.95	8.05	6.7	3.079	92.4	2.2	0.5
1040	4/30/2016 06:01:05	13.03	47.93	31.19	8.02	8.05	18.6	3.097	92.5	3.1	0.7
1041	4/30/2016 06:16:06	13.24	48.15	31.36	7.81	8.04	11.9	3.094	90.5	2.7	0.6
1042	4/30/2016 06:31:06	13.23	48.68	31.75	7.74	8.03	7.8	3.082	90.0	1.5	0.4
1043	4/30/2016 06:46:06	13.24	48.72	31.78	7.84	8.03	9.5	3.076	91.2	2.6	0.6
1044	4/30/2016 07:01:06	13.70	47.77	31.10	7.85	8.05	11.5	3.040	91.7	1.7	0.4
1045	4/30/2016 07:16:06	13.61	47.83	31.14	7.81	8.04	10.4	3.001	91.2	1.8	0.4
1046	4/30/2016 07:31:06	13.63	47.82	31.14	7.83	8.04	8.7	2.949	91.4	2.0	0.5
1047	4/30/2016 07:46:06	13.92	47.66	31.03	7.92	8.06	13.0	2.888	93.0	2.3	0.5
1048	4/30/2016 08:01:06	13.80	47.89	31.19	7.98	8.06	8.1	2.830	93.5	2.3	0.5
1049	4/30/2016 08:16:06	13.73	48.06	31.32	8.06	8.06	7.0	2.764	94.4	2.0	0.5
1050	4/30/2016 08:31:06	13.79	48.10	31.34	8.07	8.07	6.9	2.678	94.7	1.8	0.4
1051	4/30/2016 08:46:06	14.14	47.79	31.13	8.07	8.07	7.6	2.611	95.2	2.3	0.6
1052	4/30/2016 09:01:06	14.15	47.86	31.18	8.30	8.08	7.8	2.527	97.9	2.5	0.6
1053	4/30/2016 09:16:06	14.41	47.65	31.04	8.12	8.07	8.3	2.442	96.2	1.7	0.4
1054	4/30/2016 09:31:06	14.44	47.73	31.09	8.11	8.08	8.6	2.353	96.2	2.5	0.6
1055	4/30/2016 09:46:06	14.49	47.74	31.10	8.28	8.08	12.0	2.261	98.4	2.8	0.7
1056	4/30/2016 10:01:06	14.54	47.60	31.00	8.14	8.07	12.3	2.172	96.7	2.7	0.7
1057	4/30/2016 10:16:06	14.58	47.54	30.96	8.13	8.07	13.6	2.067	96.6	1.8	0.4
1058	4/30/2016 10:31:06	14.66	47.51	30.94	8.07	8.08	13.6	1.975	96.1	2.8	0.7
1059	4/30/2016 10:46:05	14.72	47.52	30.95	8.07	8.08	15.0	1.897	96.2	2.3	0.6
1060	4/30/2016 11:01:06	14.81	47.43	30.89	8.05	8.08	18.3	1.807	96.1	3.0	0.7
1061	4/30/2016 11:16:06	14.86	47.41	30.87	8.04	8.08	17.2	1.736	96.1	2.9	0.7
1062	4/30/2016 11:31:06	14.90	47.40	30.87	7.98	8.08	20.5	1.668	95.4	2.7	0.6
1063	4/30/2016 11:46:06	14.94	47.36	30.84	7.99	8.07	17.0	1.623	95.6	2.7	0.6
1064	4/30/2016 12:01:06	15.02	47.36	30.84	8.01	8.08	19.7	1.568	96.0	2.5	0.6
1065	4/30/2016 12:16:06	15.05	47.31	30.80	7.90	8.07	18.3	1.532	94.8	2.9	0.7
1066	4/30/2016 12:31:06	15.09	47.31	30.81	7.76	8.06	13.6	1.526	93.1	2.5	0.6
1067	4/30/2016 12:46:06	15.12	47.31	30.81	7.80	8.06	16.4	1.511	93.6	2.7	0.6
1068	4/30/2016 13:01:05	15.17	47.27	30.78	7.91	8.07	18.6	1.518	95.0	3.0	0.7
1069	4/30/2016 13:16:06	15.22	47.25	30.77	8.02	8.08	18.6	1.540	96.5	3.1	0.7
1070	4/30/2016 13:31:06	15.29	47.24	30.76	8.02	8.08	15.9	1.557	96.6	3.5	0.8
1071	4/30/2016 13:46:06	15.25	47.29	30.80	8.03	8.08	18.0	1.596	96.7	3.8	0.9
1072	4/30/2016 14:01:06	15.19	47.16	30.70	7.97	8.07	16.8	1.641	95.7	3.5	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Match 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
1073	4/30/2016 14:16:06	15.12	47.14	30.68	7.91	8.06	20.3	1.691	94.9	2.9	0.7
1074	4/30/2016 14:31:06	15.09	47.14	30.68	7.86	8.06	17.5	1.753	94.2	3.1	0.7
1075	4/30/2016 14:46:06	15.11	47.15	30.69	7.87	8.06	16.3	1.802	94.4	3.0	0.7
1076	4/30/2016 15:01:06	15.16	47.20	30.73	7.99	8.07	12.9	1.874	96.0	3.2	0.8
1077	4/30/2016 15:16:06	15.16	47.19	30.72	8.07	8.07	12.4	1.954	96.9	3.9	0.9
1078	4/30/2016 15:31:06	15.20	47.15	30.69	8.06	8.07	13.0	2.015	96.8	3.6	0.9
1079	4/30/2016 15:46:06	15.24	47.04	30.61	7.97	8.06	13.6	2.077	95.9	3.2	0.8
1080	4/30/2016 16:01:06	15.16	46.98	30.57	7.90	8.05	14.1	2.156	94.9	3.4	0.8
1081	4/30/2016 16:16:06	14.83	47.35	30.83	7.95	8.05	11.2	2.239	94.9	2.5	0.6
1082	4/30/2016 16:31:06	14.51	47.60	31.00	7.90	8.05	9.2	2.310	93.8	2.5	0.6
1083	4/30/2016 16:46:06	14.40	47.65	31.04	7.95	8.05	9.7	2.388	94.2	2.8	0.7
1084	4/30/2016 17:01:06	14.19	47.77	31.12	7.94	8.05	15.3	2.461	93.8	2.3	0.6
1085	4/30/2016 17:16:06	14.16	47.81	31.15	7.95	8.05	10.0	2.539	93.8	2.5	0.6
1086	4/30/2016 17:31:06	14.17	47.83	31.16	7.99	8.05	10.1	2.603	94.3	2.4	0.6
1087	4/30/2016 17:46:06	13.96	47.98	31.26	8.00	8.05	8.9	2.666	94.0	2.1	0.5
1088	4/30/2016 18:01:06	13.81	48.05	31.31	7.95	8.05	7.6	2.734	93.2	1.9	0.4
1089	4/30/2016 18:16:05	13.82	47.86	31.18	7.99	8.05	7.5	2.789	93.7	1.8	0.4
1090	4/30/2016 18:31:06	13.77	47.91	31.21	8.03	8.05	8.0	2.854	94.0	2.1	0.5
1091	4/30/2016 18:46:06	13.63	48.10	31.34	8.04	8.04	7.0	2.911	94.0	2.7	0.6
1092	4/30/2016 19:01:06	13.47	48.37	31.53	7.90	8.04	6.8	2.959	92.1	2.1	0.5
1093	4/30/2016 19:16:05	13.29	48.64	31.72	7.91	8.03	6.6	3.005	92.0	1.8	0.4
1094	4/30/2016 19:31:05	13.26	48.68	31.75	7.92	8.04	6.2	3.041	92.1	1.6	0.4
1095	4/30/2016 19:46:05	13.44	48.42	31.57	7.94	8.04	5.0	3.080	92.6	2.4	0.6
1096	4/30/2016 20:01:05	13.32	48.63	31.72	7.81	8.03	5.7	3.088	90.9	1.9	0.5
1097	4/30/2016 20:16:05	13.24	48.73	31.79	7.76	8.02	6.8	3.093	90.3	2.1	0.5
1098	4/30/2016 20:31:05	13.50	48.56	31.67	7.72	8.03	7.2	3.095	90.2	2.3	0.5
1099	4/30/2016 20:46:05	13.48	48.62	31.72	7.89	8.04	10.0	3.076	92.1	2.3	0.6
1100	4/30/2016 21:01:06	13.62	48.33	31.51	8.12	8.05	11.4	3.056	94.9	2.5	0.6
1101	4/30/2016 21:16:05	13.51	48.42	31.57	8.15	8.05	11.7	3.008	95.2	4.9	1.2
1102	4/30/2016 21:31:06	13.58	48.42	31.58	8.13	8.05	11.7	2.962	95.1	2.8	0.7
1103	4/30/2016 21:46:06	13.68	48.39	31.55	8.03	8.05	11.4	2.915	94.1	5.7	1.3
1104	4/30/2016 22:01:06	13.70	48.40	31.56	8.05	8.05	10.8	2.833	94.4	3.5	0.8
1105	4/30/2016 22:16:06	13.70	48.29	31.48	8.10	8.05	10.0	2.779	94.9	3.1	0.7
1106	4/30/2016 22:31:06	13.57	48.40	31.56	8.05	8.05	8.4	2.718	94.1	12.8	3.0
1107	4/30/2016 22:46:06	13.75	48.17	31.40	8.05	8.05	8.8	2.662	94.3	4.1	1.0
1108	4/30/2016 23:01:06	13.86	48.03	31.30	7.99	8.05	9.1	2.594	93.8	2.9	0.7
1109	4/30/2016 23:16:06	14.06	47.75	31.10	8.07	8.05	9.0	2.536	95.0	2.7	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	Fluorescence %FS
1110	4/30/2016 23:31:06	13.95	47.88	31.19	7.96	8.05	9.0	2.480	93.5	2.6	0.6
1111	4/30/2016 23:46:06	14.17	47.72	31.08	7.96	8.05	9.5	2.427	93.9	3.0	0.7
1112	5/1/2016 00:01:06	14.20	47.72	31.08	7.95	8.05	10.3	2.355	93.9	2.9	0.7
1113	5/1/2016 00:16:06	14.31	47.67	31.05	7.89	8.05	10.9	2.311	93.3	3.5	0.8
1114	5/1/2016 00:31:06	14.51	47.56	30.97	7.86	8.05	10.7	2.272	93.3	3.6	0.8
1115	5/1/2016 00:46:06	14.55	47.56	30.97	7.83	8.05	11.1	2.231	93.1	3.0	0.7
1116	5/1/2016 01:01:06	14.55	47.55	30.97	7.86	8.05	10.5	2.205	93.3	2.9	0.7
1117	5/1/2016 01:16:06	14.63	47.50	30.93	7.67	8.05	10.1	2.177	91.2	3.3	0.8
1118	5/1/2016 01:31:06	14.66	47.49	30.93	7.63	8.04	8.4	2.173	90.9	4.1	1.0
1119	5/1/2016 01:46:05	14.47	47.62	31.01	7.73	8.04	9.7	2.172	91.7	2.8	0.7
1120	5/1/2016 02:01:05	14.43	47.63	31.02	7.78	8.05	9.3	2.164	92.2	3.7	0.9
1121	5/1/2016 02:16:06	14.42	47.60	31.00	7.85	8.05	9.4	2.193	93.1	3.1	0.7
1122	5/1/2016 02:31:06	14.37	47.58	30.99	7.82	8.05	9.6	2.225	92.5	2.3	0.6
1123	5/1/2016 02:46:05	14.29	47.55	30.96	7.85	8.04	10.6	2.259	92.8	2.9	0.7
1124	5/1/2016 03:01:06	14.31	47.40	30.85	7.87	8.05	10.4	2.291	93.0	3.1	0.7
1125	5/1/2016 03:16:06	14.23	47.52	30.94	7.86	8.04	9.3	2.347	92.8	2.0	0.5
1126	5/1/2016 03:31:06	14.25	47.51	30.93	7.82	8.04	9.4	2.401	92.3	3.3	0.8
1127	5/1/2016 03:46:06	14.25	47.56	30.97	7.83	8.04	9.2	2.450	92.5	3.0	0.7
1128	5/1/2016 04:01:06	14.09	47.77	31.11	7.87	8.04	8.8	2.498	92.7	2.6	0.6
1129	5/1/2016 04:16:06	13.94	47.85	31.17	7.86	8.04	8.4	2.562	92.3	3.2	0.8
1130	5/1/2016 04:31:06	13.78	48.04	31.30	7.88	8.04	8.2	2.608	92.3	2.1	0.5
1131	5/1/2016 04:46:06	13.64	48.27	31.46	7.99	8.04	8.1	2.662	93.4	1.8	0.4
1132	5/1/2016 05:01:06	13.49	48.49	31.62	8.00	8.04	8.0	2.714	93.3	1.9	0.5
1133	5/1/2016 05:16:06	13.42	48.51	31.63	8.07	8.04	6.8	2.776	94.0	2.4	0.6
1134	5/1/2016 05:31:06	13.36	48.52	31.64	8.02	8.05	7.1	2.823	93.3	2.8	0.7
1135	5/1/2016 05:46:06	13.21	48.72	31.78	8.03	8.04	6.4	2.876	93.4	2.3	0.5
1136	5/1/2016 06:01:06	13.12	48.69	31.75	8.10	8.05	6.1	2.931	94.0	2.1	0.5
1137	5/1/2016 06:16:06	13.02	48.59	31.68	8.09	8.05	5.5	2.973	93.6	1.8	0.4
1138	5/1/2016 06:31:05	13.00	48.70	31.75	8.07	8.04	5.4	3.021	93.3	1.1	0.3
1139	5/1/2016 06:46:05	12.88	49.03	31.99	8.13	8.04	5.0	3.055	94.0	1.2	0.3
1140	5/1/2016 07:01:05	12.82	49.12	32.05	8.08	8.04	5.1	3.082	93.3	1.2	0.3
1141	5/1/2016 07:16:06	12.79	49.19	32.10	8.11	8.04	4.3	3.108	93.6	1.5	0.4
1142	5/1/2016 07:31:06	12.78	49.27	32.16	7.92	8.03	4.8	3.121	91.4	1.6	0.4
1143	5/1/2016 07:46:05	12.78	49.28	32.17	8.01	8.03	5.1	3.117	92.4	1.6	0.4
1144	5/1/2016 08:01:06	12.82	49.23	32.13	8.06	8.04	6.8	3.093	93.1	1.7	0.4
1145	5/1/2016 08:16:05	12.94	49.08	32.03	7.98	8.03	6.3	3.068	92.3	1.4	0.3
1146	5/1/2016 08:31:05	13.29	48.58	31.68	8.02	8.04	6.4	3.033	93.2	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
1147	5/1/2016 08:46:05	13.37	48.58	31.68	8.00	8.04	7.2	2.977	93.2	1.6	0.4
1148	5/1/2016 09:01:06	13.57	48.50	31.63	8.18	8.05	7.9	2.906	95.7	1.9	0.4
1149	5/1/2016 09:16:05	13.67	48.48	31.61	8.15	8.06	7.2	2.842	95.5	1.3	0.3
1150	5/1/2016 09:31:06	13.65	48.21	31.42	8.01	8.05	10.0	2.766	93.7	2.0	0.5
1151	5/1/2016 09:46:05	13.83	48.21	31.42	7.95	8.04	7.8	2.683	93.4	2.2	0.5
1152	5/1/2016 10:01:06	14.03	48.15	31.39	7.91	8.04	8.2	2.600	93.2	1.7	0.4
1153	5/1/2016 10:16:05	14.19	48.16	31.40	8.01	8.05	7.0	2.518	94.8	1.8	0.4
1154	5/1/2016 10:31:06	14.43	48.07	31.34	8.23	8.06	10.3	2.427	97.8	1.9	0.4
1155	5/1/2016 10:46:05	14.67	48.13	31.39	8.33	8.07	7.6	2.347	99.4	2.0	0.5
1156	5/1/2016 11:01:06	14.79	48.05	31.34	8.25	8.07	9.2	2.244	98.7	1.8	0.4
1157	5/1/2016 11:16:06	14.90	47.86	31.20	8.17	8.07	10.8	2.159	98.0	2.4	0.6
1158	5/1/2016 11:31:05	15.01	47.77	31.14	8.08	8.06	12.2	2.078	97.0	2.2	0.5
1159	5/1/2016 11:46:06	15.16	47.61	31.03	7.97	8.06	15.2	1.973	96.0	2.2	0.5
1160	5/1/2016 12:01:06	15.42	47.55	30.99	7.95	8.05	15.9	1.898	96.2	2.8	0.7
1161	5/1/2016 12:16:05	15.49	47.51	30.96	7.86	8.05	19.2	1.820	95.2	3.0	0.7
1162	5/1/2016 12:31:05	15.58	47.51	30.96	7.91	8.05	19.0	1.731	95.9	2.0	0.5
1163	5/1/2016 12:46:05	15.43	47.45	30.91	7.69	8.04	21.8	1.673	92.9	2.9	0.7
1164	5/1/2016 13:01:05	15.41	47.45	30.91	7.57	8.04	19.7	1.626	91.5	2.4	0.6
1165	5/1/2016 13:16:05	15.44	47.45	30.92	7.53	8.03	27.0	1.578	91.0	2.5	0.6
1166	5/1/2016 13:31:06	15.54	47.44	30.91	7.54	8.04	26.3	1.562	91.3	3.1	0.7
1167	5/1/2016 13:46:06	15.57	47.54	30.99	7.75	8.05	33.8	1.546	94.0	2.8	0.7
1168	5/1/2016 14:01:05	15.15	47.58	31.01	7.63	8.04	18.3	1.567	91.7	2.2	0.5
1169	5/1/2016 14:16:06	15.32	47.57	31.00	7.74	8.05	18.1	1.578	93.4	3.2	0.8
1170	5/1/2016 14:31:05	15.65	47.57	31.01	7.91	8.06	14.0	1.613	96.1	3.1	0.7
1171	5/1/2016 14:46:05	15.48	47.60	31.02	7.92	8.05	17.0	1.663	96.0	2.4	0.6
1172	5/1/2016 15:01:06	15.43	47.59	31.02	7.84	8.05	16.0	1.716	94.9	2.8	0.7
1173	5/1/2016 15:16:05	15.63	47.36	30.86	7.86	8.05	14.2	1.767	95.3	2.7	0.6
1174	5/1/2016 15:31:06	15.68	47.25	30.77	7.83	8.05	12.7	1.827	95.1	2.8	0.7
1175	5/1/2016 15:46:05	15.44	47.33	30.82	7.88	8.04	12.6	1.896	95.2	2.9	0.7
1176	5/1/2016 16:01:05	15.34	47.27	30.78	7.89	8.04	12.2	1.966	95.2	2.5	0.6
1177	5/1/2016 16:16:05	15.14	47.46	30.92	7.87	8.04	10.9	2.031	94.6	2.9	0.7
1178	5/1/2016 16:31:05	14.84	47.45	30.90	7.97	8.04	9.7	2.118	95.2	2.3	0.5
1179	5/1/2016 16:46:06	14.66	47.68	31.06	7.95	8.04	9.7	2.194	94.8	2.6	0.6
1180	5/1/2016 17:01:06	14.34	48.01	31.29	7.92	8.04	8.6	2.271	93.9	2.1	0.5
1181	5/1/2016 17:16:06	14.25	48.10	31.36	7.99	8.04	10.9	2.348	94.6	2.6	0.6
1182	5/1/2016 17:31:06	14.14	48.25	31.47	7.98	8.04	9.8	2.433	94.3	2.1	0.5
1183	5/1/2016 17:46:06	14.12	48.29	31.49	8.05	8.05	9.8	2.514	95.2	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
1184	5/1/2016 18:01:06	14.08	48.33	31.52	8.02	8.05	9.8	2.589	94.7	1.9	0.5
1185	5/1/2016 18:16:06	13.97	48.42	31.58	8.04	8.05	13.1	2.669	94.8	1.9	0.5
1186	5/1/2016 18:31:06	13.90	48.56	31.68	8.10	8.05	14.9	2.749	95.4	2.1	0.5
1187	5/1/2016 18:46:06	13.73	48.70	31.78	8.13	8.05	13.8	2.822	95.4	2.5	0.6
1188	5/1/2016 19:01:06	13.68	48.78	31.84	8.20	8.04	12.4	2.895	96.2	2.0	0.5
1189	5/1/2016 19:16:06	13.61	48.83	31.87	8.30	8.04	12.7	2.978	97.3	2.1	0.5
1190	5/1/2016 19:31:06	13.34	49.05	32.02	8.28	8.04	11.1	3.054	96.6	1.8	0.4
1191	5/1/2016 19:46:05	13.00	49.38	32.25	8.30	8.03	12.5	3.108	96.3	2.2	0.5
1192	5/1/2016 20:01:06	12.72	49.74	32.50	8.25	8.03	10.2	3.175	95.3	1.6	0.4
1193	5/1/2016 20:16:06	12.51	49.98	32.66	8.21	8.02	9.2	3.236	94.5	1.5	0.4
1194	5/1/2016 20:31:06	12.40	50.11	32.75	8.15	8.02	7.3	3.267	93.6	1.4	0.3
1195	5/1/2016 20:46:05	12.37	50.14	32.78	8.13	8.02	5.9	3.303	93.5	1.8	0.4
1196	5/1/2016 21:01:05	12.35	50.18	32.80	8.08	8.02	6.2	3.327	92.8	1.8	0.4
1197	5/1/2016 21:16:05	12.37	50.19	32.81	8.06	8.02	5.1	3.318	92.6	1.2	0.3
1198	5/1/2016 21:31:05	12.54	50.05	32.71	8.13	8.02	9.5	3.300	93.7	1.4	0.3
1199	5/1/2016 21:46:05	12.95	49.62	32.42	8.03	8.03	7.3	3.256	93.1	1.7	0.4
1200	5/1/2016 22:01:06	13.57	49.04	32.02	8.08	8.04	8.4	3.199	94.8	2.2	0.5
1201	5/1/2016 22:16:06	13.36	49.26	32.17	8.07	8.03	9.5	3.137	94.3	1.7	0.4
1202	5/1/2016 22:31:06	13.45	49.13	32.08	8.07	8.03	12.2	3.056	94.4	2.1	0.5
1203	5/1/2016 22:46:06	14.12	48.64	31.75	8.00	8.04	9.4	2.985	94.7	2.7	0.6
1204	5/1/2016 23:01:06	14.06	48.63	31.74	8.09	8.04	11.2	2.894	95.6	2.0	0.5
1205	5/1/2016 23:16:06	14.27	48.49	31.64	7.92	8.03	8.3	2.817	94.0	1.8	0.4
1206	5/1/2016 23:31:06	14.34	48.36	31.55	7.91	8.04	8.7	2.735	93.9	2.6	0.6
1207	5/1/2016 23:46:05	14.39	48.20	31.44	7.95	8.03	9.3	2.663	94.4	2.3	0.5
1208	5/2/2016 00:01:05	14.52	48.14	31.40	7.95	8.04	9.7	2.570	94.7	2.8	0.7
1209	5/2/2016 00:16:06	14.58	48.01	31.31	7.92	8.04	9.6	2.488	94.4	2.9	0.7
1210	5/2/2016 00:31:06	14.55	48.01	31.30	7.91	8.04	8.6	2.430	94.2	2.6	0.6
1211	5/2/2016 00:46:06	14.70	47.80	31.16	7.83	8.04	9.4	2.348	93.5	2.9	0.7
1212	5/2/2016 01:01:06	14.88	47.68	31.07	7.81	8.03	8.4	2.275	93.5	2.5	0.6
1213	5/2/2016 01:16:05	14.96	47.75	31.12	7.78	8.03	8.9	2.207	93.3	3.1	0.7
1214	5/2/2016 01:31:06	15.13	47.62	31.03	7.72	8.03	8.6	2.147	92.9	2.3	0.6
1215	5/2/2016 01:46:05	15.33	47.59	31.01	7.74	8.03	8.1	2.093	93.4	2.8	0.7
1216	5/2/2016 02:01:05	15.42	47.56	30.99	7.72	8.03	8.2	2.043	93.3	2.3	0.6
1217	5/2/2016 02:16:06	15.48	47.53	30.97	7.68	8.03	8.1	2.006	92.9	2.5	0.6
1218	5/2/2016 02:31:05	15.60	47.47	30.94	7.58	8.03	7.6	1.996	92.0	3.2	0.8
1219	5/2/2016 02:46:05	15.37	47.54	30.98	7.57	8.03	7.2	1.990	91.5	2.9	0.7
1220	5/2/2016 03:01:05	15.36	47.51	30.96	7.59	8.03	7.9	2.003	91.7	2.7	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1221	5/2/2016 03:16:05	15.22	47.58	31.00	7.70	8.02	8.1	2.023	92.7	2.2	0.5
1222	5/2/2016 03:31:06	15.18	47.57	30.99	7.75	8.03	7.5	2.056	93.3	2.5	0.6
1223	5/2/2016 03:46:06	15.04	47.61	31.02	7.71	8.03	8.1	2.105	92.6	2.7	0.6
1224	5/2/2016 04:01:06	15.08	47.51	30.95	7.76	8.03	8.4	2.160	93.2	1.9	0.5
1225	5/2/2016 04:16:06	15.00	47.60	31.01	7.71	8.03	7.7	2.218	92.4	2.5	0.6
1226	5/2/2016 04:31:05	14.92	47.62	31.03	7.75	8.02	8.3	2.292	92.8	2.3	0.6
1227	5/2/2016 04:46:06	14.86	47.67	31.06	7.80	8.03	8.3	2.361	93.3	2.3	0.5
1228	5/2/2016 05:01:06	14.54	48.00	31.29	7.79	8.03	9.8	2.423	92.7	2.4	0.6
1229	5/2/2016 05:16:06	14.41	48.12	31.38	7.85	8.03	8.4	2.488	93.3	2.6	0.6
1230	5/2/2016 05:31:05	14.30	48.23	31.45	7.83	8.02	7.5	2.545	92.8	1.8	0.4
1231	5/2/2016 05:46:06	14.09	48.49	31.63	7.97	8.03	7.5	2.602	94.2	2.1	0.5
1232	5/2/2016 06:01:06	14.01	48.58	31.70	7.98	8.03	6.4	2.668	94.2	1.6	0.4
1233	5/2/2016 06:16:06	13.90	48.68	31.77	7.98	8.03	7.1	2.731	94.1	1.9	0.5
1234	5/2/2016 06:31:06	13.78	48.79	31.84	7.95	8.03	6.7	2.779	93.5	1.6	0.4
1235	5/2/2016 06:46:06	13.70	48.89	31.92	7.93	8.03	5.6	2.848	93.2	1.4	0.3
1236	5/2/2016 07:01:06	13.46	49.10	32.06	7.98	8.02	6.2	2.910	93.3	1.2	0.3
1237	5/2/2016 07:16:05	13.30	49.22	32.14	7.92	8.02	6.4	2.960	92.5	1.2	0.3
1238	5/2/2016 07:31:06	13.18	49.31	32.20	7.98	8.02	6.5	3.017	92.9	1.1	0.3
1239	5/2/2016 07:46:06	13.14	49.33	32.22	7.92	8.02	5.7	3.069	92.1	1.5	0.4
1240	5/2/2016 08:01:05	12.99	49.45	32.30	7.97	8.02	4.8	3.122	92.5	1.9	0.4
1241	5/2/2016 08:16:05	12.92	49.52	32.35	7.96	8.01	5.0	3.158	92.3	1.0	0.2
1242	5/2/2016 08:31:06	12.80	49.61	32.41	7.94	8.02	4.9	3.181	91.8	1.6	0.4
1243	5/2/2016 08:46:05	12.75	49.66	32.44	7.86	8.01	5.0	3.211	90.8	1.0	0.2
1244	5/2/2016 09:01:05	12.75	49.68	32.46	7.66	8.00	4.3	3.213	88.5	1.0	0.2
1245	5/2/2016 09:16:06	12.74	49.71	32.48	7.79	8.00	5.2	3.192	90.1	1.2	0.3
1246	5/2/2016 09:31:05	12.86	49.61	32.41	7.84	8.01	5.3	3.163	90.8	0.5	0.1
1247	5/2/2016 09:46:05	13.12	49.41	32.27	7.87	8.01	6.8	3.123	91.5	1.3	0.3
1248	5/2/2016 10:01:06	13.87	49.01	32.01	8.09	8.03	7.6	3.054	95.4	1.6	0.4
1249	5/2/2016 10:16:06	14.16	48.98	32.00	8.22	8.05	7.5	2.975	97.6	1.0	0.2
1250	5/2/2016 10:31:06	13.93	48.88	31.92	7.98	8.03	9.6	2.904	94.2	2.0	0.5
1251	5/2/2016 10:46:06	14.05	48.82	31.88	8.04	8.03	7.9	2.811	95.1	1.5	0.4
1252	5/2/2016 11:01:06	14.34	48.68	31.78	8.06	8.04	7.5	2.727	95.9	1.3	0.3
1253	5/2/2016 11:16:05	14.85	48.50	31.66	8.21	8.06	6.2	2.651	98.6	1.9	0.4
1254	5/2/2016 11:31:05	15.10	48.43	31.62	8.26	8.07	8.5	2.562	99.6	2.0	0.5
1255	5/2/2016 11:46:05	15.19	48.13	31.40	8.20	8.05	8.3	2.462	99.0	1.8	0.4
1256	5/2/2016 12:01:05	15.37	48.02	31.33	8.21	8.05	10.5	2.380	99.4	2.0	0.5
1257	5/2/2016 12:16:05	15.58	48.10	31.39	8.28	8.07	11.2	2.277	100.7	2.5	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
1258	5/2/2016 12:31:05	15.84	48.13	31.42	8.37	8.07	11.4	2.161	102.3	2.1	0.5
1259	5/2/2016 12:46:05	16.15	48.06	31.37	8.39	8.08	12.3	2.075	103.1	2.6	0.6
1260	5/2/2016 13:01:05	16.45	48.01	31.34	8.38	8.08	11.6	1.977	103.7	2.9	0.7
1261	5/2/2016 13:16:04	16.73	47.92	31.27	8.32	8.08	12.0	1.879	103.4	2.6	0.6
1262	5/2/2016 13:31:05	16.95	47.83	31.21	8.21	8.08	12.9	1.790	102.5	2.7	0.6
1263	5/2/2016 13:46:05	17.14	47.77	31.17	8.13	8.07	14.4	1.719	101.8	2.6	0.6
1264	5/2/2016 14:01:05	17.11	47.72	31.13	8.03	8.06	13.8	1.652	100.5	1.9	0.5
1265	5/2/2016 14:16:05	17.05	47.68	31.11	7.80	8.06	13.0	1.621	97.5	2.6	0.6
1266	5/2/2016 14:31:05	17.06	47.68	31.10	7.66	8.05	13.9	1.592	95.7	2.8	0.7
1267	5/2/2016 14:46:04	16.70	47.73	31.14	7.86	8.05	14.9	1.579	97.6	2.9	0.7
1268	5/2/2016 15:01:05	16.56	47.75	31.15	7.97	8.05	13.0	1.592	98.7	3.0	0.7
1269	5/2/2016 15:16:05	16.84	47.76	31.16	8.13	8.07	11.0	1.629	101.3	3.5	0.8
1270	5/2/2016 15:31:05	17.03	47.74	31.15	8.20	8.07	10.1	1.662	102.5	3.0	0.7
1271	5/2/2016 15:46:05	17.04	47.73	31.14	8.19	8.07	10.8	1.731	102.3	3.4	0.8
1272	5/2/2016 16:01:05	16.91	47.81	31.20	8.14	8.07	13.3	1.780	101.5	3.1	0.7
1273	5/2/2016 16:16:05	17.01	47.40	30.90	8.17	8.06	12.5	1.849	101.9	3.2	0.8
1274	5/2/2016 16:31:05	16.94	47.46	30.94	8.13	8.06	11.1	1.941	101.3	3.5	0.8
1275	5/2/2016 16:46:05	16.69	47.67	31.09	8.03	8.06	11.3	2.025	99.7	3.0	0.7
1276	5/2/2016 17:01:05	16.59	47.52	30.98	8.05	8.05	10.1	2.066	99.7	2.6	0.6
1277	5/2/2016 17:16:05	16.18	47.43	30.91	8.06	8.04	8.9	2.159	98.9	3.0	0.7
1278	5/2/2016 17:31:05	15.83	47.71	31.11	8.11	8.04	8.4	2.250	98.9	2.2	0.5
1279	5/2/2016 17:46:06	15.62	47.82	31.19	8.07	8.04	7.7	2.335	98.1	2.6	0.6
1280	5/2/2016 18:01:05	15.29	48.09	31.37	8.03	8.04	7.9	2.422	97.1	2.0	0.5
1281	5/2/2016 18:16:06	15.08	48.29	31.52	8.11	8.04	7.8	2.509	97.7	2.0	0.5
1282	5/2/2016 18:31:06	15.06	48.39	31.59	8.19	8.05	9.7	2.588	98.7	2.6	0.6
1283	5/2/2016 18:46:05	14.89	48.47	31.64	8.13	8.05	9.2	2.673	97.7	1.6	0.4
1284	5/2/2016 19:01:06	14.79	48.55	31.70	8.17	8.04	9.5	2.757	98.0	2.5	0.6
1285	5/2/2016 19:16:05	14.45	48.71	31.80	8.06	8.03	12.3	2.859	96.1	2.1	0.5
1286	5/2/2016 19:31:06	14.07	48.87	31.92	8.07	8.03	16.0	2.929	95.5	2.0	0.5
1287	5/2/2016 19:46:06	13.91	49.01	32.01	8.07	8.03	15.0	3.022	95.3	2.3	0.5
1288	5/2/2016 20:01:06	13.73	49.19	32.14	8.08	8.02	15.2	3.101	95.1	2.7	0.6
1289	5/2/2016 20:16:06	13.33	49.52	32.36	8.06	8.02	17.5	3.186	94.2	2.4	0.6
1290	5/2/2016 20:31:05	12.74	50.08	32.75	7.89	8.00	18.6	3.273	91.4	2.1	0.5
1291	5/2/2016 20:46:05	12.52	50.36	32.94	7.88	8.00	15.9	3.350	90.9	2.2	0.5
1292	5/2/2016 21:01:06	12.41	50.49	33.03	7.86	8.01	11.4	3.412	90.5	1.9	0.4
1293	5/2/2016 21:16:05	12.37	50.54	33.06	7.79	8.01	8.7	3.470	89.6	2.0	0.5
1294	5/2/2016 21:31:05	12.30	50.60	33.11	7.81	8.01	7.9	3.515	89.8	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
1295	5/2/2016 21:46:05	12.27	50.61	33.11	7.75	8.01	7.6	3.538	89.0	1.7	0.4
1296	5/2/2016 22:01:05	12.21	50.66	33.15	7.63	8.00	5.5	3.541	87.6	0.8	0.2
1297	5/2/2016 22:16:05	12.19	50.67	33.15	7.73	8.01	7.3	3.527	88.7	1.5	0.4
1298	5/2/2016 22:31:05	12.39	50.55	33.07	7.69	8.01	8.9	3.490	88.6	1.8	0.4
1299	5/2/2016 22:46:05	12.97	50.04	32.73	7.75	8.01	8.7	3.435	90.1	1.7	0.4
1300	5/2/2016 23:01:06	13.31	49.79	32.56	7.84	8.01	10.8	3.337	91.8	2.3	0.5
1301	5/2/2016 23:16:06	13.36	49.77	32.54	7.88	8.02	8.4	3.265	92.3	1.7	0.4
1302	5/2/2016 23:31:06	13.65	49.49	32.36	7.89	8.02	9.4	3.160	92.8	1.9	0.5
1303	5/2/2016 23:46:06	13.89	49.27	32.20	7.91	8.02	9.2	3.061	93.5	2.0	0.5
1304	5/3/2016 00:01:06	14.04	49.16	32.12	7.92	8.02	9.8	2.986	93.8	2.6	0.6
1305	5/3/2016 00:16:06	14.25	48.96	31.99	7.86	8.02	10.9	2.869	93.4	2.0	0.5
1306	5/3/2016 00:31:06	14.53	48.75	31.84	7.94	8.03	10.4	2.767	94.8	2.4	0.6
1307	5/3/2016 00:46:06	14.60	48.72	31.82	7.84	8.02	9.8	2.667	93.8	1.9	0.5
1308	5/3/2016 01:01:05	14.62	48.69	31.80	7.86	8.02	10.0	2.571	93.9	2.4	0.6
1309	5/3/2016 01:16:05	15.07	48.33	31.55	7.92	8.03	9.9	2.468	95.4	2.3	0.6
1310	5/3/2016 01:31:06	15.49	48.00	31.32	7.86	8.03	10.8	2.376	95.4	2.4	0.6
1311	5/3/2016 01:46:05	15.39	48.11	31.40	7.83	8.03	10.5	2.279	94.9	3.0	0.7
1312	5/3/2016 02:01:06	15.78	47.95	31.29	7.82	8.03	10.6	2.179	95.5	3.1	0.7
1313	5/3/2016 02:16:05	15.86	48.00	31.32	7.74	8.03	10.7	2.075	94.6	3.1	0.7
1314	5/3/2016 02:31:05	16.09	47.97	31.30	7.75	8.03	10.1	2.005	95.2	2.9	0.7
1315	5/3/2016 02:46:05	16.18	47.97	31.31	7.75	8.03	10.3	1.926	95.4	2.9	0.7
1316	5/3/2016 03:01:05	16.32	47.94	31.28	7.72	8.04	9.7	1.858	95.2	3.1	0.7
1317	5/3/2016 03:16:05	16.56	47.86	31.23	7.71	8.04	9.5	1.810	95.5	3.0	0.7
1318	5/3/2016 03:31:05	16.71	47.79	31.18	7.61	8.04	9.5	1.800	94.5	3.4	0.8
1319	5/3/2016 03:46:05	16.75	47.79	31.18	7.45	8.04	8.2	1.797	92.6	3.4	0.8
1320	5/3/2016 04:01:05	16.64	47.80	31.18	7.65	8.04	8.6	1.802	94.9	2.5	0.6
1321	5/3/2016 04:16:05	16.56	47.81	31.19	7.70	8.04	8.2	1.834	95.4	2.9	0.7
1322	5/3/2016 04:31:05	16.51	47.78	31.17	7.70	8.04	8.1	1.891	95.2	2.6	0.6
1323	5/3/2016 04:46:05	16.46	47.78	31.17	7.73	8.04	8.4	1.948	95.5	2.9	0.7
1324	5/3/2016 05:01:05	16.39	47.61	31.05	7.64	8.03	9.6	2.012	94.2	3.2	0.8
1325	5/3/2016 05:16:05	16.32	47.62	31.05	7.61	8.03	9.7	2.082	93.8	2.8	0.7
1326	5/3/2016 05:31:06	16.20	47.60	31.03	7.67	8.03	9.7	2.172	94.2	2.5	0.6
1327	5/3/2016 05:46:06	16.05	47.66	31.08	7.63	8.03	9.8	2.239	93.5	3.3	0.8
1328	5/3/2016 06:01:05	15.40	48.07	31.36	7.69	8.02	11.1	2.316	93.2	2.8	0.7
1329	5/3/2016 06:16:06	15.23	48.20	31.46	7.70	8.02	8.7	2.398	93.0	1.8	0.4
1330	5/3/2016 06:31:06	15.10	48.28	31.51	7.74	8.02	8.0	2.464	93.3	2.2	0.5
1331	5/3/2016 06:46:05	14.91	48.45	31.63	7.77	8.02	8.6	2.550	93.4	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
1332	5/3/2016 07:01:05	14.69	48.67	31.79	7.81	8.02	7.7	2.605	93.5	2.1	0.5
1333	5/3/2016 07:16:05	14.58	48.77	31.86	7.85	8.02	7.2	2.679	93.9	1.9	0.5
1334	5/3/2016 07:31:05	14.45	48.86	31.91	7.81	8.02	8.1	2.769	93.2	1.2	0.3
1335	5/3/2016 07:46:06	14.15	49.05	32.05	7.82	8.02	9.3	2.826	92.7	1.4	0.3
1336	5/3/2016 08:01:06	13.99	49.14	32.11	7.77	8.01	8.7	2.910	92.0	1.3	0.3
1337	5/3/2016 08:16:05	13.83	49.19	32.14	7.81	8.01	9.2	2.989	92.1	1.7	0.4
1338	5/3/2016 08:31:06	13.54	49.25	32.17	7.84	8.01	10.6	3.047	92.0	1.4	0.3
1339	5/3/2016 08:46:05	13.41	49.39	32.27	7.79	8.01	10.3	3.125	91.2	1.6	0.4
1340	5/3/2016 09:01:05	13.35	49.48	32.34	7.80	8.01	9.6	3.190	91.2	1.0	0.2
1341	5/3/2016 09:16:06	13.23	49.62	32.43	7.86	8.01	8.4	3.245	91.8	2.0	0.5
1342	5/3/2016 09:31:06	13.06	49.77	32.54	7.86	8.01	6.6	3.281	91.5	1.4	0.3
1343	5/3/2016 09:46:06	12.88	49.93	32.64	7.83	8.01	5.9	3.319	90.9	1.5	0.4
1344	5/3/2016 10:01:05	12.77	50.02	32.71	7.79	8.00	6.6	3.335	90.2	1.6	0.4
1345	5/3/2016 10:16:06	12.77	50.04	32.72	7.83	8.00	7.2	3.332	90.7	1.5	0.4
1346	5/3/2016 10:31:05	12.76	50.06	32.73	7.68	7.99	6.4	3.310	89.0	1.4	0.3
1347	5/3/2016 10:46:06	12.95	49.92	32.64	7.78	8.00	9.5	3.260	90.4	1.6	0.4
1348	5/3/2016 11:01:06	13.40	49.55	32.39	7.74	8.01	9.2	3.191	90.7	1.7	0.4
1349	5/3/2016 11:16:06	13.71	49.33	32.23	7.96	8.02	9.0	3.124	93.7	1.3	0.3
1350	5/3/2016 11:31:06	13.62	49.45	32.32	8.00	8.03	9.2	3.022	94.0	1.5	0.4
1351	5/3/2016 11:46:06	14.20	48.99	32.01	7.87	8.02	9.8	2.944	93.4	1.6	0.4
1352	5/3/2016 12:01:05	14.36	48.90	31.94	7.81	8.02	8.6	2.855	93.0	1.8	0.4
1353	5/3/2016 12:16:05	14.51	48.83	31.90	7.89	8.02	10.3	2.743	94.2	2.2	0.5
1354	5/3/2016 12:31:05	14.77	48.68	31.80	7.87	8.04	10.3	2.659	94.4	1.8	0.4
1355	5/3/2016 12:46:05	14.94	48.55	31.70	7.96	8.04	8.2	2.562	95.7	2.0	0.5
1356	5/3/2016 13:01:05	15.27	48.29	31.52	7.99	8.04	9.4	2.453	96.6	2.1	0.5
1357	5/3/2016 13:16:05	15.40	48.21	31.47	8.05	8.05	8.9	2.355	97.6	2.3	0.5
1358	5/3/2016 13:31:06	15.35	48.36	31.57	8.23	8.07	9.1	2.238	99.7	2.3	0.6
1359	5/3/2016 13:46:06	15.60	48.31	31.54	8.28	8.07	10.3	2.136	100.9	2.6	0.6
1360	5/3/2016 14:01:05	15.71	48.31	31.55	8.23	8.07	10.9	2.046	100.5	2.8	0.7
1361	5/3/2016 14:16:05	15.89	48.24	31.49	8.28	8.08	10.5	1.942	101.3	3.3	0.8
1362	5/3/2016 14:31:06	15.99	48.24	31.50	8.31	8.10	10.3	1.838	102.0	2.7	0.6
1363	5/3/2016 14:46:06	16.18	48.08	31.38	8.06	8.08	10.1	1.788	99.2	3.2	0.8
1364	5/3/2016 15:01:05	16.30	48.00	31.33	8.00	8.08	9.6	1.717	98.7	3.0	0.7
1365	5/3/2016 15:16:05	16.41	47.92	31.27	7.98	8.07	9.4	1.659	98.6	3.6	0.8
1366	5/3/2016 15:31:05	16.44	47.88	31.25	7.83	8.07	9.8	1.640	96.8	3.8	0.9
1367	5/3/2016 15:46:06	16.46	47.86	31.23	7.62	8.06	37.7	1.640	94.2	3.5	0.8
1368	5/3/2016 16:01:06	16.42	47.89	31.25	7.89	8.07	9.5	1.657	97.4	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
1369	5/3/2016 16:16:05	16.37	47.88	31.24	7.86	8.06	9.3	1.674	97.0	3.9	0.9
1370	5/3/2016 16:31:05	16.36	47.88	31.24	7.82	8.05	10.1	1.733	96.4	3.4	0.8
1371	5/3/2016 16:46:05	16.33	47.88	31.24	7.80	8.05	12.0	1.821	96.2	3.2	0.8
1372	5/3/2016 17:01:05	16.32	47.75	31.15	7.77	8.04	13.1	1.895	95.7	3.6	0.9
1373	5/3/2016 17:16:05	16.31	47.68	31.09	7.78	8.04	12.2	1.961	95.8	3.6	0.8
1374	5/3/2016 17:31:05	16.25	47.66	31.08	7.76	8.04	12.5	2.060	95.5	3.5	0.8
1375	5/3/2016 17:46:05	16.11	47.69	31.10	7.72	8.04	13.1	2.159	94.7	3.4	0.8
1376	5/3/2016 18:01:06	15.63	48.00	31.32	7.79	8.03	12.2	2.224	94.8	2.7	0.6
1377	5/3/2016 18:16:06	15.37	48.17	31.44	7.77	8.03	9.4	2.317	94.1	3.1	0.7
1378	5/3/2016 18:31:06	15.22	48.25	31.50	7.86	8.03	9.9	2.423	95.0	20.8	4.9
1379	5/3/2016 18:46:06	14.88	48.56	31.71	7.92	8.04	9.9	2.502	95.2	5.5	1.3
1380	5/3/2016 19:01:06	14.74	48.68	31.80	7.90	8.03	8.6	2.601	94.7	10.5	2.5
1381	5/3/2016 19:16:06	14.72	48.70	31.81	7.92	8.03	9.4	2.692	94.9	2.6	0.6
1382	5/3/2016 19:31:06	14.56	48.79	31.87	7.93	8.03	11.4	2.780	94.7	2.2	0.5
1383	5/3/2016 19:46:06	14.27	48.97	31.99	7.87	8.02	15.6	2.875	93.6	3.1	0.7
1384	5/3/2016 20:01:05	13.93	49.03	32.03	7.96	8.02	21.3	2.974	94.1	3.0	0.7
1385	5/3/2016 20:16:06	13.65	49.19	32.13	8.07	8.02	21.4	3.075	94.9	3.2	0.7
1386	5/3/2016 20:31:05	13.34	49.50	32.35	8.11	8.03	19.0	3.174	94.8	3.1	0.7
1387	5/3/2016 20:46:05	12.89	49.90	32.62	8.31	8.04	19.5	3.276	96.4	3.9	0.9
1388	5/3/2016 21:01:06	12.62	50.14	32.79	8.46	8.06	21.6	3.373	97.7	4.6	1.1
1389	5/3/2016 21:16:05	12.50	50.26	32.87	8.55	8.07	18.4	3.461	98.6	5.5	1.3
1390	5/3/2016 21:31:05	12.41	50.34	32.93	8.55	8.08	16.9	3.545	98.4	5.6	1.3
1391	5/3/2016 21:46:05	12.30	50.42	32.97	8.63	8.09	17.2	3.623	99.2	6.2	1.5
1392	5/3/2016 22:01:05	12.20	50.50	33.03	8.70	8.10	10.8	3.679	99.7	7.5	1.8
1393	5/3/2016 22:16:05	12.11	50.56	33.07	8.82	8.11	6.6	3.719	101.0	7.0	1.7
1394	5/3/2016 22:31:05	12.08	50.59	33.09	8.79	8.11	5.8	3.741	100.6	8.4	2.0
1395	5/3/2016 22:46:05	12.26	50.47	33.01	8.62	8.10	7.3	3.745	99.0	6.1	1.4
1396	5/3/2016 23:01:05	12.16	50.54	33.06	8.70	8.10	7.6	3.702	99.7	4.3	1.0
1397	5/3/2016 23:16:06	12.54	50.24	32.85	8.53	8.08	8.1	3.656	98.4	4.2	1.0
1398	5/3/2016 23:31:05	13.02	49.80	32.55	8.23	8.05	9.8	3.575	95.7	3.2	0.8
1399	5/3/2016 23:46:06	12.83	50.03	32.72	8.40	8.07	11.1	3.463	97.5	3.6	0.9
1400	5/4/2016 00:01:05	13.12	49.82	32.57	8.25	8.06	8.3	3.367	96.2	3.9	0.9
1401	5/4/2016 00:16:06	13.46	49.53	32.37	8.07	8.04	11.2	3.266	94.6	3.4	0.8
1402	5/4/2016 00:31:06	13.64	49.32	32.23	7.99	8.03	13.6	3.144	94.0	3.6	0.9
1403	5/4/2016 00:46:06	13.70	49.27	32.19	7.97	8.03	11.8	3.021	93.8	3.0	0.7
1404	5/4/2016 01:01:06	13.89	49.10	32.07	7.85	8.02	11.7	2.912	92.7	2.5	0.6
1405	5/4/2016 01:16:06	14.00	49.04	32.03	7.86	8.02	12.2	2.808	93.0	2.8	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
1406	5/4/2016 01:31:06	13.85	49.19	32.14	7.94	8.03	11.9	2.674	93.7	2.7	0.6
1407	5/4/2016 01:46:05	14.12	49.02	32.02	7.87	8.02	11.4	2.546	93.3	2.4	0.6
1408	5/4/2016 02:01:06	14.29	48.90	31.94	7.81	8.02	10.9	2.458	92.8	2.6	0.6
1409	5/4/2016 02:16:06	14.75	48.55	31.70	7.70	8.02	14.0	2.309	92.2	2.5	0.6
1410	5/4/2016 02:31:06	14.88	48.45	31.63	7.64	8.02	13.1	2.192	91.8	2.8	0.7
1411	5/4/2016 02:46:06	14.92	48.43	31.62	7.65	8.02	13.2	2.081	91.9	2.7	0.6
1412	5/4/2016 03:01:06	15.09	48.33	31.54	7.53	8.02	14.1	1.959	90.8	10.1	2.4
1413	5/4/2016 03:16:06	15.29	48.21	31.47	7.55	8.02	14.4	1.827	91.3	3.3	0.8
1414	5/4/2016 03:31:05	15.34	48.18	31.45	7.47	8.02	14.5	1.742	90.5	3.1	0.7
1415	5/4/2016 03:46:05	15.41	48.13	31.41	7.47	8.02	14.7	1.657	90.5	3.3	0.8
1416	5/4/2016 04:01:05	15.52	48.05	31.35	7.39	8.02	13.4	1.572	89.7	3.0	0.7
1417	5/4/2016 04:16:05	15.66	47.95	31.28	7.42	8.02	12.8	1.535	90.3	3.6	0.8
1418	5/4/2016 04:31:06	15.75	47.92	31.27	7.35	8.02	12.5	1.521	89.6	3.2	0.8
1419	5/4/2016 04:46:06	15.66	47.96	31.29	7.39	8.03	11.7	1.527	89.9	3.3	0.8
1420	5/4/2016 05:01:05	15.67	47.94	31.27	7.45	8.02	10.8	1.540	90.7	3.1	0.7
1421	5/4/2016 05:16:05	15.71	47.93	31.27	7.46	8.03	12.0	1.611	90.9	3.0	0.7
1422	5/4/2016 05:31:05	15.74	47.90	31.25	7.47	8.02	11.5	1.669	91.1	3.2	0.8
1423	5/4/2016 05:46:05	15.68	47.56	31.00	7.39	8.01	13.3	1.752	89.8	3.9	0.9
1424	5/4/2016 06:01:05	15.66	47.59	31.02	7.38	8.01	13.1	1.844	89.7	2.5	0.6
1425	5/4/2016 06:16:06	15.60	47.52	30.97	7.35	8.01	14.9	1.941	89.2	3.4	0.8
1426	5/4/2016 06:31:06	15.54	47.67	31.08	7.33	8.01	16.0	2.023	88.8	3.1	0.7
1427	5/4/2016 06:46:06	15.26	47.95	31.28	7.38	8.01	17.4	2.103	89.2	3.0	0.7
1428	5/4/2016 07:01:05	15.10	48.05	31.35	7.41	8.00	11.9	2.200	89.3	2.5	0.6
1429	5/4/2016 07:16:06	14.67	48.54	31.69	7.59	8.01	11.9	2.295	90.8	1.9	0.5
1430	5/4/2016 07:31:06	14.53	48.68	31.78	7.70	8.02	10.2	2.371	91.9	2.1	0.5
1431	5/4/2016 07:46:05	14.45	48.76	31.85	7.69	8.02	9.0	2.465	91.7	2.1	0.5
1432	5/4/2016 08:01:06	14.39	48.83	31.89	7.76	8.02	9.4	2.558	92.4	2.0	0.5
1433	5/4/2016 08:16:06	14.29	48.89	31.94	7.78	8.02	10.9	2.638	92.5	2.2	0.5
1434	5/4/2016 08:31:05	14.11	49.02	32.02	7.76	8.02	11.5	2.731	92.0	2.3	0.6
1435	5/4/2016 08:46:06	13.99	49.09	32.07	7.82	8.02	11.4	2.812	92.5	2.6	0.6
1436	5/4/2016 09:01:06	13.76	49.19	32.14	7.82	8.02	16.1	2.904	92.1	2.0	0.5
	Mean	15.01	47.95	31.26	7.99	8.08	11.33	2.59	95.99	3.11	0.74
	Minimum	12.08	45.88	29.79	6.99	7.99	2.10	1.38	86.40	0.50	0.10
	Maximum	19.04	50.67	33.15	9.30	8.23	230.40	3.75	110.10	20.80	4.90

sonde #2

Indian Island Long-Term Deployment Water Quality Data

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

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 #1

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	5/4/2016 09:21:39	13.62	46.74	30.36	7.77	7.84	15.8	3.076	90.3	3.4	0.8
1	5/4/2016 09:36:40	13.34	47.11	30.61	7.88	7.86	15.5	3.147	91.2	3.7	0.9
2	5/4/2016 09:51:40	12.99	47.36	30.78	7.99	7.88	16.0	3.235	91.9	4.1	1.0
3	5/4/2016 10:06:40	12.83	47.46	30.85	8.06	7.90	13.3	3.311	92.4	4.9	1.2
4	5/4/2016 10:21:40	12.66	47.65	30.98	8.16	7.92	12.0	3.380	93.3	5.5	1.3
5	5/4/2016 10:36:40	12.57	47.69	31.01	8.20	7.93	9.5	3.419	93.6	4.7	1.1
6	5/4/2016 10:51:40	12.56	47.65	30.98	8.18	7.93	7.2	3.468	93.4	5.7	1.3
7	5/4/2016 11:06:40	12.56	47.78	31.07	8.10	7.94	5.7	3.485	92.5	5.4	1.3
8	5/4/2016 11:21:40	12.52	47.82	31.10	7.99	7.94	5.4	3.490	91.1	4.5	1.1
9	5/4/2016 11:36:40	12.53	47.67	30.99	8.09	7.94	6.7	3.443	92.2	4.7	1.1
10	5/4/2016 11:51:40	12.59	47.79	31.08	8.12	7.95	9.5	3.395	92.7	4.4	1.0
11	5/4/2016 12:06:41	13.46	47.30	30.75	8.09	7.94	11.3	3.339	93.8	3.8	0.9
12	5/4/2016 12:21:40	13.99	47.14	30.66	8.32	7.95	8.7	3.243	97.6	3.9	0.9
13	5/4/2016 12:36:40	14.06	47.11	30.63	8.27	7.95	9.2	3.120	97.1	3.5	0.8
14	5/4/2016 12:51:40	14.53	46.75	30.39	8.00	7.93	10.4	3.038	94.7	3.1	0.7
15	5/4/2016 13:06:40	14.64	46.65	30.32	8.00	7.93	10.0	2.940	94.9	3.3	0.8
16	5/4/2016 13:21:40	14.92	46.57	30.27	7.98	7.94	10.6	2.823	95.1	3.3	0.8
17	5/4/2016 13:36:40	15.03	46.55	30.25	8.01	7.94	10.4	2.720	95.7	2.7	0.6
18	5/4/2016 13:51:40	15.22	46.39	30.14	8.01	7.95	8.5	2.621	96.0	2.6	0.6
19	5/4/2016 14:06:40	15.65	46.22	30.03	8.12	7.96	9.2	2.525	98.1	2.3	0.5
20	5/4/2016 14:21:40	15.71	46.24	30.04	7.96	7.96	9.3	2.415	96.2	2.6	0.6
21	5/4/2016 14:36:40	15.94	46.18	30.00	8.08	7.98	9.3	2.306	98.1	2.5	0.6
22	5/4/2016 14:51:40	15.98	45.91	29.81	7.77	7.95	11.0	2.202	94.4	2.9	0.7
23	5/4/2016 15:06:40	16.17	46.00	29.87	8.01	7.98	10.4	2.114	97.6	2.9	0.7
24	5/4/2016 15:21:40	16.26	45.85	29.77	7.74	7.96	12.0	2.004	94.5	3.0	0.7
25	5/4/2016 15:36:40	16.40	45.79	29.73	7.76	7.96	12.0	1.917	94.9	2.9	0.7
26	5/4/2016 15:51:40	16.50	45.84	29.77	8.14	8.00	11.0	1.831	99.8	3.1	0.7
27	5/4/2016 16:06:40	16.52	45.80	29.74	7.88	7.99	12.0	1.775	96.6	3.7	0.9
28	5/4/2016 16:21:40	16.59	45.72	29.68	7.76	7.98	11.3	1.742	95.2	2.9	0.7
29	5/4/2016 16:36:40	16.64	45.66	29.64	7.51	7.96	9.6	1.704	92.2	3.0	0.7
30	5/4/2016 16:51:39	16.64	45.63	29.62	7.59	7.96	9.4	1.731	93.2	3.7	0.9
31	5/4/2016 17:06:39	16.56	45.58	29.58	7.63	7.96	10.7	1.772	93.6	3.8	0.9
32	5/4/2016 17:21:39	16.51	45.70	29.67	7.50	7.94	11.1	1.821	92.0	3.2	0.8
33	5/4/2016 17:36:40	16.55	45.69	29.66	7.54	7.94	9.8	1.882	92.5	3.7	0.9
34	5/4/2016 17:51:39	16.63	45.32	29.40	7.70	7.95	11.5	1.984	94.4	3.5	0.8
35	5/4/2016 18:06:40	16.57	45.30	29.38	7.66	7.94	12.3	2.082	93.9	3.1	0.7
36	5/4/2016 18:21:40	16.24	45.65	29.63	7.62	7.94	13.4	2.181	92.9	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	5/4/2016 18:36:40	15.90	45.89	29.80	7.67	7.94	12.2	2.285	93.0	3.0	0.7
38	5/4/2016 18:51:40	15.62	46.01	29.88	7.72	7.94	10.4	2.373	93.1	2.6	0.6
39	5/4/2016 19:06:40	15.19	46.15	29.97	7.73	7.94	10.6	2.481	92.5	3.1	0.7
40	5/4/2016 19:21:40	15.05	46.32	30.09	7.72	7.94	10.0	2.583	92.2	3.0	0.7
41	5/4/2016 19:36:40	15.02	46.27	30.05	7.77	7.94	10.1	2.672	92.7	3.7	0.9
42	5/4/2016 19:51:40	14.94	46.49	30.21	7.81	7.95	10.8	2.765	93.1	3.5	0.8
43	5/4/2016 20:06:40	14.75	46.50	30.22	7.87	7.95	11.5	2.876	93.5	3.7	0.9
44	5/4/2016 20:21:40	14.51	46.62	30.30	7.87	7.95	13.9	2.969	93.1	3.0	0.7
45	5/4/2016 20:36:40	14.11	46.91	30.49	8.02	7.97	20.9	3.084	94.2	4.3	1.0
46	5/4/2016 20:51:40	13.83	47.04	30.58	8.07	7.98	20.3	3.183	94.3	5.6	1.3
47	5/4/2016 21:06:40	13.44	47.38	30.81	8.12	7.99	19.8	3.299	94.3	6.5	1.5
48	5/4/2016 21:21:40	12.75	47.78	31.08	8.18	8.00	19.5	3.421	93.7	6.9	1.6
49	5/4/2016 21:36:41	12.46	48.09	31.29	8.23	8.01	22.7	3.519	93.8	8.4	2.0
50	5/4/2016 21:51:41	12.35	48.15	31.33	8.29	8.02	17.2	3.626	94.4	9.1	2.1
51	5/4/2016 22:06:40	12.10	48.23	31.37	8.24	8.02	18.0	3.731	93.3	9.5	2.2
52	5/4/2016 22:21:40	11.86	48.38	31.48	8.13	8.02	12.5	3.805	91.6	9.0	2.1
53	5/4/2016 22:36:40	11.73	48.49	31.54	8.05	8.02	8.4	3.871	90.5	8.2	1.9
54	5/4/2016 22:51:40	11.58	48.45	31.51	8.03	8.02	7.0	3.936	90.0	8.5	2.0
55	5/4/2016 23:06:40	11.51	48.59	31.61	8.06	8.03	5.3	3.962	90.2	8.9	2.1
56	5/4/2016 23:21:40	11.72	48.29	31.41	7.90	8.02	5.1	3.969	88.8	10.2	2.4
57	5/4/2016 23:36:40	11.63	48.53	31.57	7.97	8.02	6.1	3.945	89.4	7.1	1.7
58	5/4/2016 23:51:40	11.71	48.51	31.56	7.95	8.02	9.7	3.897	89.4	7.3	1.7
59	5/5/2016 00:06:40	12.20	48.18	31.34	8.03	8.01	10.5	3.826	91.1	6.5	1.5
60	5/5/2016 00:21:40	12.05	48.24	31.38	8.00	8.01	8.6	3.723	90.5	6.6	1.6
61	5/5/2016 00:36:40	12.90	47.69	31.02	7.90	8.00	7.9	3.611	90.8	5.0	1.2
62	5/5/2016 00:51:40	12.96	47.60	30.95	7.94	8.00	9.2	3.498	91.3	5.4	1.3
63	5/5/2016 01:06:40	13.42	47.37	30.80	7.90	7.99	15.8	3.374	91.6	5.7	1.3
64	5/5/2016 01:21:40	13.64	47.25	30.72	7.86	7.98	13.3	3.239	91.6	4.6	1.1
65	5/5/2016 01:36:40	13.72	47.15	30.66	7.84	7.98	15.1	3.120	91.4	5.1	1.2
66	5/5/2016 01:51:40	13.88	47.05	30.59	7.79	7.97	13.4	2.981	91.1	4.4	1.0
67	5/5/2016 02:06:40	14.36	46.75	30.38	7.71	7.96	12.2	2.840	91.0	3.1	0.7
68	5/5/2016 02:21:40	14.12	46.84	30.44	7.72	7.96	12.5	2.732	90.6	4.0	0.9
69	5/5/2016 02:36:40	14.07	46.86	30.45	7.68	7.96	13.3	2.582	90.1	4.0	1.0
70	5/5/2016 02:51:40	14.40	46.67	30.33	7.61	7.96	11.5	2.450	89.8	3.6	0.9
71	5/5/2016 03:06:40	14.87	46.35	30.11	7.50	7.95	12.3	2.312	89.2	3.3	0.8
72	5/5/2016 03:21:40	14.79	46.35	30.10	7.47	7.94	14.0	2.154	88.7	3.6	0.8
73	5/5/2016 03:36:40	15.45	45.82	29.74	7.34	7.93	16.8	2.029	88.1	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	5/5/2016 03:51:40	15.41	46.06	29.91	7.30	7.93	16.5	1.898	87.7	3.0	0.7
75	5/5/2016 04:06:40	15.46	46.06	29.91	7.26	7.93	15.7	1.746	87.3	3.5	0.8
76	5/5/2016 04:21:40	15.61	45.90	29.80	7.26	7.93	15.9	1.620	87.4	2.9	0.7
77	5/5/2016 04:36:40	15.81	45.81	29.73	7.23	7.93	15.4	1.502	87.4	3.0	0.7
78	5/5/2016 04:51:40	15.92	45.65	29.62	7.22	7.93	14.0	1.423	87.5	3.1	0.7
79	5/5/2016 05:06:40	16.00	45.66	29.63	7.16	7.93	17.8	1.350	86.9	3.2	0.8
80	5/5/2016 05:21:40	16.02	45.67	29.63	7.03	7.93	12.4	1.310	85.3	3.4	0.8
81	5/5/2016 05:36:40	15.98	45.69	29.65	7.16	7.93	13.2	1.321	86.9	3.2	0.8
82	5/5/2016 05:51:40	15.95	45.74	29.69	7.23	7.93	11.9	1.370	87.7	3.3	0.8
83	5/5/2016 06:06:40	15.95	45.67	29.64	7.24	7.93	10.9	1.416	87.8	2.5	0.6
84	5/5/2016 06:21:40	15.98	45.69	29.65	7.25	7.93	10.8	1.494	87.9	1.9	0.5
85	5/5/2016 06:36:40	16.00	45.22	29.31	7.19	7.92	13.0	1.602	87.1	3.0	0.7
86	5/5/2016 06:51:40	15.97	45.32	29.38	7.18	7.92	13.1	1.702	86.9	2.6	0.6
87	5/5/2016 07:06:41	15.60	45.39	29.43	7.20	7.91	14.5	1.795	86.5	3.2	0.7
88	5/5/2016 07:21:40	15.91	45.18	29.28	7.14	7.91	15.8	1.893	86.3	2.7	0.6
89	5/5/2016 07:36:40	15.82	45.50	29.51	7.14	7.91	14.9	1.991	86.2	2.8	0.7
90	5/5/2016 07:51:40	15.60	45.78	29.71	7.19	7.92	12.6	2.098	86.6	2.8	0.7
91	5/5/2016 08:06:40	15.11	46.14	29.96	7.37	7.93	11.7	2.203	88.1	2.9	0.7
92	5/5/2016 08:21:40	15.02	46.29	30.07	7.46	7.94	10.7	2.297	89.0	2.4	0.6
93	5/5/2016 08:36:40	14.98	46.36	30.12	7.48	7.94	9.7	2.400	89.2	2.8	0.7
94	5/5/2016 08:51:40	14.90	46.54	30.24	7.52	7.94	10.2	2.513	89.6	2.9	0.7
95	5/5/2016 09:06:40	14.74	46.57	30.26	7.52	7.94	11.4	2.608	89.3	3.1	0.7
96	5/5/2016 09:21:41	14.10	47.07	30.61	7.62	7.94	12.8	2.702	89.6	3.1	0.7
97	5/5/2016 09:36:40	14.43	46.66	30.32	7.55	7.94	14.1	2.807	89.2	3.1	0.7
98	5/5/2016 09:51:40	14.10	46.75	30.38	7.61	7.95	18.5	2.905	89.3	3.6	0.8
99	5/5/2016 10:06:41	13.52	47.48	30.89	7.72	7.95	17.3	2.996	89.8	3.7	0.9
100	5/5/2016 10:21:41	13.10	47.74	31.06	7.80	7.96	18.0	3.095	90.1	4.8	1.1
101	5/5/2016 10:36:40	12.93	47.67	31.01	7.82	7.98	17.4	3.181	89.9	5.8	1.4
102	5/5/2016 10:51:40	12.70	47.81	31.10	7.83	7.99	17.7	3.274	89.7	5.6	1.3
103	5/5/2016 11:06:40	12.61	47.92	31.18	7.81	7.99	20.4	3.361	89.3	5.2	1.2
104	5/5/2016 11:21:40	12.47	48.01	31.24	7.79	7.99	18.4	3.423	88.9	5.7	1.3
105	5/5/2016 11:36:40	12.26	48.13	31.31	7.73	7.99	14.5	3.477	87.8	5.2	1.2
106	5/5/2016 11:51:40	12.05	48.12	31.30	7.67	7.99	9.2	3.525	86.7	6.1	1.4
107	5/5/2016 12:06:40	11.92	48.27	31.40	7.59	7.99	6.1	3.538	85.6	5.5	1.3
108	5/5/2016 12:21:40	11.89	48.41	31.50	7.48	7.99	6.7	3.536	84.3	5.7	1.3
109	5/5/2016 12:36:41	11.52	48.86	31.80	7.71	8.00	10.1	3.487	86.5	5.2	1.2
110	5/5/2016 12:51:40	12.42	48.01	31.23	7.72	8.00	14.1	3.421	87.9	4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	5/5/2016 13:06:40	13.10	47.82	31.12	7.99	8.01	15.8	3.355	92.3	5.0	1.2
112	5/5/2016 13:21:40	13.04	47.89	31.17	8.19	8.03	9.4	3.245	94.5	5.5	1.3
113	5/5/2016 13:36:40	13.79	47.40	30.84	8.03	8.01	14.4	3.140	93.8	4.3	1.0
114	5/5/2016 13:51:40	14.10	47.11	30.64	7.91	7.99	12.7	3.036	93.0	4.3	1.0
115	5/5/2016 14:06:40	14.28	46.96	30.53	7.97	7.99	11.7	2.931	93.9	4.1	1.0
116	5/5/2016 14:21:40	14.62	46.77	30.40	7.92	7.99	13.1	2.829	93.9	4.0	1.0
117	5/5/2016 14:36:40	14.60	46.78	30.41	7.95	7.99	10.7	2.726	94.2	3.5	0.8
118	5/5/2016 14:51:40	14.81	46.75	30.40	8.02	7.99	11.2	2.610	95.5	3.2	0.7
119	5/5/2016 15:06:40	14.92	46.66	30.33	8.11	8.00	10.6	2.511	96.8	3.4	0.8
120	5/5/2016 15:21:40	15.08	46.57	30.27	8.00	8.00	10.1	2.404	95.7	3.4	0.8
121	5/5/2016 15:36:40	15.33	46.35	30.11	7.98	7.99	11.0	2.289	95.8	3.0	0.7
122	5/5/2016 15:51:40	15.45	46.30	30.08	7.84	7.98	12.2	2.180	94.4	3.6	0.8
123	5/5/2016 16:06:40	15.67	46.12	29.96	7.76	7.97	12.1	2.089	93.8	3.7	0.9
124	5/5/2016 16:21:40	15.60	46.21	30.02	7.97	8.00	11.7	1.999	96.2	3.1	0.7
125	5/5/2016 16:36:40	15.79	46.12	29.96	7.88	7.99	12.8	1.894	95.3	3.2	0.8
126	5/5/2016 16:51:40	15.83	46.07	29.92	7.84	8.00	12.0	1.834	94.9	3.5	0.8
127	5/5/2016 17:06:40	15.89	46.06	29.92	7.65	7.98	12.2	1.788	92.7	3.7	0.9
128	5/5/2016 17:21:40	16.03	45.95	29.84	7.42	7.96	11.4	1.771	90.2	3.0	0.7
129	5/5/2016 17:36:40	16.05	45.96	29.85	7.19	7.94	9.2	1.765	87.4	3.3	0.8
130	5/5/2016 17:51:40	16.00	45.88	29.79	7.54	7.96	11.1	1.796	91.5	4.1	1.0
131	5/5/2016 18:06:40	15.98	45.86	29.78	7.48	7.95	11.6	1.855	90.8	3.9	0.9
132	5/5/2016 18:21:40	15.99	45.83	29.75	7.46	7.94	10.9	1.928	90.6	3.3	0.8
133	5/5/2016 18:36:39	15.93	45.86	29.77	7.44	7.94	12.0	2.011	90.2	3.9	0.9
134	5/5/2016 18:51:40	15.95	45.61	29.60	7.62	7.95	12.8	2.118	92.3	3.4	0.8
135	5/5/2016 19:06:40	15.76	45.89	29.79	7.56	7.94	14.2	2.214	91.4	3.7	0.9
136	5/5/2016 19:21:40	15.64	46.02	29.88	7.56	7.95	13.0	2.318	91.2	3.9	0.9
137	5/5/2016 19:36:40	15.29	46.25	30.04	7.69	7.95	12.5	2.424	92.3	3.2	0.8
138	5/5/2016 19:51:40	14.83	46.67	30.34	7.73	7.96	12.6	2.529	92.0	4.0	0.9
139	5/5/2016 20:06:40	14.68	46.79	30.42	7.76	7.96	12.5	2.633	92.2	3.3	0.8
140	5/5/2016 20:21:40	14.58	46.82	30.44	7.81	7.97	12.0	2.740	92.6	3.7	0.9
141	5/5/2016 20:36:40	14.49	46.82	30.44	7.84	7.97	12.5	2.835	92.8	4.2	1.0
142	5/5/2016 20:51:40	14.24	46.92	30.51	7.88	7.98	14.2	2.937	92.8	4.9	1.2
143	5/5/2016 21:06:40	14.07	47.12	30.64	7.84	7.98	15.4	3.050	92.1	4.8	1.1
144	5/5/2016 21:21:40	13.56	47.34	30.79	7.92	7.99	19.6	3.161	92.2	5.2	1.2
145	5/5/2016 21:36:40	13.25	47.59	30.96	7.93	7.99	19.0	3.276	91.8	5.4	1.3
146	5/5/2016 21:51:40	12.64	47.99	31.22	8.02	8.01	19.1	3.398	91.8	7.1	1.7
147	5/5/2016 22:06:40	12.35	48.11	31.30	8.09	8.02	23.0	3.510	92.0	8.2	1.9

sonde #1

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	5/5/2016 22:21:40	12.17	48.31	31.44	8.17	8.03	20.7	3.626	92.7	9.2	2.2
149	5/5/2016 22:36:40	12.04	48.31	31.44	8.23	8.03	15.4	3.725	93.2	8.8	2.1
150	5/5/2016 22:51:40	11.90	48.47	31.54	8.27	8.04	15.6	3.828	93.3	9.6	2.3
151	5/5/2016 23:06:40	11.79	48.42	31.50	8.30	8.04	11.6	3.912	93.5	9.1	2.1
152	5/5/2016 23:21:41	10.98	49.44	32.19	8.41	8.05	8.9	3.973	93.5	10.7	2.5
153	5/5/2016 23:36:40	11.51	48.59	31.61	8.19	8.04	6.1	4.020	91.8	10.4	2.4
154	5/5/2016 23:51:40	11.50	48.56	31.59	8.13	8.04	5.3	4.053	91.0	10.1	2.4
155	5/6/2016 00:06:40	11.76	48.56	31.60	8.13	8.04	7.3	4.057	91.6	9.4	2.2
156	5/6/2016 00:21:40	11.85	48.43	31.51	8.03	8.03	8.1	4.034	90.5	6.8	1.6
157	5/6/2016 00:36:40	11.71	48.58	31.61	8.06	8.04	7.2	3.983	90.7	7.8	1.8
158	5/6/2016 00:51:40	12.00	48.41	31.50	8.16	8.04	10.1	3.884	92.3	8.4	2.0
159	5/6/2016 01:06:40	11.60	48.51	31.56	8.27	8.05	9.4	3.768	92.8	9.4	2.2
160	5/6/2016 01:21:40	12.36	48.16	31.34	8.07	8.03	8.6	3.659	91.9	6.1	1.4
161	5/6/2016 01:36:40	13.09	47.66	31.00	7.84	8.00	15.5	3.533	90.5	5.8	1.4
162	5/6/2016 01:51:40	13.01	47.60	30.96	7.85	8.00	14.1	3.395	90.4	4.9	1.2
163	5/6/2016 02:06:40	13.40	47.41	30.83	7.74	7.99	11.9	3.266	89.8	4.6	1.1
164	5/6/2016 02:21:40	13.52	47.29	30.75	7.71	7.99	15.3	3.124	89.5	4.4	1.0
165	5/6/2016 02:36:40	13.65	47.29	30.76	7.66	7.98	14.0	2.984	89.3	4.4	1.0
166	5/6/2016 02:51:40	13.71	47.24	30.72	7.65	7.98	15.0	2.839	89.2	4.3	1.0
167	5/6/2016 03:06:40	13.75	47.24	30.72	7.63	7.98	12.6	2.692	89.0	3.7	0.9
168	5/6/2016 03:21:40	13.86	46.91	30.49	7.60	7.97	13.7	2.529	88.8	4.1	1.0
169	5/6/2016 03:36:40	14.29	46.76	30.39	7.49	7.96	13.8	2.386	88.2	3.7	0.9
170	5/6/2016 03:51:40	14.26	46.73	30.36	7.45	7.96	14.1	2.221	87.7	3.7	0.9
171	5/6/2016 04:06:40	14.33	46.70	30.35	7.39	7.95	16.8	2.056	87.1	3.5	0.8
172	5/6/2016 04:21:40	14.72	46.40	30.14	7.27	7.95	18.0	1.910	86.3	3.5	0.8
173	5/6/2016 04:36:40	14.86	46.36	30.12	7.24	7.94	20.1	1.744	86.2	3.7	0.9
174	5/6/2016 04:51:40	15.10	46.16	29.97	7.22	7.94	19.4	1.582	86.2	3.8	0.9
175	5/6/2016 05:06:40	15.16	46.15	29.97	7.21	7.94	18.0	1.425	86.2	3.2	0.8
176	5/6/2016 05:21:40	15.19	46.08	29.92	7.19	7.94	17.0	1.300	86.0	3.0	0.7
177	5/6/2016 05:36:40	15.27	46.07	29.91	7.13	7.94	19.2	1.180	85.4	3.4	0.8
178	5/6/2016 05:51:40	15.32	46.00	29.86	7.08	7.93	18.0	1.090	84.8	3.3	0.8
179	5/6/2016 06:06:40	15.35	45.86	29.76	6.98	7.93	14.7	1.036	83.6	3.9	0.9
180	5/6/2016 06:21:40	15.24	45.99	29.86	7.04	7.93	14.8	1.043	84.2	3.1	0.7
181	5/6/2016 06:36:40	15.25	46.02	29.88	7.14	7.93	12.4	1.115	85.4	3.0	0.7
182	5/6/2016 06:51:40	15.29	45.99	29.86	7.15	7.93	12.1	1.204	85.6	2.4	0.6
183	5/6/2016 07:06:40	15.30	46.03	29.88	7.18	7.93	12.0	1.316	86.0	2.6	0.6
184	5/6/2016 07:21:41	14.61	46.24	30.02	7.24	7.92	14.5	1.404	85.6	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	5/6/2016 07:36:40	15.25	45.69	29.64	7.11	7.92	14.2	1.502	85.0	2.7	0.6
186	5/6/2016 07:51:40	15.23	45.40	29.43	7.05	7.91	16.6	1.600	84.1	3.4	0.8
187	5/6/2016 08:06:40	15.21	45.47	29.48	7.03	7.91	17.0	1.690	83.9	3.3	0.8
188	5/6/2016 08:21:39	15.20	45.71	29.65	7.09	7.92	16.2	1.797	84.6	3.3	0.8
189	5/6/2016 08:36:39	15.09	45.78	29.70	7.12	7.92	17.5	1.899	84.8	3.1	0.7
190	5/6/2016 08:51:40	14.83	46.33	30.09	7.19	7.93	15.8	1.993	85.5	3.0	0.7
191	5/6/2016 09:06:40	14.66	46.49	30.21	7.31	7.94	13.6	2.104	86.7	2.7	0.6
192	5/6/2016 09:21:40	14.65	46.57	30.26	7.36	7.94	12.4	2.224	87.3	2.9	0.7
193	5/6/2016 09:36:40	14.61	46.58	30.27	7.42	7.95	12.2	2.351	87.9	2.5	0.6
194	5/6/2016 09:51:40	14.51	46.64	30.31	7.44	7.95	13.9	2.459	87.9	2.7	0.6
195	5/6/2016 10:06:40	14.33	46.75	30.38	7.46	7.95	14.8	2.573	87.9	3.1	0.7
196	5/6/2016 10:21:41	13.53	47.68	31.03	7.60	7.96	16.4	2.679	88.5	3.2	0.8
197	5/6/2016 10:36:40	13.97	46.94	30.51	7.51	7.96	19.8	2.787	88.0	3.7	0.9
198	5/6/2016 10:51:40	13.75	47.16	30.67	7.55	7.97	22.7	2.893	88.1	4.0	0.9
199	5/6/2016 11:06:40	13.18	47.48	30.88	7.63	7.97	26.5	2.992	88.0	4.9	1.1
200	5/6/2016 11:21:40	12.71	47.83	31.11	7.70	7.99	22.5	3.093	88.2	5.5	1.3
201	5/6/2016 11:36:40	12.56	48.00	31.23	7.69	7.99	22.5	3.184	87.8	5.5	1.3
202	5/6/2016 11:51:40	12.53	48.03	31.25	7.69	7.99	24.2	3.272	87.8	5.8	1.4
203	5/6/2016 12:06:40	12.29	48.07	31.27	7.69	7.99	25.6	3.362	87.4	6.8	1.6
204	5/6/2016 12:21:40	11.99	48.30	31.42	7.70	8.00	19.8	3.424	87.1	8.0	1.9
205	5/6/2016 12:36:40	11.84	48.41	31.50	7.69	8.00	12.2	3.485	86.7	7.3	1.7
206	5/6/2016 12:51:41	11.03	49.44	32.20	7.84	8.00	7.9	3.523	87.3	6.9	1.6
207	5/6/2016 13:06:40	11.62	48.53	31.57	7.63	8.00	8.8	3.540	85.7	51.4	12.1
208	5/6/2016 13:21:40	11.72	48.46	31.52	7.71	8.00	8.9	3.516	86.7	7.2	1.7
209	5/6/2016 13:36:40	11.70	48.58	31.61	7.67	7.99	11.1	3.483	86.2	6.1	1.4
210	5/6/2016 13:51:40	12.59	48.11	31.31	7.80	8.01	11.6	3.425	89.2	5.2	1.2
211	5/6/2016 14:06:40	13.09	47.99	31.24	7.87	8.02	17.2	3.331	90.9	5.5	1.3
212	5/6/2016 14:21:40	12.82	48.07	31.29	8.16	8.03	12.4	3.217	93.8	6.3	1.5
213	5/6/2016 14:36:40	13.93	47.51	30.93	7.98	8.02	14.7	3.121	93.7	4.7	1.1
214	5/6/2016 14:51:40	14.10	47.28	30.76	7.97	8.02	12.7	3.024	93.7	4.1	1.0
215	5/6/2016 15:06:40	14.22	47.32	30.79	7.89	8.01	13.6	2.909	93.0	4.9	1.2
Mean		14.15	46.93	30.50	7.72	7.97	13.17	2.69	90.63	4.72	1.11
Minimum		10.98	45.18	29.28	6.98	7.84	5.10	1.04	83.60	1.90	0.50
Maximum		16.64	49.44	32.20	8.41	8.05	26.50	4.06	99.80	51.40	12.10

sonde #1

Indian Island Long-Term Deployment Water Quality Data

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

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	5/6/2016 15:36:04	14.39	48.80	31.87	8.81	8.00	10.3	2.704	104.9	3.7	0.9
1	5/6/2016 15:51:06	14.50	48.84	31.90	8.54	8.00	11.4	2.603	102.0	2.8	0.7
2	5/6/2016 16:06:05	14.86	48.72	31.82	8.38	8.00	10.6	2.498	100.7	3.0	0.7
3	5/6/2016 16:21:05	14.97	48.76	31.86	8.72	8.03	9.3	2.372	105.1	3.5	0.8
4	5/6/2016 16:36:05	15.23	48.58	31.73	8.46	8.01	11.2	2.263	102.4	2.8	0.7
5	5/6/2016 16:51:06	15.36	48.46	31.64	8.47	8.01	10.6	2.174	102.7	3.1	0.7
6	5/6/2016 17:06:05	15.50	48.38	31.59	8.41	8.01	11.6	2.083	102.2	3.1	0.7
7	5/6/2016 17:21:05	15.68	48.24	31.49	8.31	7.99	12.1	1.997	101.3	3.3	0.8
8	5/6/2016 17:36:05	15.74	48.26	31.51	8.44	8.01	10.9	1.933	103.0	2.7	0.6
9	5/6/2016 17:51:05	15.84	48.23	31.49	8.39	8.01	11.1	1.868	102.6	3.2	0.8
10	5/6/2016 18:06:05	15.97	48.12	31.41	8.18	7.99	11.0	1.848	100.3	3.3	0.8
11	5/6/2016 18:21:05	16.00	48.07	31.38	7.89	7.97	10.6	1.851	96.8	3.9	0.9
12	5/6/2016 18:36:05	15.97	48.08	31.38	8.07	7.98	13.7	1.839	98.9	3.8	0.9
13	5/6/2016 18:51:06	15.90	48.10	31.40	8.13	7.98	11.9	1.904	99.5	2.7	0.6
14	5/6/2016 19:06:06	15.88	48.08	31.38	8.03	7.97	10.5	1.974	98.2	2.9	0.7
15	5/6/2016 19:21:06	15.91	47.94	31.28	8.14	7.98	12.0	2.074	99.6	3.6	0.8
16	5/6/2016 19:36:05	15.89	47.94	31.28	8.30	7.98	12.6	2.160	101.5	3.7	0.9
17	5/6/2016 19:51:05	15.60	48.22	31.48	8.18	7.98	11.7	2.267	99.6	3.5	0.8
18	5/6/2016 20:06:06	15.37	48.46	31.65	8.27	7.99	13.0	2.372	100.4	3.4	0.8
19	5/6/2016 20:21:06	15.03	48.72	31.83	8.30	7.99	12.2	2.473	100.1	4.1	1.0
20	5/6/2016 20:36:05	14.46	49.02	32.03	8.26	7.99	12.7	2.582	98.6	4.1	1.0
21	5/6/2016 20:51:06	14.37	49.09	32.08	8.29	8.00	11.9	2.675	98.8	3.9	0.9
22	5/6/2016 21:06:06	14.25	49.18	32.14	8.36	8.00	11.5	2.785	99.5	3.8	0.9
23	5/6/2016 21:21:05	14.09	49.28	32.21	8.42	8.01	13.1	2.876	99.9	3.9	0.9
24	5/6/2016 21:36:05	13.87	49.38	32.28	8.41	8.01	14.8	2.991	99.3	4.1	1.0
25	5/6/2016 21:51:06	13.60	49.52	32.37	8.40	8.01	19.1	3.106	98.8	5.3	1.3
26	5/6/2016 22:06:06	13.08	49.80	32.56	8.42	8.01	18.7	3.219	98.0	5.5	1.3
27	5/6/2016 22:21:05	12.70	50.03	32.71	8.47	8.01	16.4	3.336	98.0	5.6	1.3
28	5/6/2016 22:36:05	12.15	50.35	32.92	8.47	8.01	18.3	3.457	96.9	6.6	1.6
29	5/6/2016 22:51:05	11.86	50.53	33.03	8.51	8.02	17.7	3.582	96.9	7.3	1.7
30	5/6/2016 23:06:05	11.73	50.63	33.10	8.63	8.03	16.8	3.690	98.0	8.9	2.1
31	5/6/2016 23:21:05	11.67	50.68	33.14	8.68	8.03	15.1	3.792	98.5	8.3	2.0
32	5/6/2016 23:36:05	11.58	50.75	33.18	8.75	8.04	14.4	3.889	99.2	8.7	2.1
33	5/6/2016 23:51:05	11.47	50.82	33.22	8.82	8.05	11.5	3.970	99.8	7.6	1.8
34	5/7/2016 00:06:05	11.38	50.87	33.25	8.91	8.06	7.6	4.027	100.6	8.2	1.9
35	5/7/2016 00:21:06	11.41	50.85	33.24	8.88	8.06	5.3	4.076	100.3	8.2	1.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
36	5/7/2016 00:36:05	11.33	50.89	33.27	8.86	8.06	4.8	4.117	99.9	8.7	2.1
37	5/7/2016 00:51:05	11.60	50.79	33.21	8.69	8.05	6.7	4.108	98.5	8.5	2.0
38	5/7/2016 01:06:05	11.85	50.57	33.07	8.53	8.03	9.8	4.070	97.1	7.6	1.8
39	5/7/2016 01:21:05	11.48	50.82	33.22	8.82	8.05	7.2	4.031	99.7	6.6	1.6
40	5/7/2016 01:36:05	11.73	50.66	33.12	8.59	8.03	8.0	3.928	97.5	6.6	1.6
41	5/7/2016 01:51:05	11.52	50.80	33.21	8.86	8.05	8.0	3.808	100.2	7.3	1.7
42	5/7/2016 02:06:05	11.98	50.49	33.01	8.61	8.04	7.6	3.704	98.2	6.3	1.5
43	5/7/2016 02:21:05	12.68	50.05	32.72	8.33	8.01	12.1	3.588	96.3	4.7	1.1
44	5/7/2016 02:36:05	12.65	50.06	32.73	8.36	8.01	14.7	3.439	96.6	5.2	1.2
45	5/7/2016 02:51:05	12.88	49.91	32.63	8.30	8.01	15.7	3.288	96.3	4.8	1.1
46	5/7/2016 03:06:06	13.16	49.74	32.51	8.21	8.00	13.0	3.168	95.7	3.9	0.9
47	5/7/2016 03:21:05	13.39	49.60	32.42	8.21	8.00	13.6	3.013	96.1	4.5	1.1
48	5/7/2016 03:36:06	13.66	49.41	32.29	8.18	7.99	14.5	2.861	96.2	3.9	0.9
49	5/7/2016 03:51:05	13.16	49.73	32.51	8.20	7.99	13.8	2.701	95.6	3.3	0.8
50	5/7/2016 04:06:05	13.27	49.66	32.46	8.15	7.99	13.1	2.544	95.3	3.5	0.8
51	5/7/2016 04:21:06	13.86	49.22	32.16	8.06	7.98	12.5	2.390	95.2	3.5	0.8
52	5/7/2016 04:36:06	14.35	48.92	31.96	7.92	7.97	15.8	2.221	94.3	3.7	0.9
53	5/7/2016 04:51:06	14.35	48.93	31.96	7.91	7.97	17.1	2.061	94.2	3.4	0.8
54	5/7/2016 05:06:05	14.60	48.71	31.81	7.80	7.96	19.1	1.905	93.3	3.3	0.8
55	5/7/2016 05:21:05	15.00	48.41	31.60	7.75	7.96	19.1	1.727	93.3	3.9	0.9
56	5/7/2016 05:36:06	15.12	48.31	31.54	7.80	7.96	19.4	1.544	94.1	3.5	0.8
57	5/7/2016 05:51:06	15.18	48.29	31.52	7.74	7.96	20.3	1.380	93.5	3.2	0.8
58	5/7/2016 06:06:06	15.24	48.28	31.51	7.76	7.96	20.3	1.226	93.7	3.9	0.9
59	5/7/2016 06:21:06	15.36	48.21	31.46	7.68	7.96	20.3	1.092	93.0	2.8	0.7
60	5/7/2016 06:36:06	15.42	48.16	31.43	7.63	7.96	20.0	0.968	92.5	3.3	0.8
61	5/7/2016 06:51:05	15.49	48.08	31.37	7.61	7.96	19.1	0.887	92.4	3.9	0.9
62	5/7/2016 07:06:05	15.40	48.13	31.41	7.64	7.96	18.3	0.926	92.6	2.8	0.7
63	5/7/2016 07:21:05	15.44	48.12	31.40	7.67	7.96	19.4	0.984	93.0	2.8	0.7
64	5/7/2016 07:36:05	15.44	48.11	31.40	7.67	7.96	21.5	1.096	93.0	3.3	0.8
65	5/7/2016 07:51:06	15.44	48.10	31.39	7.67	7.96	13.6	1.228	93.0	2.4	0.6
66	5/7/2016 08:06:05	15.43	47.51	30.96	7.58	7.94	17.1	1.323	91.7	3.0	0.7
67	5/7/2016 08:21:05	15.40	47.72	31.11	7.61	7.94	15.4	1.411	92.1	3.1	0.7
68	5/7/2016 08:36:06	15.38	47.60	31.02	7.57	7.94	16.4	1.511	91.5	3.2	0.8
69	5/7/2016 08:51:06	15.37	47.54	30.98	7.51	7.93	17.4	1.606	90.7	2.8	0.7
70	5/7/2016 09:06:06	15.30	47.86	31.21	7.56	7.94	20.2	1.698	91.4	2.8	0.7
71	5/7/2016 09:21:05	15.24	47.97	31.29	7.60	7.94	16.2	1.786	91.7	3.2	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	Fluorescence %FS
72	5/7/2016 09:36:06	15.13	48.11	31.39	7.60	7.95	17.9	1.889	91.6	2.9	0.7
73	5/7/2016 09:51:06	14.67	48.61	31.74	7.80	7.96	13.6	2.012	93.3	2.2	0.5
74	5/7/2016 10:06:06	14.60	48.71	31.81	7.84	7.97	15.3	2.126	93.7	2.7	0.6
75	5/7/2016 10:21:06	14.61	48.75	31.84	7.90	7.97	14.2	2.246	94.4	3.3	0.8
76	5/7/2016 10:36:06	14.49	48.87	31.92	7.94	7.98	14.7	2.371	94.9	3.0	0.7
77	5/7/2016 10:51:05	14.36	48.92	31.96	7.97	7.98	15.8	2.492	94.9	3.3	0.8
78	5/7/2016 11:06:06	14.21	49.02	32.03	8.01	7.98	15.3	2.600	95.2	2.9	0.7
79	5/7/2016 11:21:06	14.03	49.09	32.07	8.00	7.98	20.0	2.719	94.8	3.2	0.8
80	5/7/2016 11:36:05	13.78	49.24	32.18	8.11	7.99	22.5	2.821	95.5	3.5	0.8
81	5/7/2016 11:51:06	13.40	49.49	32.34	8.17	7.99	22.8	2.932	95.6	4.3	1.0
82	5/7/2016 12:06:05	12.73	49.91	32.63	8.28	8.01	25.1	3.031	95.7	5.3	1.3
83	5/7/2016 12:21:05	12.56	50.08	32.74	8.29	8.01	24.9	3.129	95.6	5.0	1.2
84	5/7/2016 12:36:05	12.48	50.14	32.78	8.30	8.01	25.6	3.234	95.6	5.2	1.2
85	5/7/2016 12:51:05	12.29	50.24	32.84	8.34	8.01	24.5	3.316	95.7	5.6	1.3
86	5/7/2016 13:06:05	11.85	50.50	33.01	8.29	8.00	20.0	3.392	94.4	6.7	1.6
87	5/7/2016 13:21:05	11.55	50.69	33.13	8.29	8.01	13.6	3.461	93.9	7.3	1.7
88	5/7/2016 13:36:05	11.35	50.79	33.20	8.32	8.01	10.1	3.511	93.8	8.2	1.9
89	5/7/2016 13:51:05	11.29	50.84	33.23	8.35	8.01	8.1	3.545	94.0	6.7	1.6
90	5/7/2016 14:06:05	11.28	50.83	33.22	8.15	8.00	4.8	3.550	91.8	5.0	1.2
91	5/7/2016 14:21:05	11.34	50.83	33.22	8.21	8.01	7.8	3.522	92.5	5.9	1.4
92	5/7/2016 14:36:05	11.38	50.81	33.22	8.25	8.01	8.6	3.489	93.1	6.2	1.5
93	5/7/2016 14:51:06	11.95	50.53	33.04	8.34	8.01	9.0	3.417	95.2	5.6	1.3
94	5/7/2016 15:06:05	12.65	50.23	32.85	8.48	8.03	13.4	3.328	98.0	4.8	1.1
95	5/7/2016 15:21:06	12.49	50.34	32.92	8.71	8.04	11.2	3.215	100.4	5.6	1.3
96	5/7/2016 15:36:05	13.22	49.92	32.65	8.65	8.03	10.4	3.117	101.0	4.4	1.0
97	5/7/2016 15:51:05	13.91	49.54	32.40	8.60	8.03	12.1	3.017	101.7	4.2	1.0
98	5/7/2016 16:06:05	14.06	49.46	32.34	8.61	8.03	11.7	2.905	102.2	3.4	0.8
99	5/7/2016 16:21:06	14.09	49.42	32.32	8.56	8.03	10.8	2.797	101.6	3.5	0.8
100	5/7/2016 16:36:05	14.21	49.31	32.24	8.58	8.03	10.3	2.701	102.0	4.2	1.0
101	5/7/2016 16:51:06	14.41	49.22	32.18	8.71	8.03	9.8	2.608	104.0	3.1	0.7
102	5/7/2016 17:06:06	14.51	49.16	32.13	8.51	8.02	9.6	2.504	101.8	3.6	0.9
103	5/7/2016 17:21:05	14.70	49.04	32.05	8.44	8.02	9.8	2.409	101.3	3.2	0.8
104	5/7/2016 17:36:06	14.85	48.95	32.00	8.50	8.03	9.9	2.308	102.3	3.6	0.8
105	5/7/2016 17:51:06	15.09	48.77	31.86	8.37	8.02	10.9	2.234	101.1	3.5	0.8
106	5/7/2016 18:06:06	15.21	48.68	31.80	8.46	8.02	9.5	2.152	102.4	3.5	0.8
107	5/7/2016 18:21:06	15.28	48.63	31.77	8.53	8.03	9.5	2.076	103.4	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
108	5/7/2016 18:36:06	15.40	48.53	31.70	8.38	8.02	8.9	2.025	101.7	3.4	0.8
109	5/7/2016 18:51:06	15.58	48.39	31.60	8.18	8.00	8.4	1.999	99.6	3.9	0.9
110	5/7/2016 19:06:05	15.66	48.33	31.56	8.05	7.99	7.3	1.991	98.2	2.9	0.7
111	5/7/2016 19:21:06	15.64	48.33	31.56	8.10	7.99	10.3	1.987	98.8	4.1	1.0
112	5/7/2016 19:36:06	15.58	48.35	31.57	8.10	7.99	9.1	2.039	98.7	3.4	0.8
113	5/7/2016 19:51:06	15.45	48.44	31.64	8.14	7.99	9.7	2.100	98.9	3.2	0.8
114	5/7/2016 20:06:05	15.36	48.52	31.69	8.13	7.99	10.1	2.169	98.7	4.3	1.0
115	5/7/2016 20:21:06	15.38	48.50	31.67	8.37	8.01	10.9	2.260	101.5	3.3	0.8
116	5/7/2016 20:36:06	15.15	48.67	31.80	8.31	8.01	10.0	2.369	100.5	3.7	0.9
117	5/7/2016 20:51:06	14.99	48.80	31.88	8.31	8.01	9.7	2.471	100.2	3.3	0.8
118	5/7/2016 21:06:06	14.59	49.07	32.07	8.40	8.01	10.6	2.567	100.6	3.6	0.8
119	5/7/2016 21:21:06	14.37	49.16	32.13	8.34	8.01	10.3	2.669	99.4	3.2	0.8
120	5/7/2016 21:36:06	14.08	49.30	32.23	8.29	8.01	9.2	2.770	98.3	3.2	0.8
121	5/7/2016 21:51:06	14.03	49.35	32.26	8.33	8.01	9.5	2.865	98.8	4.2	1.0
122	5/7/2016 22:06:06	13.85	49.46	32.34	8.34	8.01	11.3	2.966	98.5	3.7	0.9
123	5/7/2016 22:21:06	13.53	49.64	32.46	8.37	8.01	12.0	3.070	98.4	3.8	0.9
124	5/7/2016 22:36:06	13.26	49.80	32.56	8.39	8.01	15.0	3.172	98.0	4.8	1.1
125	5/7/2016 22:51:06	12.74	50.03	32.71	8.42	8.02	15.1	3.281	97.5	3.9	0.9
126	5/7/2016 23:06:06	12.40	50.23	32.84	8.44	8.02	13.5	3.399	97.1	5.0	1.2
127	5/7/2016 23:21:05	11.99	50.46	32.99	8.57	8.02	13.2	3.504	97.8	5.3	1.3
128	5/7/2016 23:36:05	11.76	50.58	33.07	8.64	8.03	11.3	3.623	98.2	6.0	1.4
129	5/7/2016 23:51:05	11.59	50.70	33.14	8.76	8.04	11.9	3.730	99.3	6.9	1.6
130	5/8/2016 00:06:06	11.51	50.77	33.19	8.82	8.05	11.5	3.821	99.8	7.9	1.9
131	5/8/2016 00:21:06	11.46	50.81	33.22	8.81	8.05	9.4	3.915	99.6	7.9	1.9
132	5/8/2016 00:36:05	11.37	50.88	33.26	8.91	8.07	9.9	3.989	100.5	7.9	1.9
133	5/8/2016 00:51:05	11.31	50.91	33.28	8.99	8.08	7.5	4.051	101.3	8.0	1.9
134	5/8/2016 01:06:05	11.31	50.91	33.28	9.01	8.07	5.4	4.096	101.6	7.8	1.9
135	5/8/2016 01:21:05	11.23	50.95	33.30	8.96	8.08	3.8	4.128	100.8	8.6	2.0
136	5/8/2016 01:36:06	11.47	50.83	33.24	8.86	8.06	6.1	4.123	100.2	9.6	2.3
137	5/8/2016 01:51:06	11.76	50.62	33.09	8.57	8.04	8.1	4.085	97.4	5.9	1.4
138	5/8/2016 02:06:06	11.49	50.80	33.21	8.73	8.05	5.7	4.041	98.7	6.2	1.5
139	5/8/2016 02:21:06	11.61	50.70	33.15	8.65	8.04	7.4	3.957	98.1	6.9	1.6
140	5/8/2016 02:36:06	11.36	50.87	33.26	8.87	8.07	6.8	3.841	100.1	7.9	1.9
141	5/8/2016 02:51:06	12.10	50.41	32.96	8.55	8.04	7.9	3.731	97.8	5.2	1.2
142	5/8/2016 03:06:05	12.52	50.13	32.77	8.35	8.02	10.6	3.600	96.3	4.2	1.0
143	5/8/2016 03:21:05	12.54	50.10	32.75	8.37	8.02	13.3	3.467	96.5	6.2	1.5

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
144	5/8/2016 03:36:06	12.63	50.05	32.72	8.34	8.01	14.1	3.324	96.3	3.8	0.9
145	5/8/2016 03:51:05	12.80	49.95	32.66	8.31	8.01	12.7	3.174	96.3	6.3	1.5
146	5/8/2016 04:06:05	13.14	49.76	32.53	8.26	8.00	13.4	3.043	96.3	3.2	0.8
147	5/8/2016 04:21:06	13.28	49.68	32.48	8.21	8.00	13.4	2.883	96.0	3.5	0.8
148	5/8/2016 04:36:05	12.95	49.83	32.58	8.21	8.00	13.1	2.726	95.3	3.4	0.8
149	5/8/2016 04:51:05	13.36	49.54	32.38	8.13	7.99	13.2	2.554	95.1	3.0	0.7
150	5/8/2016 05:06:06	13.36	49.58	32.41	8.12	7.99	12.0	2.408	95.0	3.9	0.9
151	5/8/2016 05:21:06	14.06	49.11	32.08	7.97	7.98	16.7	2.223	94.4	3.3	0.8
152	5/8/2016 05:36:05	14.20	49.03	32.04	7.89	7.98	15.3	2.060	93.7	3.6	0.9
153	5/8/2016 05:51:06	14.42	48.83	31.89	7.82	7.97	18.1	1.892	93.2	3.0	0.7
154	5/8/2016 06:06:06	14.76	48.60	31.74	7.75	7.97	20.0	1.721	92.9	3.5	0.8
155	5/8/2016 06:21:06	14.83	48.54	31.69	7.74	7.97	19.8	1.533	92.9	3.7	0.9
156	5/8/2016 06:36:05	14.87	48.50	31.66	7.77	7.97	20.0	1.373	93.3	2.7	0.6
157	5/8/2016 06:51:06	14.95	48.42	31.61	7.74	7.97	23.3	1.195	93.1	3.5	0.8
158	5/8/2016 07:06:06	14.99	48.37	31.58	7.69	7.97	22.4	1.042	92.5	3.2	0.8
159	5/8/2016 07:21:06	15.06	48.31	31.53	7.64	7.96	19.1	0.899	92.0	3.3	0.8
160	5/8/2016 07:36:06	14.95	48.38	31.58	7.62	7.96	16.2	0.849	91.6	2.6	0.6
161	5/8/2016 07:51:06	15.03	48.31	31.53	7.61	7.96	15.3	0.857	91.6	2.4	0.6
162	5/8/2016 08:06:05	15.10	48.26	31.49	7.64	7.96	13.7	0.932	92.1	2.9	0.7
163	5/8/2016 08:21:05	15.08	48.27	31.50	7.66	7.96	14.5	1.065	92.3	2.9	0.7
164	5/8/2016 08:36:05	15.08	48.28	31.51	7.68	7.97	11.9	1.168	92.5	3.1	0.7
165	5/8/2016 08:51:05	15.08	48.07	31.36	7.68	7.96	12.7	1.272	92.5	3.2	0.8
166	5/8/2016 09:06:06	15.05	47.98	31.29	7.62	7.95	13.6	1.355	91.6	3.1	0.7
167	5/8/2016 09:21:06	15.03	48.02	31.32	7.61	7.95	13.3	1.440	91.5	3.2	0.8
168	5/8/2016 09:36:06	15.01	47.95	31.27	7.54	7.95	14.0	1.513	90.6	3.1	0.7
169	5/8/2016 09:51:06	14.98	47.98	31.29	7.56	7.95	15.7	1.620	90.7	2.7	0.6
170	5/8/2016 10:06:06	14.96	48.09	31.37	7.57	7.95	15.1	1.713	90.9	2.9	0.7
171	5/8/2016 10:21:06	14.85	48.34	31.55	7.64	7.96	17.9	1.809	91.7	2.8	0.7
172	5/8/2016 10:36:06	14.69	48.52	31.68	7.71	7.96	13.9	1.926	92.3	2.5	0.6
173	5/8/2016 10:51:06	14.44	48.79	31.86	7.81	7.97	15.0	2.049	93.1	2.3	0.5
174	5/8/2016 11:06:06	14.39	48.91	31.95	7.89	7.98	13.8	2.172	94.1	2.8	0.7
175	5/8/2016 11:21:06	14.32	49.02	32.03	7.99	7.98	13.6	2.292	95.1	3.3	0.8
176	5/8/2016 11:36:06	14.26	49.06	32.06	8.03	7.99	15.5	2.418	95.5	2.4	0.6
177	5/8/2016 11:51:06	14.16	49.13	32.10	8.03	7.99	17.3	2.531	95.3	3.4	0.8
178	5/8/2016 12:06:06	14.02	49.20	32.15	8.02	7.99	17.6	2.645	94.9	2.4	0.6
179	5/8/2016 12:21:06	13.87	49.24	32.18	8.08	7.99	19.2	2.751	95.5	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
180	5/8/2016 12:36:06	13.64	49.39	32.28	8.14	8.00	23.5	2.858	95.8	3.7	0.9
181	5/8/2016 12:51:06	13.05	49.77	32.53	8.26	8.00	23.9	2.961	96.1	4.5	1.1
182	5/8/2016 13:06:06	12.60	50.07	32.74	8.36	8.01	24.5	3.059	96.5	4.6	1.1
183	5/8/2016 13:21:06	12.46	50.19	32.82	8.38	8.02	23.5	3.150	96.5	5.4	1.3
184	5/8/2016 13:36:05	12.40	50.24	32.85	8.37	8.02	25.2	3.243	96.3	5.5	1.3
185	5/8/2016 13:51:05	12.29	50.30	32.89	8.41	8.03	22.8	3.326	96.6	5.9	1.4
186	5/8/2016 14:06:06	12.13	50.34	32.91	8.55	8.03	26.3	3.408	97.8	6.4	1.5
187	5/8/2016 14:21:05	11.92	50.42	32.96	8.73	8.04	12.6	3.463	99.5	7.1	1.7
188	5/8/2016 14:36:05	11.82	50.46	32.98	8.79	8.04	10.0	3.513	100.0	6.9	1.6
189	5/8/2016 14:51:05	11.76	50.48	32.99	8.79	8.05	7.9	3.530	99.8	7.4	1.8
190	5/8/2016 15:06:06	11.76	50.49	33.00	8.59	8.04	7.8	3.534	97.6	7.1	1.7
191	5/8/2016 15:21:06	11.79	50.48	33.00	8.70	8.04	8.4	3.517	98.9	8.3	2.0
192	5/8/2016 15:36:06	12.10	50.41	32.96	8.70	8.04	13.1	3.448	99.5	5.5	1.3
193	5/8/2016 15:51:06	12.62	50.31	32.91	8.89	8.06	16.1	3.371	102.8	5.3	1.2
194	5/8/2016 16:06:06	12.57	50.34	32.93	9.09	8.07	14.0	3.292	105.0	6.7	1.6
195	5/8/2016 16:21:06	12.57	50.34	32.93	9.12	8.07	13.0	3.187	105.4	6.8	1.6
196	5/8/2016 16:36:05	13.33	50.00	32.71	8.81	8.05	15.8	3.087	103.2	5.2	1.2
197	5/8/2016 16:51:06	14.05	49.60	32.44	8.63	8.04	18.3	2.985	102.4	4.8	1.1
198	5/8/2016 17:06:06	14.19	49.51	32.38	8.54	8.04	18.1	2.897	101.6	5.0	1.2
199	5/8/2016 17:21:06	14.29	49.42	32.32	8.57	8.03	17.3	2.803	102.2	4.2	1.0
200	5/8/2016 17:36:06	14.57	49.30	32.24	8.60	8.03	15.6	2.707	103.0	4.0	1.0
201	5/8/2016 17:51:05	14.63	49.28	32.23	8.54	8.03	17.1	2.614	102.4	3.9	0.9
202	5/8/2016 18:06:06	14.68	49.23	32.19	8.51	8.03	14.1	2.534	102.2	3.2	0.8
203	5/8/2016 18:21:06	14.66	49.33	32.26	8.81	8.05	12.8	2.447	105.7	3.3	0.8
204	5/8/2016 18:36:06	14.87	49.19	32.17	9.03	8.07	12.9	2.356	108.8	4.3	1.0
205	5/8/2016 18:51:06	15.09	48.98	32.02	8.67	8.05	13.9	2.279	104.8	3.3	0.8
206	5/8/2016 19:06:06	15.08	48.94	31.99	8.57	8.05	13.5	2.216	103.5	4.1	1.0
207	5/8/2016 19:21:06	15.13	48.89	31.96	8.70	8.06	13.3	2.164	105.2	3.4	0.8
208	5/8/2016 19:36:06	15.34	48.69	31.81	8.45	8.04	12.7	2.119	102.5	3.5	0.8
209	5/8/2016 19:51:06	15.49	48.56	31.72	8.31	8.02	12.3	2.102	101.0	3.8	0.9
210	5/8/2016 20:06:06	15.55	48.51	31.69	8.00	8.00	13.0	2.114	97.4	3.4	0.8
211	5/8/2016 20:21:06	15.43	48.56	31.72	8.24	8.01	12.2	2.143	100.1	3.2	0.8
212	5/8/2016 20:36:06	15.37	48.60	31.75	8.26	8.01	10.3	2.178	100.2	3.6	0.8
213	5/8/2016 20:51:06	15.45	48.56	31.72	8.17	8.00	11.9	2.240	99.2	3.8	0.9
214	5/8/2016 21:06:06	15.29	48.69	31.81	8.18	8.00	12.8	2.337	99.2	3.8	0.9
215	5/8/2016 21:21:06	15.52	48.53	31.70	8.23	8.00	14.4	2.433	100.2	4.1	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
216	5/8/2016 21:36:06	15.20	48.83	31.91	8.32	8.01	15.1	2.512	100.8	3.5	0.8
217	5/8/2016 21:51:06	14.98	49.00	32.03	8.35	8.01	14.4	2.615	100.7	3.7	0.9
218	5/8/2016 22:06:06	14.49	49.28	32.22	8.41	8.02	15.6	2.715	100.6	3.7	0.9
219	5/8/2016 22:21:06	13.97	49.53	32.39	8.40	8.02	12.0	2.801	99.6	3.4	0.8
220	5/8/2016 22:36:06	13.85	49.61	32.45	8.48	8.03	12.3	2.897	100.2	6.3	1.5
221	5/8/2016 22:51:06	13.81	49.64	32.46	8.51	8.03	11.0	2.988	100.6	3.7	0.9
222	5/8/2016 23:06:06	13.66	49.72	32.52	8.58	8.03	13.4	3.083	101.1	3.5	0.8
223	5/8/2016 23:21:06	13.36	49.85	32.61	8.56	8.03	13.9	3.181	100.3	4.1	1.0
224	5/8/2016 23:36:05	13.11	49.95	32.67	8.60	8.04	18.1	3.283	100.3	4.4	1.0
225	5/8/2016 23:51:06	12.49	50.20	32.83	8.77	8.05	13.8	3.390	101.1	5.2	1.2
226	5/9/2016 00:06:05	12.28	50.31	32.89	8.78	8.05	13.3	3.492	100.8	5.6	1.3
227	5/9/2016 00:21:05	11.87	50.49	33.00	8.80	8.05	15.0	3.591	100.2	7.6	1.8
228	5/9/2016 00:36:06	11.66	50.58	33.06	8.87	8.05	16.2	3.696	100.6	8.2	1.9
229	5/9/2016 00:51:06	11.53	50.63	33.09	8.86	8.05	13.0	3.782	100.2	7.8	1.8
230	5/9/2016 01:06:06	11.44	50.67	33.12	8.86	8.05	8.9	3.862	100.0	7.3	1.7
231	5/9/2016 01:21:05	11.27	50.75	33.16	8.81	8.05	10.0	3.931	99.2	9.2	2.2
232	5/9/2016 01:36:06	11.17	50.80	33.20	8.62	8.04	6.7	3.986	96.8	6.9	1.6
233	5/9/2016 01:51:05	11.04	50.86	33.23	8.49	8.03	5.3	4.020	95.1	5.8	1.4
234	5/9/2016 02:06:05	11.02	50.86	33.23	8.34	8.03	4.3	4.044	93.4	8.2	1.9
235	5/9/2016 02:21:05	11.21	50.84	33.23	8.48	8.02	4.8	4.043	95.4	5.1	1.2
236	5/9/2016 02:36:05	11.13	50.84	33.22	8.33	8.02	6.2	4.007	93.5	4.8	1.1
237	5/9/2016 02:51:05	11.17	50.83	33.22	8.39	8.02	5.3	3.950	94.2	4.4	1.0
238	5/9/2016 03:06:05	11.60	50.59	33.07	8.75	8.04	7.9	3.869	99.1	7.7	1.8
239	5/9/2016 03:21:05	11.42	50.67	33.11	8.68	8.05	6.7	3.769	98.0	6.7	1.6
240	5/9/2016 03:36:06	11.64	50.60	33.07	8.63	8.04	7.0	3.665	97.8	5.3	1.3
241	5/9/2016 03:51:06	12.55	50.13	32.78	8.55	8.03	15.7	3.538	98.6	3.9	0.9
242	5/9/2016 04:06:05	12.61	50.10	32.75	8.50	8.03	12.1	3.402	98.1	4.3	1.0
243	5/9/2016 04:21:05	12.89	49.95	32.66	8.50	8.03	10.4	3.280	98.6	3.2	0.8
244	5/9/2016 04:36:05	13.09	49.87	32.61	8.44	8.02	11.7	3.153	98.4	3.1	0.7
245	5/9/2016 04:51:06	13.29	49.75	32.53	8.38	8.02	11.2	3.003	97.9	3.6	0.8
246	5/9/2016 05:06:05	13.42	49.66	32.47	8.33	8.02	13.4	2.866	97.7	3.8	0.9
247	5/9/2016 05:21:05	12.76	49.98	32.68	8.39	8.02	12.1	2.725	97.1	3.8	0.9
248	5/9/2016 05:36:05	13.44	49.56	32.40	8.28	8.01	13.5	2.560	97.0	3.5	0.8
249	5/9/2016 05:51:06	13.17	49.73	32.51	8.21	8.01	12.1	2.401	95.7	2.9	0.7
250	5/9/2016 06:06:06	13.99	49.27	32.20	8.02	7.99	14.8	2.254	94.9	3.2	0.8
251	5/9/2016 06:21:05	14.07	49.19	32.15	7.92	7.99	16.6	2.080	93.9	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
252	5/9/2016 06:36:06	14.29	48.96	31.99	7.82	7.98	19.7	1.924	93.0	2.9	0.7
253	5/9/2016 06:51:06	14.63	48.73	31.83	7.76	7.98	19.1	1.752	92.9	3.1	0.7
254	5/9/2016 07:06:05	14.70	48.70	31.81	7.79	7.98	18.6	1.579	93.3	2.7	0.6
255	5/9/2016 07:21:05	14.75	48.72	31.82	7.81	7.98	18.3	1.405	93.7	2.9	0.7
256	5/9/2016 07:36:05	14.77	48.73	31.83	7.81	7.98	18.9	1.253	93.7	3.2	0.8
257	5/9/2016 07:51:06	14.84	48.67	31.79	7.80	7.98	19.4	1.100	93.7	2.8	0.7
258	5/9/2016 08:06:06	14.94	48.56	31.71	7.67	7.97	20.1	0.950	92.3	2.9	0.7
259	5/9/2016 08:21:06	14.93	48.54	31.69	7.67	7.97	22.6	0.895	92.2	3.3	0.8
260	5/9/2016 08:36:06	14.81	48.64	31.76	7.74	7.97	15.7	0.888	92.9	2.7	0.6
261	5/9/2016 08:51:06	14.98	48.49	31.66	7.67	7.97	13.5	0.942	92.4	2.9	0.7
262	5/9/2016 09:06:06	14.95	48.54	31.69	7.66	7.97	13.7	1.066	92.1	3.1	0.7
263	5/9/2016 09:21:05	14.97	48.52	31.68	7.66	7.97	13.6	1.176	92.3	3.1	0.7
264	5/9/2016 09:36:06	14.97	48.53	31.69	7.71	7.98	12.6	1.270	92.8	3.1	0.7
265	5/9/2016 09:51:06	14.97	48.27	31.50	7.62	7.96	13.5	1.360	91.6	2.8	0.7
266	5/9/2016 10:06:06	14.95	48.29	31.51	7.60	7.96	13.7	1.434	91.3	2.2	0.5
267	5/9/2016 10:21:06	14.93	48.25	31.48	7.55	7.96	15.3	1.509	90.7	2.9	0.7
268	5/9/2016 10:36:06	14.92	48.24	31.48	7.50	7.96	15.5	1.592	90.1	2.5	0.6
269	5/9/2016 10:51:06	14.89	48.24	31.48	7.52	7.95	16.6	1.676	90.3	2.7	0.6
270	5/9/2016 11:06:06	14.87	48.35	31.55	7.59	7.96	16.9	1.771	91.1	2.7	0.6
271	5/9/2016 11:21:06	14.71	48.60	31.74	7.68	7.97	16.6	1.866	92.0	2.9	0.7
272	5/9/2016 11:36:06	14.46	48.85	31.91	7.79	7.97	13.7	1.972	93.0	3.0	0.7
273	5/9/2016 11:51:06	14.40	48.94	31.97	7.88	7.98	12.7	2.100	93.9	2.8	0.7
274	5/9/2016 12:06:06	14.28	49.14	32.11	8.03	8.00	13.9	2.211	95.6	2.3	0.5
275	5/9/2016 12:21:06	14.29	49.18	32.15	8.02	8.00	11.9	2.328	95.4	2.7	0.6
276	5/9/2016 12:36:06	14.27	49.19	32.16	8.02	8.00	12.5	2.445	95.4	2.7	0.6
277	5/9/2016 12:51:06	14.15	49.28	32.21	8.09	8.00	14.7	2.563	96.1	3.2	0.8
278	5/9/2016 13:06:06	14.05	49.34	32.26	8.11	8.00	15.0	2.666	96.1	3.4	0.8
279	5/9/2016 13:21:06	13.89	49.39	32.29	8.14	8.00	17.7	2.763	96.3	3.3	0.8
280	5/9/2016 13:36:06	13.61	49.49	32.35	8.21	8.00	21.5	2.868	96.5	3.8	0.9
281	5/9/2016 13:51:06	12.98	49.84	32.58	8.16	8.00	23.2	2.958	94.9	5.6	1.3
282	5/9/2016 14:06:06	12.47	50.11	32.76	8.19	8.00	20.5	3.044	94.2	4.4	1.1
283	5/9/2016 14:21:06	12.30	50.23	32.84	8.15	8.01	17.8	3.133	93.6	4.6	1.1
284	5/9/2016 14:36:05	12.25	50.29	32.88	8.13	8.01	19.4	3.221	93.3	5.0	1.2
285	5/9/2016 14:51:05	12.09	50.35	32.91	8.18	8.01	19.0	3.296	93.6	5.4	1.3
286	5/9/2016 15:06:05	11.88	50.45	32.98	8.15	8.00	17.1	3.362	92.8	5.7	1.3
287	5/9/2016 15:21:06	11.64	50.59	33.07	8.05	7.99	11.1	3.417	91.2	5.5	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
288	5/9/2016 15:36:05	11.41	50.73	33.16	8.00	7.99	7.3	3.452	90.3	5.1	1.2
289	5/9/2016 15:51:05	11.29	50.80	33.20	7.97	7.98	5.4	3.462	89.7	4.3	1.0
290	5/9/2016 16:06:05	11.28	50.85	33.23	7.98	7.98	6.3	3.459	89.9	4.2	1.0
291	5/9/2016 16:21:06	11.35	50.81	33.21	8.00	7.98	7.6	3.428	90.2	5.0	1.2
292	5/9/2016 16:36:06	11.72	50.64	33.11	7.99	7.99	10.0	3.364	90.7	4.1	1.0
293	5/9/2016 16:51:05	12.68	50.27	32.88	8.24	8.02	13.8	3.289	95.3	4.6	1.1
294	5/9/2016 17:06:05	13.12	50.17	32.83	8.49	8.03	12.3	3.201	99.1	4.2	1.0
295	5/9/2016 17:21:05	13.35	50.05	32.75	8.53	8.04	10.4	3.112	100.0	3.4	0.8
296	5/9/2016 17:36:06	14.03	49.73	32.54	8.52	8.04	14.7	3.014	101.2	4.0	1.0
297	5/9/2016 17:51:06	14.14	49.67	32.50	8.55	8.04	11.4	2.925	101.7	3.0	0.7
298	5/9/2016 18:06:05	14.34	49.56	32.43	8.59	8.05	11.7	2.840	102.5	3.2	0.8
299	5/9/2016 18:21:05	14.46	49.47	32.37	8.59	8.03	8.8	2.753	102.7	3.3	0.8
300	5/9/2016 18:36:06	14.59	49.42	32.33	8.67	8.04	8.6	2.660	103.9	3.1	0.7
301	5/9/2016 18:51:06	14.68	49.40	32.31	8.68	8.05	8.1	2.587	104.3	2.7	0.6
302	5/9/2016 19:06:06	14.84	49.37	32.30	8.79	8.07	7.4	2.501	106.0	3.0	0.7
303	5/9/2016 19:21:06	14.96	49.28	32.23	8.76	8.06	7.5	2.421	105.8	2.9	0.7
304	5/9/2016 19:36:06	15.07	49.21	32.19	8.81	8.06	7.6	2.352	106.6	2.3	0.6
305	5/9/2016 19:51:06	15.23	49.06	32.08	8.57	8.05	7.8	2.286	103.9	2.8	0.7
306	5/9/2016 20:06:06	15.27	49.04	32.06	8.69	8.06	7.2	2.234	105.4	3.0	0.7
307	5/9/2016 20:21:06	15.38	48.97	32.02	8.60	8.05	7.7	2.184	104.6	3.3	0.8
308	5/9/2016 20:36:06	15.68	48.75	31.86	8.29	8.02	7.6	2.174	101.3	2.6	0.6
309	5/9/2016 20:51:06	15.76	48.68	31.81	8.06	8.00	8.3	2.181	98.7	2.9	0.7
310	5/9/2016 21:06:05	15.67	48.72	31.84	8.25	8.01	7.8	2.191	100.8	2.9	0.7
311	5/9/2016 21:21:06	15.60	48.78	31.89	8.28	8.02	7.7	2.229	101.1	3.6	0.8
312	5/9/2016 21:36:06	15.51	48.82	31.92	8.28	8.02	7.9	2.282	100.9	2.9	0.7
313	5/9/2016 21:51:06	15.52	48.86	31.94	8.33	8.02	9.4	2.355	101.6	2.9	0.7
314	5/9/2016 22:06:06	15.63	48.78	31.89	8.47	8.03	8.1	2.433	103.4	2.9	0.7
315	5/9/2016 22:21:06	15.23	49.08	32.10	8.37	8.02	8.9	2.517	101.5	3.0	0.7
316	5/9/2016 22:36:06	15.07	49.17	32.16	8.41	8.02	8.2	2.608	101.7	2.6	0.6
317	5/9/2016 22:51:06	14.64	49.39	32.31	8.43	8.02	9.0	2.689	101.1	3.4	0.8
318	5/9/2016 23:06:06	14.12	49.58	32.44	8.32	8.02	8.7	2.773	98.9	3.4	0.8
319	5/9/2016 23:21:06	13.87	49.69	32.50	8.33	8.02	7.3	2.856	98.5	2.8	0.7
320	5/9/2016 23:36:06	13.72	49.76	32.55	8.28	8.02	7.2	2.932	97.7	2.7	0.6
321	5/9/2016 23:51:06	13.59	49.83	32.59	8.33	8.02	7.4	3.030	98.0	3.3	0.8
322	5/10/2016 00:06:06	13.16	50.03	32.73	8.20	8.01	9.2	3.110	95.8	2.9	0.7
323	5/10/2016 00:21:06	12.79	50.19	32.83	8.18	8.01	9.2	3.206	94.9	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
324	5/10/2016 00:36:05	12.38	50.35	32.93	8.23	8.00	11.9	3.301	94.7	4.2	1.0
325	5/10/2016 00:51:05	12.11	50.47	33.01	8.25	8.00	9.9	3.389	94.4	4.6	1.1
326	5/10/2016 01:06:06	11.80	50.61	33.09	8.22	8.00	8.6	3.487	93.6	3.7	0.9
327	5/10/2016 01:21:05	11.54	50.73	33.16	8.20	8.00	8.8	3.573	92.8	4.9	1.2
328	5/10/2016 01:36:05	11.23	50.85	33.23	8.20	8.00	6.5	3.649	92.3	5.3	1.3
329	5/10/2016 01:51:05	11.05	50.95	33.29	8.18	8.00	7.0	3.732	91.7	5.3	1.3
330	5/10/2016 02:06:05	10.98	50.99	33.32	8.22	8.00	5.9	3.793	92.0	5.5	1.3
331	5/10/2016 02:21:05	10.94	51.01	33.33	8.23	8.00	6.0	3.836	92.0	5.4	1.3
332	5/10/2016 02:36:05	10.92	51.02	33.34	8.16	8.00	5.1	3.883	91.2	5.2	1.2
333	5/10/2016 02:51:06	10.89	51.04	33.35	8.17	8.00	3.5	3.896	91.3	3.9	0.9
334	5/10/2016 03:06:06	10.97	51.03	33.35	8.08	8.00	4.8	3.892	90.5	5.0	1.2
335	5/10/2016 03:21:05	10.98	51.00	33.33	8.09	8.00	3.5	3.877	90.5	5.0	1.2
336	5/10/2016 03:36:05	11.33	50.93	33.30	8.02	7.99	4.8	3.827	90.5	3.4	0.8
337	5/10/2016 03:51:05	11.78	50.58	33.07	8.09	8.00	7.9	3.757	92.0	3.8	0.9
338	5/10/2016 04:06:06	11.48	50.72	33.15	8.10	8.00	7.8	3.669	91.6	4.2	1.0
339	5/10/2016 04:21:05	11.78	50.59	33.07	8.06	8.00	5.8	3.565	91.7	4.6	1.1
340	5/10/2016 04:36:05	12.41	50.21	32.82	8.10	8.00	10.5	3.459	93.2	3.6	0.9
341	5/10/2016 04:51:06	12.42	50.22	32.84	8.10	8.00	9.0	3.345	93.2	3.1	0.7
342	5/10/2016 05:06:06	12.55	50.17	32.80	8.09	8.00	9.1	3.217	93.3	3.5	0.8
343	5/10/2016 05:21:06	12.72	50.08	32.75	8.06	8.00	13.7	3.104	93.2	3.5	0.8
344	5/10/2016 05:36:05	12.84	50.04	32.72	8.06	8.00	9.2	2.986	93.5	3.1	0.7
345	5/10/2016 05:51:06	13.06	49.93	32.65	8.02	8.00	9.9	2.839	93.4	2.9	0.7
346	5/10/2016 06:06:06	13.18	49.83	32.58	8.00	8.00	9.4	2.722	93.4	2.2	0.5
347	5/10/2016 06:21:06	13.33	49.76	32.53	7.99	7.99	11.7	2.578	93.5	2.4	0.6
348	5/10/2016 06:36:06	13.04	49.87	32.61	8.01	7.99	8.5	2.426	93.3	2.5	0.6
349	5/10/2016 06:51:06	13.57	49.57	32.40	7.93	7.99	10.1	2.288	93.2	1.8	0.4
350	5/10/2016 07:06:06	13.73	49.42	32.30	7.94	7.99	10.8	2.127	93.5	2.0	0.5
351	5/10/2016 07:21:06	14.12	49.16	32.13	7.87	7.99	12.0	1.987	93.3	2.4	0.6
352	5/10/2016 07:36:06	14.31	49.01	32.02	7.90	7.99	12.6	1.824	94.0	2.9	0.7
353	5/10/2016 07:51:06	14.44	48.95	31.98	7.88	7.99	13.0	1.670	94.0	2.3	0.5
354	5/10/2016 08:06:05	14.53	48.92	31.96	7.87	7.99	12.3	1.517	94.0	2.4	0.6
355	5/10/2016 08:21:06	14.64	48.89	31.94	7.86	7.99	13.3	1.381	94.1	2.5	0.6
356	5/10/2016 08:36:06	14.70	48.87	31.93	7.85	8.00	12.3	1.256	94.1	2.7	0.6
357	5/10/2016 08:51:06	14.83	48.79	31.87	7.78	7.99	15.8	1.140	93.5	2.9	0.7
358	5/10/2016 09:06:06	14.95	48.70	31.81	7.68	7.99	13.7	1.044	92.5	2.6	0.6
359	5/10/2016 09:21:06	15.00	48.70	31.82	7.69	7.99	13.9	1.039	92.7	3.2	0.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
360	5/10/2016 09:36:06	14.92	48.77	31.87	7.83	7.99	12.2	1.058	94.2	3.2	0.7
361	5/10/2016 09:51:05	14.97	48.81	31.89	7.80	7.99	9.7	1.119	94.0	2.0	0.5
362	5/10/2016 10:06:06	14.98	48.81	31.90	7.83	7.99	10.7	1.209	94.4	2.7	0.6
363	5/10/2016 10:21:06	15.15	48.77	31.87	7.84	7.99	11.6	1.306	94.8	2.7	0.6
364	5/10/2016 10:36:05	15.12	48.55	31.71	7.77	7.99	11.5	1.379	93.8	2.5	0.6
365	5/10/2016 10:51:06	14.98	48.58	31.72	7.77	7.98	11.0	1.466	93.5	2.9	0.7
366	5/10/2016 11:06:06	14.92	48.46	31.64	7.70	7.98	12.3	1.543	92.5	2.9	0.7
367	5/10/2016 11:21:06	14.88	48.42	31.61	7.63	7.97	13.1	1.617	91.6	2.6	0.6
368	5/10/2016 11:36:06	14.91	48.43	31.62	7.65	7.97	13.9	1.709	91.9	2.6	0.6
369	5/10/2016 11:51:06	14.82	48.60	31.74	7.66	7.98	15.1	1.793	91.9	2.2	0.5
370	5/10/2016 12:06:06	14.75	48.74	31.83	7.71	7.98	12.5	1.875	92.5	2.3	0.5
371	5/10/2016 12:21:06	14.46	49.02	32.03	7.75	7.98	10.0	1.973	92.6	2.9	0.7
372	5/10/2016 12:36:06	14.22	49.24	32.18	7.90	7.99	9.1	2.085	93.9	2.4	0.6
373	5/10/2016 12:51:05	14.21	49.31	32.24	7.95	8.00	10.0	2.195	94.5	2.7	0.6
374	5/10/2016 13:06:05	14.28	49.34	32.26	8.00	8.00	8.7	2.300	95.3	2.5	0.6
375	5/10/2016 13:21:06	14.33	49.37	32.28	8.08	8.01	8.9	2.409	96.3	2.8	0.7
376	5/10/2016 13:36:06	14.29	49.42	32.32	8.05	8.00	10.5	2.521	95.9	2.7	0.6
377	5/10/2016 13:51:06	14.22	49.44	32.33	8.08	8.00	11.2	2.622	96.2	2.7	0.6
378	5/10/2016 14:06:05	14.03	49.48	32.36	8.01	8.00	12.0	2.716	95.0	2.8	0.7
379	5/10/2016 14:21:06	13.84	49.58	32.42	8.12	8.00	15.3	2.823	96.0	3.1	0.7
380	5/10/2016 14:36:06	13.70	49.72	32.52	8.14	8.00	16.1	2.907	96.0	2.7	0.6
381	5/10/2016 14:51:06	13.13	49.95	32.67	8.09	7.99	18.9	2.991	94.4	3.3	0.8
382	5/10/2016 15:06:05	12.53	50.32	32.91	8.13	8.00	14.9	3.080	93.8	5.1	1.2
383	5/10/2016 15:21:05	12.30	50.46	33.00	8.15	8.00	14.1	3.161	93.6	4.0	0.9
384	5/10/2016 15:36:06	12.23	50.50	33.03	8.10	8.00	13.3	3.235	92.9	5.0	1.2
385	5/10/2016 15:51:05	12.19	50.53	33.05	8.10	8.00	12.3	3.297	92.8	4.4	1.0
386	5/10/2016 16:06:05	12.15	50.57	33.08	8.19	8.01	7.9	3.360	93.9	4.3	1.0
387	5/10/2016 16:21:06	12.09	50.60	33.10	8.23	8.01	5.7	3.398	94.2	4.7	1.1
388	5/10/2016 16:36:06	12.01	50.64	33.12	8.16	8.01	5.0	3.421	93.3	5.3	1.3
389	5/10/2016 16:51:05	12.08	50.53	33.05	8.00	8.00	4.5	3.425	91.5	4.0	0.9
390	5/10/2016 17:06:05	12.09	50.63	33.12	8.08	8.00	5.3	3.404	92.5	2.7	0.6
391	5/10/2016 17:21:05	12.13	50.61	33.11	8.15	8.00	5.2	3.375	93.3	3.3	0.8
392	5/10/2016 17:36:06	12.43	50.51	33.04	8.12	8.01	7.2	3.312	93.6	2.5	0.6
393	5/10/2016 17:51:06	12.95	50.35	32.95	8.21	8.01	8.2	3.240	95.6	3.1	0.7
394	5/10/2016 18:06:06	13.35	50.30	32.93	8.53	8.04	6.5	3.155	100.1	2.8	0.7
395	5/10/2016 18:21:06	13.87	50.06	32.77	8.45	8.03	7.0	3.071	100.1	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
396	5/10/2016 18:36:06	14.19	49.84	32.62	8.46	8.04	7.3	2.996	100.8	2.6	0.6
397	5/10/2016 18:51:06	14.30	49.77	32.58	8.49	8.04	6.3	2.908	101.4	3.0	0.7
398	5/10/2016 19:06:06	14.45	49.70	32.53	8.55	8.04	7.2	2.837	102.3	2.8	0.7
399	5/10/2016 19:21:06	14.58	49.62	32.48	8.50	8.04	6.8	2.762	102.0	2.9	0.7
400	5/10/2016 19:36:06	14.64	49.59	32.46	8.49	8.03	7.3	2.677	102.0	2.2	0.5
401	5/10/2016 19:51:06	14.75	49.53	32.41	8.52	8.04	7.3	2.615	102.6	2.8	0.7
402	5/10/2016 20:06:06	14.70	49.61	32.47	8.67	8.05	5.6	2.549	104.2	2.8	0.7
403	5/10/2016 20:21:06	15.04	49.43	32.35	8.54	8.04	6.5	2.487	103.3	3.2	0.8
404	5/10/2016 20:36:06	15.01	49.40	32.33	8.50	8.05	6.2	2.435	102.8	2.5	0.6
405	5/10/2016 20:51:06	15.09	49.43	32.35	8.52	8.04	6.3	2.381	103.2	2.6	0.6
406	5/10/2016 21:06:06	15.36	49.23	32.21	8.43	8.04	6.0	2.348	102.6	2.8	0.7
407	5/10/2016 21:21:05	15.58	49.11	32.13	8.35	8.03	6.5	2.320	102.0	2.4	0.6
408	5/10/2016 21:36:05	15.65	49.07	32.10	7.90	8.00	4.7	2.303	96.7	2.5	0.6
409	5/10/2016 21:51:06	15.69	49.04	32.08	8.07	8.01	7.0	2.300	98.8	3.2	0.8
410	5/10/2016 22:06:06	15.50	49.14	32.15	8.33	8.03	5.7	2.329	101.7	3.3	0.8
411	5/10/2016 22:21:06	15.43	49.19	32.18	8.23	8.02	7.0	2.368	100.2	2.4	0.6
412	5/10/2016 22:36:06	15.40	49.17	32.16	8.29	8.02	7.0	2.408	101.0	2.6	0.6
413	5/10/2016 22:51:06	15.39	49.19	32.18	8.35	8.02	7.5	2.467	101.6	2.6	0.6
414	5/10/2016 23:06:05	15.50	49.15	32.15	8.37	8.03	6.8	2.539	102.1	2.9	0.7
415	5/10/2016 23:21:06	15.01	49.38	32.31	8.34	8.02	6.5	2.611	100.9	2.6	0.6
416	5/10/2016 23:36:06	14.86	49.45	32.36	8.31	8.02	6.0	2.681	100.3	2.5	0.6
417	5/10/2016 23:51:06	14.41	49.67	32.51	8.33	8.02	6.3	2.755	99.6	2.4	0.6
418	5/11/2016 00:06:06	14.07	49.80	32.59	8.30	8.02	6.5	2.832	98.7	2.6	0.6
419	5/11/2016 00:21:06	13.77	49.91	32.66	8.28	8.01	5.9	2.903	97.9	3.2	0.8
420	5/11/2016 00:36:06	13.55	50.01	32.73	8.22	8.01	5.5	2.976	96.7	3.0	0.7
421	5/11/2016 00:51:06	13.43	50.07	32.77	8.23	8.01	5.2	3.055	96.6	3.1	0.7
422	5/11/2016 01:06:06	13.31	50.13	32.81	8.27	8.01	6.1	3.134	96.9	2.8	0.7
423	5/11/2016 01:21:06	13.03	50.19	32.84	8.29	8.01	7.3	3.202	96.6	2.8	0.7
424	5/11/2016 01:36:06	12.67	50.35	32.94	8.27	8.01	7.5	3.288	95.8	3.3	0.8
425	5/11/2016 01:51:06	12.39	50.48	33.02	8.23	8.00	6.5	3.363	94.8	3.1	0.7
426	5/11/2016 02:06:06	12.16	50.56	33.07	8.20	8.00	6.0	3.435	94.0	3.0	0.7
427	5/11/2016 02:21:05	11.98	50.64	33.12	8.14	8.00	5.1	3.504	93.0	3.0	0.7
428	5/11/2016 02:36:06	11.70	50.76	33.19	8.17	8.00	4.7	3.573	92.8	3.4	0.8
429	5/11/2016 02:51:05	11.51	50.84	33.24	8.14	7.99	4.7	3.633	92.1	3.4	0.8
430	5/11/2016 03:06:05	11.41	50.89	33.27	8.13	7.99	11.7	3.677	91.8	3.2	0.7
431	5/11/2016 03:21:05	11.38	50.90	33.28	8.12	7.99	3.9	3.714	91.6	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
432	5/11/2016 03:36:06	11.26	50.95	33.31	8.13	8.00	3.7	3.744	91.6	2.8	0.7
433	5/11/2016 03:51:06	11.55	50.65	33.10	7.93	7.99	2.8	3.747	89.7	2.9	0.7
434	5/11/2016 04:06:06	11.25	50.96	33.31	8.01	7.99	2.5	3.725	90.2	2.3	0.5
435	5/11/2016 04:21:06	11.31	50.94	33.31	8.02	7.99	3.2	3.704	90.4	3.0	0.7
436	5/11/2016 04:36:06	12.46	50.42	32.98	7.98	7.99	6.7	3.645	91.9	2.6	0.6
437	5/11/2016 04:51:06	12.26	50.52	33.05	8.06	7.99	6.0	3.567	92.6	2.3	0.5
438	5/11/2016 05:06:06	12.37	50.42	32.98	8.00	7.99	5.7	3.482	92.0	2.3	0.5
439	5/11/2016 05:21:06	12.33	50.43	32.98	8.03	7.99	5.8	3.380	92.3	2.9	0.7
440	5/11/2016 05:36:06	12.98	50.13	32.79	7.98	7.99	8.3	3.288	92.8	2.4	0.6
441	5/11/2016 05:51:05	13.04	50.11	32.78	8.03	8.00	7.7	3.184	93.6	2.0	0.5
442	5/11/2016 06:06:06	13.25	50.00	32.71	8.01	8.00	7.0	3.056	93.7	2.0	0.5
443	5/11/2016 06:21:06	13.25	49.93	32.66	8.01	7.99	7.2	2.950	93.6	2.1	0.5
444	5/11/2016 06:36:06	13.28	49.99	32.70	7.96	7.99	7.2	2.843	93.1	2.3	0.5
445	5/11/2016 06:51:06	13.59	49.84	32.60	8.05	8.00	7.8	2.727	94.8	1.6	0.4
446	5/11/2016 07:06:06	13.43	49.91	32.65	7.98	7.99	7.1	2.602	93.7	1.7	0.4
447	5/11/2016 07:21:05	13.83	49.73	32.53	7.99	7.99	7.9	2.478	94.5	2.6	0.6
448	5/11/2016 07:36:06	14.46	49.44	32.34	7.95	8.00	9.7	2.353	95.1	2.6	0.6
449	5/11/2016 07:51:06	14.27	49.54	32.41	8.07	8.00	8.3	2.208	96.2	2.4	0.6
450	5/11/2016 08:06:06	14.72	49.35	32.28	8.05	8.00	8.8	2.080	96.7	1.8	0.4
451	5/11/2016 08:21:05	14.96	49.25	32.21	8.08	8.01	9.2	1.942	97.6	2.3	0.5
452	5/11/2016 08:36:06	15.16	49.18	32.17	8.09	8.02	9.7	1.810	98.1	2.1	0.5
453	5/11/2016 08:51:06	15.43	49.04	32.07	7.94	8.00	9.4	1.673	96.7	1.9	0.4
454	5/11/2016 09:06:06	15.51	49.03	32.07	7.86	8.00	8.9	1.555	95.8	2.2	0.5
455	5/11/2016 09:21:06	15.64	49.00	32.05	7.93	8.01	9.4	1.445	96.9	2.0	0.5
456	5/11/2016 09:36:06	15.80	48.95	32.01	7.87	8.01	8.9	1.343	96.5	2.8	0.7
457	5/11/2016 09:51:05	15.96	48.92	31.99	7.85	8.00	8.9	1.288	96.5	2.4	0.6
458	5/11/2016 10:06:06	16.07	48.89	31.97	7.85	8.01	9.7	1.254	96.7	2.5	0.6
459	5/11/2016 10:21:06	15.97	48.96	32.02	7.91	8.01	10.7	1.245	97.3	2.5	0.6
460	5/11/2016 10:36:06	15.96	48.94	32.01	7.87	8.00	10.6	1.278	96.8	2.5	0.6
461	5/11/2016 10:51:06	15.93	48.94	32.01	7.84	8.00	10.7	1.356	96.4	3.2	0.8
462	5/11/2016 11:06:06	15.99	48.94	32.01	7.85	8.00	10.1	1.413	96.6	2.2	0.5
463	5/11/2016 11:21:06	16.21	48.57	31.75	7.81	7.99	11.5	1.485	96.4	3.0	0.7
464	5/11/2016 11:36:06	16.15	48.48	31.68	7.72	7.99	11.6	1.569	95.1	2.4	0.6
465	5/11/2016 11:51:06	16.05	48.52	31.70	7.72	7.98	11.6	1.640	95.0	2.8	0.7
466	5/11/2016 12:06:06	15.88	48.62	31.77	7.62	7.98	13.2	1.725	93.4	2.6	0.6
467	5/11/2016 12:21:06	16.11	48.55	31.73	7.72	7.98	11.8	1.795	95.1	2.9	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	Fluorescence %FS
468	5/11/2016 12:36:06	15.77	48.79	31.89	7.65	7.98	12.6	1.873	93.7	3.1	0.7
469	5/11/2016 12:51:06	15.63	48.86	31.94	7.66	7.98	12.4	1.959	93.5	2.7	0.6
470	5/11/2016 13:06:06	15.44	48.98	32.03	7.70	7.98	9.4	2.054	93.8	2.9	0.7
471	5/11/2016 13:21:06	14.87	49.32	32.26	7.83	7.99	7.6	2.141	94.4	2.6	0.6
472	5/11/2016 13:36:06	14.83	49.37	32.30	7.88	7.99	7.2	2.236	95.0	2.4	0.6
473	5/11/2016 13:51:06	14.87	49.42	32.34	8.00	8.00	6.7	2.354	96.4	2.6	0.6
474	5/11/2016 14:06:06	14.95	49.44	32.35	7.99	8.00	6.8	2.445	96.5	2.0	0.5
475	5/11/2016 14:21:06	14.88	49.49	32.39	8.01	8.00	9.4	2.540	96.6	2.6	0.6
476	5/11/2016 14:36:06	14.82	49.48	32.38	8.03	8.00	9.5	2.631	96.8	2.4	0.6
477	5/11/2016 14:51:05	14.58	49.55	32.43	8.05	8.00	9.2	2.731	96.5	2.7	0.6
478	5/11/2016 15:06:06	14.36	49.66	32.50	8.03	8.00	8.6	2.821	95.9	2.4	0.6
479	5/11/2016 15:21:06	14.22	49.75	32.56	8.14	8.00	11.2	2.895	97.0	2.7	0.7
480	5/11/2016 15:36:06	14.06	49.86	32.63	8.17	8.00	10.0	2.983	97.1	2.9	0.7
481	5/11/2016 15:51:06	13.72	49.97	32.70	8.15	8.00	9.0	3.063	96.3	3.2	0.8
482	5/11/2016 16:06:05	13.20	50.23	32.88	8.14	8.00	9.0	3.146	95.3	3.5	0.8
483	5/11/2016 16:21:06	12.80	50.44	33.01	8.16	8.00	7.7	3.205	94.7	3.6	0.9
484	5/11/2016 16:36:06	12.55	50.57	33.10	8.17	8.01	7.0	3.279	94.4	4.2	1.0
485	5/11/2016 16:51:05	12.36	50.63	33.13	8.24	8.01	6.7	3.346	94.8	4.4	1.0
486	5/11/2016 17:06:05	12.36	50.64	33.14	8.21	8.01	5.3	3.383	94.6	4.0	0.9
487	5/11/2016 17:21:06	12.38	50.64	33.14	8.26	8.02	4.7	3.428	95.2	3.9	0.9
488	5/11/2016 17:36:06	12.38	50.64	33.14	8.20	8.02	3.9	3.451	94.4	3.7	0.9
489	5/11/2016 17:51:05	12.49	50.62	33.13	8.14	8.01	3.6	3.462	94.0	3.5	0.8
490	5/11/2016 18:06:06	12.43	50.63	33.13	8.13	8.01	3.9	3.449	93.7	3.4	0.8
491	5/11/2016 18:21:06	12.47	50.62	33.13	8.20	8.01	4.5	3.406	94.6	3.1	0.7
492	5/11/2016 18:36:05	12.53	50.61	33.12	8.17	8.01	4.0	3.359	94.3	3.1	0.7
493	5/11/2016 18:51:06	13.24	50.37	32.98	8.22	8.02	5.1	3.303	96.2	2.9	0.7
494	5/11/2016 19:06:06	13.57	50.32	32.96	8.43	8.04	6.0	3.219	99.5	3.3	0.8
495	5/11/2016 19:21:06	13.26	50.35	32.96	8.39	8.03	5.8	3.134	98.3	2.8	0.7
496	5/11/2016 19:36:06	14.03	50.03	32.76	8.25	8.02	6.1	3.059	98.1	2.0	0.5
497	5/11/2016 19:51:06	14.72	49.77	32.59	8.29	8.03	6.6	2.999	99.9	2.6	0.6
498	5/11/2016 20:06:06	14.70	49.78	32.60	8.25	8.03	10.4	2.905	99.3	2.5	0.6
499	5/11/2016 20:21:06	14.75	49.74	32.57	8.24	8.03	28.8	2.839	99.3	2.3	0.5
500	5/11/2016 20:36:06	14.95	49.65	32.50	8.33	8.03	14.0	2.788	100.7	3.0	0.7
501	5/11/2016 20:51:06	14.91	49.66	32.51	8.14	8.02	7.0	2.712	98.4	2.3	0.5
502	5/11/2016 21:06:06	14.90	49.67	32.52	8.14	8.02	6.7	2.660	98.4	2.4	0.6
503	5/11/2016 21:21:06	15.02	49.62	32.49	8.18	8.02	6.3	2.604	99.1	2.7	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	Fluorescence %FS
504	5/11/2016 21:36:06	14.90	49.67	32.52	8.27	8.02	6.4	2.566	99.9	2.1	0.5
505	5/11/2016 21:51:05	15.36	49.49	32.40	8.20	8.02	6.0	2.511	99.9	2.8	0.7
506	5/11/2016 22:06:06	15.85	49.27	32.25	8.17	8.02	6.0	2.474	100.4	3.0	0.7
507	5/11/2016 22:21:06	15.79	49.30	32.27	8.12	8.02	5.6	2.452	99.8	2.5	0.6
508	5/11/2016 22:36:06	15.91	49.21	32.21	8.07	8.02	6.0	2.440	99.3	3.3	0.8
509	5/11/2016 22:51:06	15.96	49.21	32.21	7.87	8.01	5.8	2.428	96.9	3.8	0.9
510	5/11/2016 23:06:06	15.69	49.31	32.27	8.05	8.02	5.7	2.432	98.7	2.8	0.7
511	5/11/2016 23:21:06	15.67	49.32	32.28	8.06	8.01	5.9	2.467	98.8	2.4	0.6
512	5/11/2016 23:36:06	15.58	49.36	32.31	8.08	8.01	6.3	2.492	98.8	2.7	0.7
513	5/11/2016 23:51:06	15.50	49.38	32.32	8.05	8.01	6.4	2.537	98.3	2.2	0.5
514	5/12/2016 00:06:06	15.47	49.37	32.32	8.11	8.01	5.9	2.591	99.0	2.9	0.7
515	5/12/2016 00:21:06	15.39	49.43	32.35	8.10	8.01	5.6	2.642	98.8	1.9	0.5
516	5/12/2016 00:36:06	15.18	49.50	32.40	8.14	8.01	5.5	2.705	98.8	2.5	0.6
517	5/12/2016 00:51:06	15.00	49.57	32.45	8.16	8.01	5.2	2.775	98.8	2.9	0.7
518	5/12/2016 01:06:06	14.58	49.78	32.59	8.17	8.01	5.5	2.826	98.1	2.6	0.6
519	5/12/2016 01:21:06	14.18	49.89	32.66	8.22	8.02	5.2	2.891	97.9	3.1	0.7
520	5/12/2016 01:36:06	14.05	49.95	32.70	8.23	8.02	5.3	2.959	97.9	2.5	0.6
521	5/12/2016 01:51:06	13.73	50.06	32.77	8.26	8.01	4.7	3.022	97.5	2.8	0.7
522	5/12/2016 02:06:06	13.50	50.13	32.82	8.26	8.02	4.5	3.086	97.2	2.5	0.6
523	5/12/2016 02:21:06	13.42	50.17	32.84	8.29	8.02	4.4	3.151	97.4	3.1	0.7
524	5/12/2016 02:36:06	13.33	50.21	32.87	8.37	8.03	4.3	3.225	98.2	2.7	0.7
525	5/12/2016 02:51:06	13.10	50.30	32.92	8.45	8.03	4.4	3.292	98.7	2.8	0.7
526	5/12/2016 03:06:06	12.79	50.37	32.96	8.59	8.04	4.3	3.356	99.6	3.7	0.9
527	5/12/2016 03:21:05	12.64	50.39	32.97	8.60	8.05	4.8	3.413	99.5	3.8	0.9
528	5/12/2016 03:36:06	12.49	50.36	32.94	8.63	8.05	4.5	3.473	99.5	4.5	1.1
529	5/12/2016 03:51:06	12.26	50.52	33.05	8.80	8.06	4.7	3.523	101.0	3.6	0.8
530	5/12/2016 04:06:05	12.17	50.55	33.06	8.81	8.06	4.7	3.553	101.0	4.1	1.0
531	5/12/2016 04:21:05	12.11	50.60	33.10	8.85	8.06	3.9	3.587	101.3	4.3	1.0
532	5/12/2016 04:36:05	12.08	50.61	33.10	8.82	8.06	3.9	3.606	100.9	4.3	1.0
533	5/12/2016 04:51:06	12.19	50.57	33.08	8.64	8.05	2.9	3.603	99.1	3.2	0.8
534	5/12/2016 05:06:06	12.09	50.58	33.08	8.72	8.06	2.7	3.578	99.8	3.4	0.8
535	5/12/2016 05:21:06	12.14	50.56	33.07	8.71	8.06	3.2	3.544	99.8	2.5	0.6
536	5/12/2016 05:36:06	12.61	50.43	33.00	8.44	8.04	4.9	3.489	97.6	3.2	0.8
537	5/12/2016 05:51:05	13.14	50.28	32.91	8.16	8.02	6.7	3.422	95.3	2.5	0.6
538	5/12/2016 06:06:06	12.95	50.31	32.93	8.34	8.03	5.6	3.325	97.1	2.9	0.7
539	5/12/2016 06:21:06	13.51	50.08	32.77	8.09	8.01	6.4	3.245	95.1	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
540	5/12/2016 06:36:06	13.75	50.01	32.74	7.98	8.00	7.0	3.167	94.3	1.8	0.4
541	5/12/2016 06:51:06	13.75	50.02	32.74	8.06	8.01	6.6	3.060	95.3	1.4	0.3
542	5/12/2016 07:06:06	13.94	49.95	32.69	7.96	8.00	6.8	2.955	94.4	1.7	0.4
543	5/12/2016 07:21:06	13.89	49.95	32.70	7.96	8.00	5.9	2.872	94.4	2.1	0.5
544	5/12/2016 07:36:06	14.36	49.78	32.59	7.94	8.00	6.2	2.766	95.0	1.9	0.5
545	5/12/2016 07:51:06	14.19	49.85	32.63	7.89	8.00	5.6	2.661	94.0	1.5	0.4
546	5/12/2016 08:06:06	14.65	49.60	32.46	7.94	8.00	6.4	2.558	95.4	1.7	0.4
547	5/12/2016 08:21:06	14.72	49.64	32.49	7.89	7.99	6.8	2.440	94.9	1.7	0.4
548	5/12/2016 08:36:06	15.09	49.54	32.43	7.83	7.99	6.5	2.325	94.9	1.9	0.4
549	5/12/2016 08:51:06	15.18	49.47	32.38	7.89	8.00	7.1	2.215	95.8	2.1	0.5
550	5/12/2016 09:06:06	15.34	49.45	32.37	7.92	8.00	7.3	2.085	96.4	2.0	0.5
551	5/12/2016 09:21:05	15.74	49.28	32.25	7.83	8.00	8.2	1.972	96.0	2.0	0.5
552	5/12/2016 09:36:05	16.00	49.22	32.21	7.83	8.01	8.0	1.861	96.5	2.3	0.5
553	5/12/2016 09:51:06	16.20	49.16	32.17	7.78	8.01	8.6	1.740	96.2	2.6	0.6
554	5/12/2016 10:06:05	16.52	49.06	32.10	7.56	8.00	9.3	1.659	94.1	2.6	0.6
555	5/12/2016 10:21:05	16.53	49.05	32.10	7.55	8.00	12.6	1.572	93.9	2.3	0.6
556	5/12/2016 10:36:05	16.67	49.01	32.07	7.46	7.99	12.6	1.508	93.1	2.9	0.7
557	5/12/2016 10:51:06	16.72	48.99	32.06	7.39	7.99	10.8	1.482	92.3	2.7	0.6
558	5/12/2016 11:06:05	16.75	48.99	32.05	7.02	7.97	9.7	1.457	87.7	2.3	0.5
559	5/12/2016 11:21:06	16.64	49.01	32.07	7.36	7.99	16.1	1.460	91.7	2.8	0.7
560	5/12/2016 11:36:06	16.58	49.02	32.07	7.44	7.99	13.1	1.491	92.7	3.2	0.7
561	5/12/2016 11:51:05	16.59	49.01	32.07	7.47	7.99	11.1	1.541	93.1	2.6	0.6
562	5/12/2016 12:06:05	16.59	49.01	32.07	7.44	7.99	10.9	1.584	92.7	2.5	0.6
563	5/12/2016 12:21:05	16.60	49.00	32.06	7.48	7.99	9.3	1.657	93.2	2.8	0.7
564	5/12/2016 12:36:05	16.59	48.90	31.99	7.46	7.98	10.5	1.726	92.9	2.6	0.6
565	5/12/2016 12:51:06	16.52	48.89	31.98	7.43	7.98	12.2	1.786	92.3	3.1	0.7
566	5/12/2016 13:06:05	16.47	48.83	31.93	7.33	7.97	14.8	1.864	91.0	2.4	0.6
567	5/12/2016 13:21:05	16.44	48.79	31.91	7.35	7.97	13.9	1.938	91.2	2.4	0.6
568	5/12/2016 13:36:06	16.35	48.86	31.95	7.36	7.97	14.5	2.017	91.2	2.4	0.6
569	5/12/2016 13:51:06	15.96	49.06	32.09	7.45	7.97	20.0	2.095	91.6	1.9	0.4
570	5/12/2016 14:06:06	15.85	49.13	32.15	7.50	7.97	12.0	2.177	92.2	1.7	0.4
571	5/12/2016 14:21:06	15.32	49.38	32.32	7.61	7.98	8.5	2.260	92.6	2.4	0.6
572	5/12/2016 14:36:06	15.16	49.47	32.38	7.72	7.99	6.6	2.354	93.7	2.2	0.5
573	5/12/2016 14:51:06	15.11	49.53	32.42	7.78	7.99	6.8	2.444	94.4	2.8	0.7
574	5/12/2016 15:06:06	15.08	49.57	32.45	7.84	8.00	6.7	2.529	95.0	3.0	0.7
575	5/12/2016 15:21:06	15.00	49.60	32.47	7.88	8.00	6.2	2.620	95.3	2.7	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	Fluorescence %FS
576	5/12/2016 15:36:06	14.87	49.64	32.50	7.91	8.00	6.8	2.706	95.5	2.6	0.6
577	5/12/2016 15:51:06	14.66	49.64	32.49	7.91	8.00	7.6	2.785	95.1	2.3	0.5
578	5/12/2016 16:06:06	14.44	49.70	32.53	7.90	8.00	8.4	2.864	94.6	2.3	0.5
579	5/12/2016 16:21:06	14.30	49.77	32.58	8.04	8.01	8.7	2.942	96.0	3.1	0.7
580	5/12/2016 16:36:06	14.07	49.89	32.65	8.23	8.02	9.3	3.020	97.9	3.3	0.8
581	5/12/2016 16:51:06	13.90	49.97	32.71	8.29	8.03	8.4	3.096	98.2	3.2	0.8
582	5/12/2016 17:06:06	13.64	50.04	32.75	8.51	8.04	8.1	3.162	100.4	4.2	1.0
583	5/12/2016 17:21:06	13.25	50.14	32.81	8.79	8.07	7.7	3.239	102.9	4.5	1.1
584	5/12/2016 17:36:06	12.93	50.27	32.89	9.22	8.10	7.5	3.295	107.2	6.7	1.6
585	5/12/2016 17:51:06	12.81	50.32	32.92	9.46	8.11	8.4	3.351	109.8	6.7	1.6
586	5/12/2016 18:06:06	12.75	50.34	32.94	9.53	8.12	5.6	3.402	110.5	6.3	1.5
587	5/12/2016 18:21:06	12.71	50.35	32.94	9.61	8.13	4.6	3.431	111.3	5.6	1.3
588	5/12/2016 18:36:06	12.70	50.30	32.91	9.61	8.13	4.5	3.449	111.3	8.4	2.0
589	5/12/2016 18:51:06	12.79	50.33	32.93	9.52	8.12	3.3	3.446	110.4	12.6	3.0
590	5/12/2016 19:06:06	12.80	50.31	32.92	9.38	8.11	3.4	3.438	108.8	4.6	1.1
591	5/12/2016 19:21:06	12.78	50.28	32.90	9.46	8.12	4.5	3.397	109.7	5.9	1.4
592	5/12/2016 19:36:06	12.86	50.26	32.88	9.47	8.12	5.2	3.339	110.0	4.1	1.0
593	5/12/2016 19:51:06	13.39	50.10	32.79	8.91	8.08	5.7	3.293	104.6	3.8	0.9
594	5/12/2016 20:06:05	13.61	50.06	32.77	8.86	8.08	6.4	3.220	104.4	5.1	1.2
595	5/12/2016 20:21:06	13.58	50.06	32.76	8.90	8.08	5.3	3.147	104.9	3.3	0.8
596	5/12/2016 20:36:06	14.26	49.88	32.66	8.42	8.04	17.5	3.073	100.5	3.5	0.8
597	5/12/2016 20:51:06	14.49	49.81	32.61	8.21	8.03	6.7	3.007	98.4	3.5	0.8
598	5/12/2016 21:06:06	14.58	49.77	32.58	8.21	8.03	7.9	2.946	98.6	3.8	0.9
599	5/12/2016 21:21:06	14.69	49.74	32.56	8.11	8.02	7.3	2.873	97.6	2.7	0.6
600	5/12/2016 21:36:06	14.67	49.72	32.55	8.12	8.02	7.2	2.809	97.7	3.7	0.9
601	5/12/2016 21:51:06	14.83	49.67	32.52	8.03	8.01	6.5	2.759	96.8	2.5	0.6
602	5/12/2016 22:06:06	14.91	49.64	32.50	7.95	8.01	5.8	2.706	96.1	2.9	0.7
603	5/12/2016 22:21:06	15.07	49.58	32.46	7.97	8.01	6.7	2.638	96.6	2.5	0.6
604	5/12/2016 22:36:06	14.92	49.63	32.49	7.97	8.01	8.9	2.602	96.3	2.8	0.7
605	5/12/2016 22:51:06	15.27	49.48	32.39	7.90	8.01	8.3	2.549	96.1	2.9	0.7
606	5/12/2016 23:06:06	15.68	49.32	32.28	7.74	8.00	6.5	2.510	94.8	3.1	0.7
607	5/12/2016 23:21:06	15.71	49.30	32.27	7.70	7.99	8.3	2.485	94.4	2.8	0.7
608	5/12/2016 23:36:06	15.70	49.30	32.26	7.66	7.99	6.2	2.441	93.9	2.6	0.6
609	5/12/2016 23:51:06	15.83	49.27	32.25	7.58	7.98	6.3	2.453	93.1	5.1	1.2
610	5/13/2016 00:06:06	15.70	49.31	32.27	7.47	7.98	5.6	2.435	91.5	3.2	0.8
611	5/13/2016 00:21:06	15.65	49.31	32.27	7.68	7.99	6.1	2.438	94.1	2.7	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	Fluorescence %FS
612	5/13/2016 00:36:06	15.69	49.29	32.26	7.70	7.99	6.1	2.469	94.3	2.8	0.7
613	5/13/2016 00:51:06	15.60	49.32	32.28	7.65	7.99	6.5	2.497	93.6	2.6	0.6
614	5/13/2016 01:06:06	15.40	49.40	32.34	7.65	7.99	7.1	2.531	93.2	2.5	0.6
615	5/13/2016 01:21:06	15.25	49.47	32.38	7.75	7.99	6.2	2.585	94.2	3.0	0.7
616	5/13/2016 01:36:06	15.33	49.38	32.32	7.76	8.00	6.0	2.642	94.4	2.9	0.7
617	5/13/2016 01:51:06	15.12	49.51	32.41	7.84	8.00	5.7	2.687	95.0	2.0	0.5
618	5/13/2016 02:06:06	14.98	49.56	32.44	7.88	8.00	5.5	2.754	95.3	2.5	0.6
619	5/13/2016 02:21:06	14.75	49.64	32.50	7.96	8.01	5.4	2.814	95.8	2.8	0.7
620	5/13/2016 02:36:06	14.42	49.77	32.58	8.18	8.02	5.0	2.865	97.9	3.0	0.7
621	5/13/2016 02:51:06	14.20	49.85	32.63	8.28	8.03	4.7	2.932	98.7	3.0	0.7
622	5/13/2016 03:06:06	13.98	49.92	32.68	8.42	8.04	4.8	2.982	100.0	3.1	0.7
623	5/13/2016 03:21:06	13.85	49.98	32.71	8.49	8.05	4.5	3.049	100.5	3.5	0.8
624	5/13/2016 03:36:06	13.71	50.02	32.74	8.60	8.06	4.2	3.103	101.6	3.6	0.8
625	5/13/2016 03:51:06	13.61	50.06	32.77	8.63	8.06	3.8	3.154	101.7	3.4	0.8
626	5/13/2016 04:06:06	13.55	50.08	32.78	8.57	8.05	3.8	3.216	100.9	2.9	0.7
627	5/13/2016 04:21:06	13.43	50.10	32.79	8.52	8.05	3.9	3.260	100.0	3.3	0.8
628	5/13/2016 04:36:06	13.26	50.12	32.79	8.63	8.06	12.3	3.301	101.0	2.8	0.7
629	5/13/2016 04:51:06	13.06	50.19	32.84	8.67	8.07	4.5	3.344	101.2	3.3	0.8
630	5/13/2016 05:06:06	12.95	50.23	32.86	8.76	8.07	3.7	3.377	102.0	3.4	0.8
631	5/13/2016 05:21:06	12.88	50.27	32.89	8.78	8.07	3.2	3.395	102.0	3.6	0.9
632	5/13/2016 05:36:06	12.75	50.29	32.90	8.80	8.07	2.9	3.404	102.0	2.5	0.6
633	5/13/2016 05:51:06	12.69	50.34	32.93	8.68	8.07	2.8	3.420	100.5	1.6	0.4
634	5/13/2016 06:06:06	12.67	50.32	32.92	8.79	8.07	2.5	3.401	101.8	2.7	0.6
635	5/13/2016 06:21:06	12.83	50.27	32.89	8.71	8.07	2.6	3.382	101.1	1.8	0.4
636	5/13/2016 06:36:06	13.84	49.86	32.63	8.12	8.02	6.0	3.330	96.1	2.3	0.5
637	5/13/2016 06:51:06	14.03	49.73	32.54	7.96	8.01	7.9	3.279	94.5	1.4	0.3
638	5/13/2016 07:06:06	14.10	49.75	32.56	7.89	8.01	6.9	3.222	93.8	2.6	0.6
639	5/13/2016 07:21:06	13.70	50.01	32.73	8.21	8.03	5.1	3.138	97.0	2.6	0.6
640	5/13/2016 07:36:06	13.96	49.87	32.64	8.10	8.02	5.5	3.067	96.1	1.9	0.5
641	5/13/2016 07:51:06	14.10	49.83	32.61	8.03	8.01	5.9	2.988	95.6	1.7	0.4
642	5/13/2016 08:06:06	14.22	49.79	32.59	7.85	8.00	6.2	2.904	93.6	1.9	0.5
643	5/13/2016 08:21:06	14.38	49.73	32.55	7.81	7.99	8.2	2.817	93.3	2.5	0.6
644	5/13/2016 08:36:06	14.56	49.66	32.50	7.67	7.99	7.0	2.733	92.1	1.9	0.4
645	5/13/2016 08:51:06	14.67	49.62	32.48	7.61	7.98	6.8	2.637	91.5	2.1	0.5
646	5/13/2016 09:06:06	15.00	49.50	32.40	7.61	7.98	6.4	2.549	92.0	1.6	0.4
647	5/13/2016 09:21:06	15.12	49.46	32.37	7.59	7.98	6.2	2.456	92.0	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
648	5/13/2016 09:36:06	15.12	49.48	32.39	7.74	7.99	6.5	2.351	93.8	2.1	0.5
649	5/13/2016 09:51:06	15.29	49.43	32.35	7.78	8.00	6.7	2.257	94.6	2.4	0.6
650	5/13/2016 10:06:06	15.38	49.44	32.36	7.93	8.01	6.7	2.151	96.6	2.4	0.6
651	5/13/2016 10:21:06	15.65	49.35	32.30	7.78	8.01	8.9	2.055	95.3	2.6	0.6
652	5/13/2016 10:36:06	15.85	49.26	32.24	7.78	8.01	8.4	1.967	95.6	2.5	0.6
653	5/13/2016 10:51:06	15.98	49.24	32.23	7.86	8.02	8.9	1.877	96.9	2.5	0.6
654	5/13/2016 11:06:06	16.19	49.18	32.19	7.69	8.01	9.2	1.805	95.2	2.0	0.5
655	5/13/2016 11:21:06	16.31	49.15	32.17	7.63	8.01	9.4	1.738	94.6	1.9	0.5
656	5/13/2016 11:36:06	16.42	49.12	32.15	7.54	8.01	11.5	1.694	93.7	2.6	0.6
657	5/13/2016 11:51:05	16.52	49.10	32.13	7.43	8.00	11.5	1.667	92.5	2.6	0.6
658	5/13/2016 12:06:05	16.57	49.02	32.07	7.25	7.98	10.1	1.640	90.3	3.0	0.7
659	5/13/2016 12:21:05	16.55	49.11	32.14	7.37	7.99	16.1	1.654	91.8	3.0	0.7
660	5/13/2016 12:36:05	16.41	49.10	32.13	7.45	7.99	14.7	1.663	92.5	2.8	0.7
661	5/13/2016 12:51:06	16.32	49.11	32.14	7.40	7.99	12.3	1.713	91.7	2.5	0.6
662	5/13/2016 13:06:06	16.34	49.12	32.14	7.35	7.98	12.4	1.745	91.2	2.7	0.7
663	5/13/2016 13:21:06	16.35	49.11	32.14	7.28	7.98	12.6	1.800	90.3	2.8	0.7
664	5/13/2016 13:36:06	16.29	49.11	32.14	7.27	7.97	15.5	1.871	90.1	2.9	0.7
665	5/13/2016 13:51:06	16.29	49.04	32.08	7.29	7.97	12.0	1.923	90.3	2.4	0.6
666	5/13/2016 14:06:06	16.14	48.99	32.05	7.22	7.96	13.3	2.005	89.1	2.4	0.6
667	5/13/2016 14:21:06	16.07	48.98	32.04	7.22	7.96	15.8	2.064	89.0	2.6	0.6
668	5/13/2016 14:36:06	15.99	49.01	32.06	7.19	7.96	15.6	2.138	88.5	2.7	0.7
669	5/13/2016 14:51:06	15.61	49.17	32.17	7.31	7.97	15.1	2.223	89.4	2.5	0.6
670	5/13/2016 15:06:06	15.42	49.24	32.22	7.45	7.97	9.9	2.293	90.8	2.4	0.6
671	5/13/2016 15:21:06	15.21	49.37	32.31	7.55	7.98	7.8	2.372	91.6	2.7	0.6
672	5/13/2016 15:36:06	15.01	49.50	32.40	7.71	7.99	7.4	2.450	93.2	2.6	0.6
673	5/13/2016 15:51:06	14.87	49.59	32.46	7.79	8.00	5.6	2.531	94.0	3.1	0.7
674	5/13/2016 16:06:06	14.84	49.62	32.48	7.80	8.00	5.3	2.610	94.0	2.1	0.5
675	5/13/2016 16:21:06	14.85	49.63	32.49	7.82	8.00	6.4	2.679	94.4	2.2	0.5
676	5/13/2016 16:36:06	14.79	49.66	32.51	7.90	8.01	5.8	2.758	95.2	2.3	0.5
677	5/13/2016 16:51:06	14.74	49.66	32.51	7.94	8.01	6.1	2.836	95.6	2.2	0.5
678	5/13/2016 17:06:07	14.50	49.66	32.50	8.04	8.01	7.3	2.915	96.4	2.9	0.7
679	5/13/2016 17:21:06	14.33	49.76	32.57	8.18	8.03	8.3	2.990	97.7	2.6	0.6
680	5/13/2016 17:36:06	14.15	49.82	32.61	8.39	8.04	8.9	3.059	100.0	2.8	0.7
681	5/13/2016 17:51:06	13.94	49.92	32.67	8.50	8.05	7.9	3.141	100.8	4.0	0.9
682	5/13/2016 18:06:06	13.72	50.00	32.72	8.71	8.06	9.6	3.217	102.9	3.8	0.9
683	5/13/2016 18:21:06	13.40	50.10	32.79	8.91	8.08	7.3	3.279	104.6	4.6	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
684	5/13/2016 18:36:06	13.05	50.24	32.88	9.18	8.10	6.2	3.336	107.1	4.2	1.0
685	5/13/2016 18:51:06	12.80	50.35	32.94	9.52	8.12	4.8	3.395	110.5	6.0	1.4
686	5/13/2016 19:06:06	12.72	50.40	32.98	9.63	8.13	4.8	3.434	111.6	6.1	1.4
687	5/13/2016 19:21:06	12.69	50.42	32.99	9.67	8.14	4.1	3.454	112.1	4.9	1.2
688	5/13/2016 19:36:06	12.67	50.44	33.01	9.46	8.13	3.5	3.470	109.5	5.3	1.3
689	5/13/2016 19:51:06	12.68	50.45	33.02	9.61	8.13	4.0	3.471	111.2	5.6	1.3
690	5/13/2016 20:06:06	12.68	50.45	33.01	9.59	8.13	4.0	3.447	111.1	4.6	1.1
691	5/13/2016 20:21:06	12.72	50.43	33.00	9.55	8.13	4.7	3.401	110.7	4.1	1.0
692	5/13/2016 20:36:06	12.87	50.37	32.96	9.39	8.12	4.1	3.352	109.1	4.4	1.0
693	5/13/2016 20:51:06	13.77	50.07	32.78	8.62	8.07	6.9	3.301	102.0	3.2	0.8
694	5/13/2016 21:06:06	13.88	50.04	32.76	8.61	8.07	6.1	3.239	102.1	3.5	0.8
695	5/13/2016 21:21:06	13.60	50.14	32.83	8.76	8.07	5.7	3.154	103.3	3.8	0.9
696	5/13/2016 21:36:06	14.28	49.88	32.66	8.31	8.04	6.9	3.093	99.3	3.1	0.7
697	5/13/2016 21:51:06	14.58	49.79	32.60	8.27	8.04	7.5	3.030	99.3	2.9	0.7
698	5/13/2016 22:06:06	14.72	49.74	32.57	8.17	8.04	6.0	2.966	98.4	2.0	0.5
699	5/13/2016 22:21:06	14.84	49.70	32.54	8.06	8.03	6.5	2.898	97.2	2.6	0.6
700	5/13/2016 22:36:06	14.82	49.70	32.54	8.05	8.02	5.9	2.832	97.1	2.2	0.5
701	5/13/2016 22:51:06	14.86	49.69	32.53	7.97	8.02	6.8	2.776	96.2	3.0	0.7
702	5/13/2016 23:06:06	14.95	49.63	32.49	7.86	8.01	6.4	2.717	95.0	2.1	0.5
703	5/13/2016 23:21:06	15.10	49.63	32.49	7.72	8.00	7.8	2.652	93.7	3.0	0.7
704	5/13/2016 23:36:06	15.24	49.54	32.43	7.65	8.00	8.0	2.597	93.0	2.3	0.5
705	5/13/2016 23:51:06	15.32	49.48	32.39	7.67	7.99	6.5	2.550	93.4	2.6	0.6
706	5/14/2016 00:06:06	15.31	49.49	32.40	7.66	7.99	6.6	2.509	93.3	2.8	0.7
707	5/14/2016 00:21:06	15.56	49.35	32.30	7.55	7.99	6.7	2.448	92.3	2.6	0.6
708	5/14/2016 00:36:06	15.55	49.34	32.29	7.51	7.98	6.5	2.417	91.8	3.1	0.7
709	5/14/2016 00:51:06	15.82	49.23	32.21	7.35	7.97	6.2	2.399	90.2	2.3	0.5
710	5/14/2016 01:06:06	15.84	49.20	32.20	7.35	7.97	7.6	2.377	90.2	2.4	0.6
711	5/14/2016 01:21:06	15.86	49.20	32.19	7.25	7.97	5.9	2.364	89.1	2.5	0.6
712	5/14/2016 01:36:06	15.76	49.25	32.23	7.36	7.97	7.7	2.375	90.3	2.6	0.6
713	5/14/2016 01:51:06	15.62	49.28	32.25	7.43	7.98	6.8	2.393	90.9	2.6	0.6
714	5/14/2016 02:06:06	15.58	49.10	32.12	7.51	7.98	6.9	2.421	91.7	2.2	0.5
715	5/14/2016 02:21:06	15.57	49.09	32.11	7.49	7.98	6.6	2.453	91.5	3.0	0.7
716	5/14/2016 02:36:06	15.43	49.13	32.14	7.57	7.98	6.4	2.514	92.3	2.2	0.5
717	5/14/2016 02:51:06	15.49	49.07	32.09	7.59	7.99	6.4	2.562	92.6	2.2	0.5
718	5/14/2016 03:06:06	15.37	49.13	32.14	7.59	7.99	6.0	2.613	92.3	2.0	0.5
719	5/14/2016 03:21:06	15.21	49.22	32.20	7.67	7.99	6.1	2.678	93.1	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
720	5/14/2016 03:36:06	15.06	49.28	32.24	7.76	7.99	5.7	2.734	93.9	2.5	0.6
721	5/14/2016 03:51:06	14.76	49.39	32.31	7.88	8.01	5.3	2.793	94.9	2.5	0.6
722	5/14/2016 04:06:06	14.54	49.49	32.38	8.00	8.02	5.4	2.846	95.9	2.3	0.5
723	5/14/2016 04:21:06	14.38	49.53	32.40	8.14	8.02	5.4	2.900	97.2	2.2	0.5
724	5/14/2016 04:36:06	14.17	49.59	32.44	8.21	8.03	4.3	2.955	97.7	2.2	0.5
725	5/14/2016 04:51:06	14.03	49.65	32.48	8.28	8.04	4.1	3.006	98.2	2.6	0.6
726	5/14/2016 05:06:06	13.90	49.70	32.51	8.33	8.04	3.7	3.051	98.6	2.3	0.6
727	5/14/2016 05:21:06	13.82	49.73	32.53	8.41	8.05	3.4	3.099	99.4	3.1	0.7
728	5/14/2016 05:36:06	13.76	49.82	32.59	8.43	8.05	3.8	3.149	99.6	2.4	0.6
729	5/14/2016 05:51:06	13.71	49.79	32.57	8.43	8.05	3.4	3.180	99.5	2.2	0.5
730	5/14/2016 06:06:06	13.53	49.87	32.63	8.43	8.05	3.9	3.218	99.1	2.2	0.5
731	5/14/2016 06:21:06	13.40	49.92	32.65	8.50	8.06	3.4	3.245	99.7	2.3	0.6
732	5/14/2016 06:36:06	13.36	49.94	32.67	8.46	8.06	3.4	3.267	99.1	1.8	0.4
733	5/14/2016 06:51:06	13.36	49.95	32.68	8.40	8.05	6.2	3.281	98.5	1.6	0.4
734	5/14/2016 07:06:06	13.36	49.95	32.68	8.19	8.04	16.9	3.271	96.0	2.0	0.5
735	5/14/2016 07:21:06	13.35	49.92	32.66	8.36	8.05	142.2	3.263	98.0	2.1	0.5
736	5/14/2016 07:36:06	13.34	49.93	32.66	8.38	8.05	2.8	3.242	98.2	1.9	0.5
737	5/14/2016 07:51:06	14.41	49.46	32.35	7.69	7.99	6.1	3.199	91.9	1.9	0.5
738	5/14/2016 08:06:06	14.41	49.55	32.42	7.85	8.01	6.3	3.145	93.8	1.6	0.4
739	5/14/2016 08:21:06	14.26	49.83	32.62	7.89	8.01	7.0	3.095	94.2	2.2	0.5
740	5/14/2016 08:36:06	14.40	49.76	32.57	7.99	8.02	8.4	3.027	95.6	1.6	0.4
741	5/14/2016 08:51:06	14.48	49.71	32.54	7.87	8.01	12.2	2.956	94.3	1.8	0.4
742	5/14/2016 09:06:05	14.56	49.68	32.52	7.86	8.00	82.7	2.879	94.3	1.7	0.4
743	5/14/2016 09:21:06	14.73	49.62	32.48	7.77	8.00	5.8	2.798	93.6	1.7	0.4
744	5/14/2016 09:36:06	14.93	49.54	32.43	7.70	7.99	7.9	2.722	93.1	2.0	0.5
745	5/14/2016 09:51:06	15.04	49.50	32.40	7.69	7.99	9.9	2.643	93.1	1.7	0.4
746	5/14/2016 10:06:06	15.19	49.44	32.36	7.70	7.99	7.6	2.555	93.5	2.2	0.5
747	5/14/2016 10:21:06	15.24	49.44	32.36	7.78	8.00	7.7	2.474	94.6	2.3	0.5
748	5/14/2016 10:36:07	15.42	49.39	32.33	7.79	8.00	16.7	2.384	95.0	2.2	0.5
749	5/14/2016 10:51:06	15.59	49.37	32.31	8.05	8.01	7.9	2.300	98.5	2.4	0.6
750	5/14/2016 11:06:06	15.73	49.37	32.32	8.14	8.02	7.5	2.224	99.9	2.3	0.5
751	5/14/2016 11:21:06	15.96	49.29	32.26	7.92	8.01	9.5	2.131	97.6	2.8	0.7
752	5/14/2016 11:36:06	16.18	49.25	32.24	7.86	8.01	11.9	2.062	97.3	2.4	0.6
753	5/14/2016 11:51:06	16.35	49.20	32.21	7.65	8.00	14.6	1.987	94.9	2.5	0.6
754	5/14/2016 12:06:06	16.50	49.19	32.20	7.91	8.03	12.7	1.921	98.4	2.4	0.6
755	5/14/2016 12:21:06	16.61	49.19	32.20	8.01	8.04	17.2	1.869	99.9	2.7	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	Fluorescence %FS
756	5/14/2016 12:36:06	16.71	49.17	32.19	7.90	8.04	15.5	1.817	98.6	2.8	0.7
757	5/14/2016 12:51:06	16.68	49.17	32.18	7.62	8.01	17.5	1.798	95.1	2.7	0.6
758	5/14/2016 13:06:06	16.70	49.16	32.18	7.19	7.99	32.7	1.782	89.8	3.3	0.8
759	5/14/2016 13:21:06	16.51	49.14	32.16	7.31	7.99	29.1	1.788	91.0	3.5	0.8
760	5/14/2016 13:36:06	16.48	49.15	32.17	7.53	7.99	25.3	1.795	93.6	2.7	0.6
761	5/14/2016 13:51:06	16.43	49.17	32.19	7.65	8.00	19.1	1.835	95.1	2.8	0.7
762	5/14/2016 14:06:06	16.33	49.17	32.18	7.50	7.98	16.9	1.889	93.0	2.9	0.7
763	5/14/2016 14:21:06	16.34	49.17	32.18	7.49	7.98	14.8	1.926	92.9	3.0	0.7
764	5/14/2016 14:36:06	16.31	49.17	32.18	7.44	7.98	19.9	1.995	92.3	3.0	0.7
765	5/14/2016 14:51:06	16.58	48.84	31.94	7.44	7.97	13.5	2.060	92.6	3.6	0.9
766	5/14/2016 15:06:05	16.50	48.87	31.96	7.48	7.97	19.0	2.127	92.9	3.4	0.8
767	5/14/2016 15:21:06	16.15	49.10	32.13	7.43	7.97	27.2	2.190	91.8	2.7	0.6
768	5/14/2016 15:36:06	15.95	49.15	32.16	7.45	7.97	21.3	2.263	91.6	2.6	0.6
769	5/14/2016 15:51:06	15.74	49.21	32.20	7.47	7.97	11.9	2.342	91.5	2.8	0.7
770	5/14/2016 16:06:06	15.57	49.28	32.25	7.54	7.98	8.7	2.407	92.2	2.1	0.5
771	5/14/2016 16:21:06	15.36	49.39	32.33	7.63	7.99	7.4	2.475	93.0	2.8	0.7
772	5/14/2016 16:36:06	15.25	49.47	32.38	7.74	7.99	5.9	2.547	94.1	2.6	0.6
773	5/14/2016 16:51:06	15.18	49.52	32.41	7.78	8.00	5.5	2.627	94.4	2.3	0.5
774	5/14/2016 17:06:06	15.29	49.55	32.44	7.86	8.01	6.0	2.690	95.7	2.8	0.7
775	5/14/2016 17:21:06	15.15	49.59	32.46	7.90	8.01	5.9	2.763	95.8	2.9	0.7
776	5/14/2016 17:36:06	14.99	49.64	32.50	7.93	8.01	5.6	2.842	95.9	2.6	0.6
777	5/14/2016 17:51:06	14.97	49.67	32.52	8.01	8.01	5.7	2.914	96.9	2.4	0.6
778	5/14/2016 18:06:06	14.76	49.69	32.53	8.05	8.02	7.8	2.990	97.0	2.4	0.6
779	5/14/2016 18:21:06	14.36	49.79	32.59	8.27	8.03	7.8	3.057	98.9	2.2	0.5
780	5/14/2016 18:36:06	14.24	49.85	32.64	8.51	8.05	7.3	3.132	101.5	3.0	0.7
781	5/14/2016 18:51:06	14.08	49.94	32.69	8.63	8.06	7.4	3.210	102.7	3.4	0.8
782	5/14/2016 19:06:06	13.85	50.05	32.77	8.88	8.07	6.5	3.273	105.2	3.7	0.9
783	5/14/2016 19:21:06	13.61	50.16	32.84	9.03	8.08	6.4	3.334	106.5	3.2	0.8
784	5/14/2016 19:36:05	13.27	50.28	32.91	9.39	8.10	5.1	3.401	110.0	3.7	0.9
785	5/14/2016 19:51:06	13.01	50.36	32.96	9.72	8.12	5.1	3.441	113.3	6.4	1.5
786	5/14/2016 20:06:06	12.90	50.43	33.01	9.94	8.14	4.2	3.472	115.7	4.9	1.2
787	5/14/2016 20:21:06	12.86	50.46	33.03	9.92	8.14	3.8	3.504	115.4	5.6	1.3
788	5/14/2016 20:36:06	12.88	50.46	33.03	9.72	8.13	2.9	3.507	113.1	7.5	1.8
789	5/14/2016 20:51:05	12.91	50.46	33.03	9.80	8.13	3.5	3.495	114.0	4.4	1.0
790	5/14/2016 21:06:06	12.92	50.46	33.03	9.91	8.14	3.9	3.463	115.4	4.3	1.0
791	5/14/2016 21:21:06	13.23	50.34	32.96	9.49	8.11	4.5	3.421	111.1	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
792	5/14/2016 21:36:06	13.93	50.04	32.76	8.67	8.06	5.9	3.370	102.9	2.9	0.7
793	5/14/2016 21:51:06	14.20	49.96	32.71	8.40	8.05	8.0	3.295	100.2	3.3	0.8
794	5/14/2016 22:06:06	13.89	50.09	32.80	8.80	8.07	7.0	3.223	104.3	3.8	0.9
795	5/14/2016 22:21:06	14.39	49.89	32.66	8.34	8.04	10.3	3.155	99.8	2.7	0.6
796	5/14/2016 22:36:06	14.79	49.75	32.57	8.11	8.03	7.3	3.084	97.8	2.7	0.6
797	5/14/2016 22:51:06	14.89	49.72	32.56	8.07	8.03	7.9	3.004	97.6	2.9	0.7
798	5/14/2016 23:06:06	14.98	49.71	32.55	8.02	8.02	11.5	2.930	97.0	2.8	0.7
799	5/14/2016 23:21:06	15.02	49.70	32.54	7.99	8.02	7.9	2.867	96.8	2.6	0.6
800	5/14/2016 23:36:06	15.09	49.67	32.52	7.90	8.01	6.7	2.790	95.9	2.9	0.7
801	5/14/2016 23:51:06	15.26	49.59	32.47	7.81	8.01	8.2	2.712	95.0	3.0	0.7
802	5/15/2016 00:06:06	15.40	49.55	32.44	7.62	7.99	7.4	2.655	93.0	3.0	0.7
803	5/15/2016 00:21:06	15.51	49.49	32.40	7.72	8.00	7.5	2.582	94.4	2.9	0.7
804	5/15/2016 00:36:06	15.22	49.65	32.51	7.54	7.98	9.6	2.513	91.7	2.7	0.6
805	5/15/2016 00:51:06	15.73	49.38	32.33	7.51	7.98	7.8	2.452	92.1	3.1	0.7
806	5/15/2016 01:06:06	15.94	49.29	32.26	7.48	7.98	6.8	2.398	92.1	3.0	0.7
807	5/15/2016 01:21:06	16.03	49.24	32.23	7.45	7.98	7.2	2.333	91.9	13.7	3.2
808	5/15/2016 01:36:06	15.98	49.30	32.27	7.42	7.97	7.1	2.301	91.4	2.8	0.7
809	5/15/2016 01:51:06	16.26	49.21	32.21	7.29	7.96	7.4	2.272	90.4	3.2	0.8
810	5/15/2016 02:06:06	16.34	49.19	32.19	7.16	7.96	6.9	2.242	88.8	3.6	0.8
811	5/15/2016 02:21:06	16.41	49.17	32.19	7.05	7.95	7.3	2.245	87.6	3.3	0.8
812	5/15/2016 02:36:05	16.35	49.20	32.20	7.26	7.96	8.7	2.238	90.1	3.1	0.7
813	5/15/2016 02:51:06	16.22	49.21	32.21	7.29	7.96	8.4	2.271	90.3	2.8	0.7
814	5/15/2016 03:06:06	16.12	49.24	32.23	7.28	7.96	7.2	2.298	90.0	2.5	0.6
815	5/15/2016 03:21:06	16.10	49.24	32.23	7.36	7.97	6.8	2.337	91.0	3.4	0.8
816	5/15/2016 03:36:06	16.03	49.27	32.25	7.36	7.97	8.1	2.386	90.8	2.7	0.6
817	5/15/2016 03:51:06	16.05	49.18	32.18	7.42	7.97	7.7	2.440	91.5	2.5	0.6
818	5/15/2016 04:06:06	15.92	49.26	32.24	7.41	7.97	7.1	2.499	91.2	2.9	0.7
819	5/15/2016 04:21:06	15.80	49.31	32.28	7.46	7.98	6.8	2.546	91.6	2.6	0.6
820	5/15/2016 04:36:06	15.68	49.37	32.32	7.49	7.98	10.0	2.607	91.8	2.9	0.7
821	5/15/2016 04:51:06	15.42	49.48	32.39	7.60	7.99	7.0	2.668	92.7	2.6	0.6
822	5/15/2016 05:06:06	15.20	49.57	32.45	7.73	7.99	5.9	2.708	93.9	1.9	0.5
823	5/15/2016 05:21:07	15.02	49.63	32.49	7.80	8.00	5.4	2.762	94.4	2.2	0.5
824	5/15/2016 05:36:06	14.89	49.67	32.52	7.85	8.01	9.8	2.813	94.8	2.0	0.5
825	5/15/2016 05:51:06	14.72	49.75	32.57	8.03	8.02	4.2	2.867	96.7	2.2	0.5
826	5/15/2016 06:06:06	14.64	49.79	32.60	8.03	8.02	3.7	2.912	96.6	2.0	0.5
827	5/15/2016 06:21:06	14.56	49.82	32.62	8.10	8.02	3.7	2.952	97.3	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
828	5/15/2016 06:36:06	14.48	49.85	32.64	8.13	8.03	3.7	3.013	97.4	2.3	0.5
829	5/15/2016 06:51:06	14.39	49.88	32.66	8.22	8.03	3.6	3.056	98.4	1.8	0.4
830	5/15/2016 07:06:06	14.24	49.94	32.70	8.27	8.03	4.0	3.089	98.7	2.4	0.6
831	5/15/2016 07:21:06	14.16	49.97	32.71	8.38	8.04	3.7	3.132	99.8	2.1	0.5
832	5/15/2016 07:36:06	14.03	50.01	32.74	8.41	8.04	3.9	3.169	99.9	2.1	0.5
833	5/15/2016 07:51:06	13.91	50.03	32.75	8.48	8.05	3.9	3.186	100.5	2.2	0.5
834	5/15/2016 08:06:06	13.89	50.03	32.75	8.43	8.04	3.9	3.200	99.9	3.1	0.7
835	5/15/2016 08:21:06	13.95	50.00	32.74	7.78	8.02	3.5	3.214	92.4	1.4	0.3
836	5/15/2016 08:36:06	13.86	50.04	32.76	8.31	8.04	25.6	3.199	98.5	1.9	0.4
837	5/15/2016 08:51:06	13.89	50.03	32.75	8.30	8.04	5.0	3.180	98.4	2.1	0.5
838	5/15/2016 09:06:06	13.98	50.02	32.75	8.26	8.04	6.7	3.141	98.1	1.9	0.5
839	5/15/2016 09:21:06	14.15	49.98	32.72	8.23	8.03	3.5	3.091	98.0	1.7	0.4
840	5/15/2016 09:36:06	14.51	49.89	32.67	8.30	8.04	4.3	3.033	99.6	2.2	0.5
841	5/15/2016 09:51:06	14.86	49.83	32.64	8.45	8.05	4.9	2.975	102.1	1.8	0.4
842	5/15/2016 10:06:06	14.98	49.81	32.62	8.49	8.05	5.1	2.896	102.8	2.0	0.5
843	5/15/2016 10:21:06	15.13	49.78	32.60	8.43	8.05	5.5	2.829	102.4	2.3	0.5
844	5/15/2016 10:36:07	15.38	49.72	32.57	8.47	8.05	5.3	2.757	103.4	2.3	0.5
845	5/15/2016 10:51:06	15.62	49.67	32.54	8.60	8.06	5.8	2.681	105.4	2.4	0.6
846	5/15/2016 11:06:06	15.95	49.63	32.51	8.70	8.07	9.2	2.608	107.3	1.8	0.4
847	5/15/2016 11:21:06	16.14	49.51	32.43	8.56	8.05	10.1	2.526	105.9	1.9	0.4
848	5/15/2016 11:36:06	16.31	49.44	32.37	8.20	8.03	12.8	2.451	101.8	2.6	0.6
849	5/15/2016 11:51:06	16.62	49.52	32.44	8.83	8.08	11.2	2.375	110.3	2.2	0.5
850	5/15/2016 12:06:06	16.55	49.36	32.32	8.00	8.01	11.2	2.296	99.8	2.2	0.5
851	5/15/2016 12:21:06	16.91	49.43	32.38	8.58	8.06	15.3	2.219	107.7	2.9	0.7
852	5/15/2016 12:36:05	16.98	49.37	32.33	8.07	8.02	10.1	2.149	101.5	2.9	0.7
853	5/15/2016 12:51:05	17.30	49.35	32.32	8.26	8.03	12.1	2.076	104.4	2.4	0.6
854	5/15/2016 13:06:05	17.44	49.34	32.32	8.14	8.03	13.8	2.021	103.3	2.5	0.6
855	5/15/2016 13:21:05	17.49	49.27	32.27	7.91	8.01	15.1	1.980	100.4	2.5	0.6
856	5/15/2016 13:36:05	17.56	49.28	32.28	7.82	8.01	14.4	1.938	99.4	3.1	0.7
857	5/15/2016 13:51:05	17.50	49.26	32.26	7.42	7.98	14.4	1.910	94.2	2.9	0.7
858	5/15/2016 14:06:05	17.46	49.25	32.25	7.70	7.99	38.2	1.909	97.6	2.9	0.7
859	5/15/2016 14:21:05	17.61	49.32	32.30	8.45	8.06	37.2	1.911	107.5	3.5	0.8
860	5/15/2016 14:36:05	17.36	49.30	32.29	8.24	8.03	23.6	1.931	104.3	3.3	0.8
861	5/15/2016 14:51:06	17.39	49.27	32.26	7.98	8.02	12.9	1.954	101.0	2.9	0.7
862	5/15/2016 15:06:05	17.43	49.26	32.26	7.85	8.01	13.1	1.986	99.5	2.9	0.7
863	5/15/2016 15:21:06	17.32	49.26	32.26	7.77	8.00	14.8	2.049	98.3	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
864	5/15/2016 15:36:06	17.06	49.26	32.25	7.78	7.99	13.2	2.110	97.9	3.5	0.8
865	5/15/2016 15:51:06	17.66	49.11	32.15	7.79	7.99	11.1	2.158	99.1	4.3	1.0
866	5/15/2016 16:06:06	17.47	49.14	32.17	7.79	7.99	11.6	2.220	98.8	3.2	0.8
867	5/15/2016 16:21:06	17.30	49.12	32.16	7.74	7.99	11.7	2.297	97.8	2.6	0.6
868	5/15/2016 16:36:06	16.86	49.21	32.22	7.72	7.98	13.7	2.369	96.8	3.0	0.7
869	5/15/2016 16:51:06	16.47	49.30	32.28	7.74	7.99	11.2	2.430	96.4	2.5	0.6
870	5/15/2016 17:06:06	16.25	49.38	32.34	7.81	8.00	8.6	2.503	96.8	2.4	0.6
871	5/15/2016 17:21:06	15.96	49.49	32.41	7.93	8.01	7.0	2.583	97.8	3.0	0.7
872	5/15/2016 17:36:06	15.75	49.55	32.45	8.05	8.01	6.7	2.657	98.8	2.8	0.7
873	5/15/2016 17:51:06	15.60	49.60	32.49	8.04	8.02	6.1	2.724	98.5	2.7	0.6
874	5/15/2016 18:06:06	15.59	49.64	32.51	8.14	8.02	6.8	2.796	99.7	3.0	0.7
875	5/15/2016 18:21:06	15.39	49.70	32.55	8.20	8.03	7.9	2.880	100.1	2.6	0.6
876	5/15/2016 18:36:06	15.34	49.74	32.58	8.22	8.03	7.0	2.949	100.3	3.0	0.7
877	5/15/2016 18:51:06	15.26	49.78	32.60	8.38	8.04	7.3	3.028	102.0	2.6	0.6
878	5/15/2016 19:06:06	15.08	49.83	32.64	8.55	8.05	7.8	3.104	103.8	3.5	0.8
879	5/15/2016 19:21:06	14.78	49.87	32.66	8.79	8.06	8.0	3.181	106.1	3.6	0.9
880	5/15/2016 19:36:06	14.61	49.93	32.70	8.91	8.08	7.8	3.257	107.2	3.9	0.9
881	5/15/2016 19:51:06	14.43	50.01	32.76	9.12	8.09	7.4	3.326	109.3	4.1	1.0
882	5/15/2016 20:06:06	14.21	50.11	32.82	9.38	8.11	9.4	3.392	112.0	4.4	1.1
883	5/15/2016 20:21:06	13.87	50.27	32.93	9.88	8.15	6.1	3.452	117.2	6.4	1.5
884	5/15/2016 20:36:06	13.71	50.34	32.97	10.17	8.16	5.6	3.503	120.3	5.9	1.4
885	5/15/2016 20:51:06	13.63	50.38	33.00	10.33	8.17	4.7	3.537	122.0	5.9	1.4
886	5/15/2016 21:06:06	13.54	50.43	33.03	10.59	8.19	4.5	3.559	124.9	5.7	1.3
887	5/15/2016 21:21:06	13.54	50.44	33.04	10.42	8.18	3.4	3.575	122.9	5.4	1.3
888	5/15/2016 21:36:06	13.58	50.42	33.03	10.30	8.18	3.3	3.560	121.6	6.5	1.5
889	5/15/2016 21:51:06	13.61	50.40	33.02	10.32	8.18	3.9	3.527	121.8	4.7	1.1
890	5/15/2016 22:06:06	13.89	50.29	32.94	9.77	8.14	6.7	3.480	116.0	5.2	1.2
891	5/15/2016 22:21:06	14.22	50.13	32.83	9.04	8.10	7.5	3.419	107.9	3.8	0.9
892	5/15/2016 22:36:06	13.94	50.23	32.90	9.33	8.12	8.5	3.347	110.8	4.7	1.1
893	5/15/2016 22:51:06	14.12	50.27	32.93	9.31	8.11	7.9	3.262	110.9	4.3	1.0
894	5/15/2016 23:06:06	14.70	49.98	32.74	8.70	8.07	9.4	3.186	104.8	4.2	1.0
895	5/15/2016 23:21:06	15.43	49.78	32.61	8.40	8.06	11.4	3.104	102.6	2.9	0.7
896	5/15/2016 23:36:06	15.51	49.75	32.59	8.28	8.05	11.2	3.018	101.3	3.8	0.9
897	5/15/2016 23:51:06	15.58	49.70	32.56	8.18	8.04	10.0	2.945	100.1	4.0	0.9
898	5/16/2016 00:06:06	15.63	49.68	32.54	8.04	8.03	9.8	2.858	98.5	3.0	0.7
899	5/16/2016 00:21:06	15.74	49.63	32.51	7.94	8.02	10.6	2.774	97.6	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
900	5/16/2016 00:36:06	15.41	49.73	32.57	7.97	8.02	10.0	2.697	97.4	3.3	0.8
901	5/16/2016 00:51:06	16.27	49.44	32.38	7.88	8.01	11.3	2.608	97.7	3.3	0.8
902	5/16/2016 01:06:06	16.26	49.42	32.37	7.84	8.01	12.2	2.533	97.2	2.8	0.7
903	5/16/2016 01:21:06	16.11	49.54	32.45	7.79	8.00	12.5	2.440	96.4	3.2	0.8
904	5/16/2016 01:36:06	15.95	49.59	32.48	7.95	8.02	12.8	2.358	98.1	4.0	1.0
905	5/16/2016 01:51:06	16.55	49.44	32.39	7.78	8.01	13.6	2.292	97.1	3.6	0.9
906	5/16/2016 02:06:05	16.61	49.44	32.38	7.78	8.01	12.5	2.219	97.2	4.1	1.0
907	5/16/2016 02:21:06	16.47	49.48	32.41	7.77	8.01	12.9	2.154	96.7	3.6	0.9
908	5/16/2016 02:36:05	16.74	49.42	32.37	7.72	8.01	14.1	2.098	96.6	3.9	0.9
909	5/16/2016 02:51:05	16.97	49.39	32.35	7.70	8.01	11.8	2.071	96.8	3.6	0.9
910	5/16/2016 03:06:05	17.12	49.33	32.31	7.63	8.01	12.2	2.051	96.2	3.4	0.8
911	5/16/2016 03:21:05	17.21	49.30	32.29	7.37	8.00	8.5	2.038	93.0	4.3	1.0
912	5/16/2016 03:36:05	17.17	49.32	32.30	7.65	8.01	11.1	2.048	96.6	4.2	1.0
913	5/16/2016 03:51:06	17.06	49.32	32.30	7.68	8.01	10.6	2.084	96.6	3.4	0.8
914	5/16/2016 04:06:06	16.99	49.32	32.30	7.67	8.01	10.1	2.125	96.5	3.6	0.8
915	5/16/2016 04:21:05	17.05	49.31	32.29	7.60	8.00	11.7	2.159	95.6	4.1	1.0
916	5/16/2016 04:36:06	17.00	49.31	32.29	7.63	8.00	10.7	2.224	96.0	3.3	0.8
917	5/16/2016 04:51:05	17.09	49.17	32.19	7.52	7.99	12.7	2.293	94.7	3.1	0.7
918	5/16/2016 05:06:06	17.03	49.19	32.20	7.49	7.98	13.5	2.350	94.2	3.7	0.9
919	5/16/2016 05:21:05	16.99	49.14	32.17	7.45	7.98	14.7	2.415	93.6	3.4	0.8
920	5/16/2016 05:36:06	16.82	49.20	32.21	7.48	7.98	14.6	2.475	93.6	3.7	0.9
921	5/16/2016 05:51:06	16.48	49.30	32.28	7.58	7.99	16.9	2.532	94.4	3.6	0.8
922	5/16/2016 06:06:06	16.13	49.44	32.38	7.72	8.00	11.0	2.586	95.5	3.4	0.8
923	5/16/2016 06:21:06	15.89	49.53	32.44	7.81	8.01	8.6	2.649	96.1	3.0	0.7
924	5/16/2016 06:36:06	15.71	49.54	32.44	7.93	8.01	7.5	2.695	97.3	2.7	0.6
925	5/16/2016 06:51:06	15.53	49.60	32.48	8.05	8.02	6.1	2.756	98.4	2.6	0.6
926	5/16/2016 07:06:06	15.36	49.67	32.53	8.09	8.03	5.4	2.812	98.6	2.3	0.6
927	5/16/2016 07:21:06	15.27	49.71	32.56	8.10	8.03	4.7	2.866	98.6	2.1	0.5
928	5/16/2016 07:36:06	15.24	49.73	32.57	8.14	8.03	6.2	2.913	99.0	2.2	0.5
929	5/16/2016 07:51:06	15.21	49.72	32.56	8.12	8.03	7.3	2.963	98.8	2.7	0.6
930	5/16/2016 08:06:06	15.17	49.75	32.58	8.18	8.04	6.7	3.014	99.4	2.4	0.6
931	5/16/2016 08:21:06	15.05	49.78	32.60	8.26	8.04	11.5	3.050	100.2	2.1	0.5
932	5/16/2016 08:36:06	14.92	49.83	32.64	8.35	8.05	17.1	3.087	101.0	2.4	0.6
933	5/16/2016 08:51:06	14.85	49.85	32.65	8.46	8.06	14.8	3.119	102.2	2.5	0.6
934	5/16/2016 09:06:06	14.83	49.87	32.66	8.39	8.05	12.3	3.150	101.3	2.5	0.6
935	5/16/2016 09:21:06	14.77	49.89	32.68	8.34	8.05	12.0	3.152	100.6	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
936	5/16/2016 09:36:06	14.79	49.95	32.72	8.24	8.05	4.2	3.151	99.5	2.1	0.5
937	5/16/2016 09:51:06	14.80	49.95	32.72	8.28	8.05	4.1	3.136	99.9	2.4	0.6
938	5/16/2016 10:06:06	14.84	49.93	32.71	8.30	8.05	4.0	3.100	100.2	2.2	0.5
939	5/16/2016 10:21:06	14.96	49.89	32.68	8.25	8.05	4.2	3.052	99.9	1.9	0.4
940	5/16/2016 10:36:06	15.22	49.82	32.64	8.27	8.05	5.0	3.003	100.6	2.1	0.5
941	5/16/2016 10:51:06	15.44	49.81	32.64	8.49	8.06	6.0	2.940	103.7	2.3	0.5
942	5/16/2016 11:06:06	15.68	49.78	32.62	8.58	8.07	6.1	2.880	105.3	3.1	0.7
943	5/16/2016 11:21:06	15.89	49.73	32.59	8.60	8.06	6.2	2.805	106.0	2.2	0.5
944	5/16/2016 11:36:06	16.08	49.69	32.56	8.54	8.06	6.8	2.732	105.6	2.1	0.5
945	5/16/2016 11:51:06	16.40	49.65	32.53	8.44	8.06	7.5	2.661	105.0	2.5	0.6
946	5/16/2016 12:06:06	16.63	49.57	32.48	8.47	8.06	8.5	2.584	105.9	2.3	0.5
947	5/16/2016 12:21:06	16.98	49.50	32.43	8.53	8.06	8.9	2.516	107.3	2.9	0.7
948	5/16/2016 12:36:05	16.98	49.41	32.37	8.05	8.03	11.5	2.432	101.3	2.3	0.5
949	5/16/2016 12:51:06	17.20	49.41	32.37	8.17	8.03	33.6	2.354	103.2	3.0	0.7
950	5/16/2016 13:06:06	17.37	49.48	32.42	8.43	8.06	44.4	2.282	106.8	2.2	0.5
951	5/16/2016 13:21:06	17.35	49.42	32.38	8.15	8.04	29.8	2.212	103.2	2.9	0.7
952	5/16/2016 13:36:06	17.54	49.44	32.40	8.31	8.06	14.4	2.144	105.7	3.3	0.8
953	5/16/2016 13:51:06	17.64	49.44	32.39	8.33	8.06	11.4	2.083	106.2	2.8	0.7
954	5/16/2016 14:06:06	17.73	49.43	32.38	8.26	8.06	11.7	2.034	105.4	3.0	0.7
955	5/16/2016 14:21:05	17.77	49.39	32.36	7.98	8.05	12.5	1.999	101.9	3.2	0.8
956	5/16/2016 14:36:05	17.79	49.36	32.34	7.83	8.05	11.0	1.970	100.0	3.2	0.8
957	5/16/2016 14:51:05	17.81	49.38	32.35	7.32	8.03	11.2	1.957	93.5	2.6	0.6
958	5/16/2016 15:06:05	17.82	49.39	32.36	8.00	8.06	23.1	1.950	102.3	3.4	0.8
959	5/16/2016 15:21:06	17.81	49.39	32.36	8.15	8.07	19.9	1.957	104.2	3.4	0.8
960	5/16/2016 15:36:05	17.75	49.40	32.36	8.24	8.07	21.2	1.990	105.2	4.4	1.0
961	5/16/2016 15:51:05	17.84	49.37	32.34	8.22	8.06	14.0	2.014	105.1	3.6	0.8
962	5/16/2016 16:06:05	17.83	49.37	32.35	8.31	8.06	12.3	2.054	106.3	4.1	1.0
963	5/16/2016 16:21:05	17.85	49.37	32.34	8.23	8.05	11.4	2.118	105.2	3.7	0.9
964	5/16/2016 16:36:05	17.75	49.36	32.33	8.11	8.04	12.4	2.167	103.5	4.1	1.0
965	5/16/2016 16:51:06	17.71	49.35	32.33	8.11	8.03	11.5	2.229	103.3	4.1	1.0
966	5/16/2016 17:06:05	17.93	49.25	32.25	8.07	8.03	10.8	2.294	103.3	4.7	1.1
967	5/16/2016 17:21:05	18.02	49.12	32.16	8.07	8.03	13.4	2.369	103.4	3.4	0.8
968	5/16/2016 17:36:06	17.52	49.30	32.29	7.97	8.02	13.9	2.445	101.2	3.5	0.8
969	5/16/2016 17:51:06	17.17	49.34	32.32	7.94	8.02	12.9	2.510	100.2	3.1	0.7
970	5/16/2016 18:06:06	16.86	49.44	32.39	8.09	8.03	9.1	2.586	101.5	3.3	0.8
971	5/16/2016 18:21:05	16.46	49.54	32.46	8.16	8.04	8.3	2.666	101.6	2.9	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	Fluorescence %FS
972	5/16/2016 18:36:06	16.17	49.62	32.51	8.27	8.04	8.4	2.737	102.4	3.5	0.8
973	5/16/2016 18:51:06	15.98	49.67	32.54	8.35	8.05	8.3	2.809	103.0	3.0	0.7
974	5/16/2016 19:06:06	15.98	49.70	32.56	8.46	8.06	10.1	2.886	104.4	3.5	0.8
975	5/16/2016 19:21:06	15.87	49.73	32.59	8.54	8.07	8.3	2.971	105.2	4.0	1.0
976	5/16/2016 19:36:06	15.66	49.81	32.64	8.65	8.08	9.4	3.045	106.2	4.0	1.0
977	5/16/2016 19:51:06	15.41	49.88	32.69	8.86	8.09	10.1	3.120	108.2	4.7	1.1
978	5/16/2016 20:06:06	15.13	49.93	32.71	9.14	8.11	9.9	3.192	111.1	4.2	1.0
979	5/16/2016 20:21:06	14.93	49.98	32.75	9.25	8.12	8.7	3.270	112.0	5.1	1.2
980	5/16/2016 20:36:06	14.75	50.05	32.79	9.47	8.14	8.0	3.334	114.2	4.9	1.2
981	5/16/2016 20:51:06	14.62	50.11	32.84	9.60	8.15	6.8	3.401	115.6	4.8	1.1
982	5/16/2016 21:06:06	14.41	50.20	32.89	9.78	8.16	6.4	3.457	117.2	6.1	1.4
983	5/16/2016 21:21:06	14.19	50.29	32.95	9.96	8.17	6.9	3.510	118.9	5.3	1.3
984	5/16/2016 21:36:06	14.01	50.36	33.00	10.09	8.19	6.3	3.538	120.1	6.1	1.5
985	5/16/2016 21:51:06	13.96	50.40	33.02	10.00	8.18	3.8	3.555	118.9	5.3	1.3
986	5/16/2016 22:06:06	13.94	50.42	33.04	9.87	8.18	11.2	3.568	117.3	6.0	1.4
987	5/16/2016 22:21:05	14.01	50.38	33.02	9.91	8.18	3.7	3.542	117.9	4.8	1.1
988	5/16/2016 22:36:05	14.03	50.37	33.01	9.95	8.18	5.9	3.502	118.5	5.2	1.2
989	5/16/2016 22:51:06	15.25	49.91	32.70	8.71	8.09	9.6	3.444	106.1	4.4	1.0
990	5/16/2016 23:06:06	15.11	49.97	32.74	8.80	8.10	9.2	3.379	106.9	4.0	1.0
991	5/16/2016 23:21:06	14.79	50.11	32.84	9.14	8.13	8.7	3.295	110.5	4.0	0.9
992	5/16/2016 23:36:06	14.87	50.09	32.83	9.17	8.13	18.2	3.211	110.9	3.9	0.9
993	5/16/2016 23:51:06	15.52	49.86	32.67	8.56	8.08	9.4	3.132	104.7	4.0	0.9
994	5/17/2016 00:06:06	15.67	49.81	32.64	8.44	8.07	9.0	3.047	103.6	4.1	1.0
995	5/17/2016 00:21:06	15.75	49.78	32.62	8.27	8.06	9.5	2.950	101.7	4.1	1.0
996	5/17/2016 00:36:06	15.88	49.74	32.59	8.08	8.05	10.4	2.863	99.6	3.4	0.8
997	5/17/2016 00:51:06	16.08	49.66	32.54	8.13	8.05	11.3	2.776	100.5	3.6	0.8
998	5/17/2016 01:06:06	16.20	49.64	32.53	7.88	8.03	10.8	2.684	97.7	3.7	0.9
999	5/17/2016 01:21:06	16.33	49.58	32.48	7.84	8.03	11.8	2.584	97.5	3.5	0.8
1000	5/17/2016 01:36:06	16.56	49.53	32.45	7.79	8.02	14.8	2.494	97.2	3.3	0.8
1001	5/17/2016 01:51:06	16.48	49.53	32.45	7.79	8.02	11.2	2.410	97.1	3.8	0.9
1002	5/17/2016 02:06:05	16.59	49.54	32.46	7.78	8.02	12.0	2.312	97.1	3.5	0.8
1003	5/17/2016 02:21:06	16.60	49.61	32.51	7.78	8.03	11.8	2.213	97.2	4.0	0.9
1004	5/17/2016 02:36:06	16.57	49.60	32.50	7.72	8.03	10.8	2.125	96.4	3.8	0.9
1005	5/17/2016 02:51:06	16.87	49.51	32.43	7.65	8.03	10.4	2.054	96.0	4.1	1.0
1006	5/17/2016 03:06:06	16.93	49.51	32.44	7.61	8.03	10.4	1.974	95.6	3.6	0.8
1007	5/17/2016 03:21:06	16.99	49.48	32.41	7.58	8.03	10.2	1.906	95.4	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1008	5/17/2016 03:36:06	17.18	49.46	32.40	7.51	8.03	18.1	1.857	94.8	3.8	0.9
1009	5/17/2016 03:51:05	17.38	49.41	32.37	7.43	8.03	22.7	1.849	94.1	3.8	0.9
1010	5/17/2016 04:06:06	17.44	49.39	32.36	7.28	8.03	22.4	1.827	92.3	4.0	0.9
1011	5/17/2016 04:21:06	17.43	49.39	32.36	7.47	8.03	31.8	1.818	94.7	3.8	0.9
1012	5/17/2016 04:36:06	17.37	49.39	32.35	7.51	8.03	11.7	1.867	95.2	3.8	0.9
1013	5/17/2016 04:51:06	17.30	49.36	32.33	7.51	8.02	11.9	1.902	95.0	3.5	0.8
1014	5/17/2016 05:06:06	17.30	49.39	32.35	7.47	8.02	13.7	1.953	94.5	3.6	0.9
1015	5/17/2016 05:21:05	17.31	49.31	32.30	7.39	8.01	12.3	2.009	93.5	3.1	0.7
1016	5/17/2016 05:36:05	17.42	49.18	32.20	7.31	8.01	12.7	2.081	92.6	3.4	0.8
1017	5/17/2016 05:51:06	17.45	49.10	32.14	7.28	8.01	13.0	2.156	92.2	2.9	0.7
1018	5/17/2016 06:06:06	17.37	49.11	32.15	7.26	8.00	14.2	2.214	91.9	3.1	0.7
1019	5/17/2016 06:21:06	17.22	49.24	32.24	7.38	8.00	14.9	2.280	93.2	3.2	0.8
1020	5/17/2016 06:36:06	17.01	49.35	32.32	7.44	8.00	16.2	2.352	93.6	3.6	0.8
1021	5/17/2016 06:51:06	16.69	49.43	32.38	7.62	8.01	13.4	2.410	95.2	2.7	0.6
1022	5/17/2016 07:06:06	16.36	49.56	32.46	7.76	8.02	11.5	2.473	96.5	2.5	0.6
1023	5/17/2016 07:21:06	16.13	49.63	32.52	7.98	8.04	7.8	2.536	98.7	2.6	0.6
1024	5/17/2016 07:36:06	15.92	49.71	32.57	8.09	8.05	6.7	2.596	99.7	2.7	0.6
1025	5/17/2016 07:51:06	15.84	49.75	32.60	8.17	8.05	5.6	2.661	100.6	3.0	0.7
1026	5/17/2016 08:06:06	15.80	49.75	32.60	8.20	8.06	6.1	2.717	100.9	2.7	0.6
1027	5/17/2016 08:21:06	15.77	49.76	32.61	8.21	8.06	5.5	2.778	101.0	3.0	0.7
1028	5/17/2016 08:36:06	15.73	49.77	32.61	8.21	8.06	5.4	2.835	100.9	2.7	0.6
1029	5/17/2016 08:51:06	15.62	49.80	32.63	8.27	8.06	5.7	2.890	101.4	2.9	0.7
1030	5/17/2016 09:06:06	15.50	49.83	32.65	8.34	8.07	5.2	2.944	102.0	3.5	0.8
1031	5/17/2016 09:21:06	15.43	49.84	32.66	8.41	8.07	5.3	2.987	102.7	3.2	0.8
1032	5/17/2016 09:36:06	15.37	49.88	32.68	8.42	8.07	4.8	3.038	102.8	2.7	0.6
1033	5/17/2016 09:51:06	15.26	49.92	32.71	8.38	8.07	4.6	3.068	102.1	2.8	0.7
1034	5/17/2016 10:06:06	15.17	49.95	32.73	8.42	8.07	4.5	3.100	102.3	3.2	0.8
1035	5/17/2016 10:21:06	15.19	49.94	32.72	8.47	8.08	5.2	3.115	103.1	3.2	0.8
1036	5/17/2016 10:36:06	15.12	49.95	32.73	8.07	8.06	4.7	3.112	98.1	2.4	0.6
1037	5/17/2016 10:51:06	15.18	49.96	32.74	8.27	8.07	3.9	3.112	100.6	3.1	0.7
1038	5/17/2016 11:06:06	15.14	49.94	32.72	8.25	8.07	3.9	3.075	100.3	2.4	0.6
1039	5/17/2016 11:21:06	15.25	49.93	32.72	8.30	8.07	20.6	3.040	101.1	2.3	0.5
1040	5/17/2016 11:36:06	15.48	49.89	32.69	8.27	8.07	4.5	2.989	101.1	3.3	0.8
1041	5/17/2016 11:51:06	16.05	49.82	32.65	8.51	8.08	7.7	2.920	105.3	2.3	0.5
1042	5/17/2016 12:06:06	16.28	49.79	32.63	8.59	8.09	7.4	2.849	106.7	14.7	3.5
1043	5/17/2016 12:21:06	16.41	49.77	32.62	8.60	8.09	7.8	2.782	107.1	9.5	2.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1044	5/17/2016 12:36:06	16.62	49.73	32.59	8.53	8.09	7.6	2.698	106.7	8.9	2.1
1045	5/17/2016 12:51:06	16.85	49.67	32.55	8.45	8.08	7.9	2.629	106.1	11.7	2.8
1046	5/17/2016 13:06:06	17.30	49.64	32.54	8.63	8.09	8.1	2.552	109.3	4.5	1.1
1047	5/17/2016 13:21:06	17.57	49.55	32.48	8.41	8.08	9.3	2.481	107.1	2.2	0.5
1048	5/17/2016 13:36:05	17.92	49.50	32.44	8.44	8.07	10.9	2.401	108.1	2.4	0.6
1049	5/17/2016 13:51:05	18.04	49.46	32.41	8.36	8.07	13.1	2.326	107.3	2.7	0.6
1050	5/17/2016 14:06:05	18.15	49.46	32.41	8.32	8.06	11.6	2.260	107.0	2.9	0.7
1051	5/17/2016 14:21:05	18.25	49.42	32.39	8.18	8.06	11.8	2.190	105.4	2.7	0.6
1052	5/17/2016 14:36:05	18.24	49.44	32.40	8.12	8.05	12.2	2.131	104.6	2.8	0.7
1053	5/17/2016 14:51:05	18.28	49.44	32.39	8.01	8.05	11.7	2.082	103.3	2.6	0.6
1054	5/17/2016 15:06:05	18.37	49.45	32.40	8.08	8.05	11.2	2.033	104.3	3.0	0.7
1055	5/17/2016 15:21:05	18.41	49.44	32.39	8.10	8.05	17.1	2.008	104.7	3.3	0.8
1056	5/17/2016 15:36:05	18.42	49.45	32.40	7.83	8.05	10.0	1.990	101.3	3.4	0.8
1057	5/17/2016 15:51:05	18.43	49.46	32.41	8.22	8.07	21.9	1.978	106.3	3.4	0.8
1058	5/17/2016 16:06:05	18.35	49.42	32.38	8.18	8.06	24.1	1.985	105.6	3.2	0.8
1059	5/17/2016 16:21:05	18.24	49.42	32.38	8.10	8.05	13.7	2.011	104.3	3.4	0.8
1060	5/17/2016 16:36:05	18.25	49.41	32.37	8.15	8.06	14.1	2.051	105.0	2.9	0.7
1061	5/17/2016 16:51:05	18.40	49.42	32.38	8.25	8.06	11.7	2.089	106.6	3.4	0.8
1062	5/17/2016 17:06:05	18.38	49.41	32.37	8.22	8.06	14.1	2.148	106.1	3.7	0.9
1063	5/17/2016 17:21:05	18.21	49.42	32.38	8.12	8.05	13.3	2.210	104.5	3.5	0.8
1064	5/17/2016 17:36:05	18.39	49.39	32.36	8.15	8.05	13.4	2.265	105.3	3.3	0.8
1065	5/17/2016 17:51:05	18.14	49.40	32.37	8.08	8.04	13.9	2.341	103.8	3.7	0.9
1066	5/17/2016 18:06:05	17.98	49.41	32.38	8.12	8.05	13.5	2.410	104.1	3.3	0.8
1067	5/17/2016 18:21:05	17.69	49.46	32.41	8.19	8.05	12.5	2.486	104.5	3.5	0.8
1068	5/17/2016 18:36:06	17.37	49.57	32.48	8.39	8.07	10.8	2.556	106.4	3.2	0.8
1069	5/17/2016 18:51:06	17.05	49.63	32.53	8.47	8.07	10.3	2.627	106.8	4.1	1.0
1070	5/17/2016 19:06:06	16.74	49.68	32.56	8.48	8.08	7.7	2.706	106.3	3.0	0.7
1071	5/17/2016 19:21:06	16.63	49.72	32.59	8.59	8.08	7.6	2.775	107.4	3.8	0.9
1072	5/17/2016 19:36:06	16.42	49.75	32.61	8.60	8.09	7.5	2.848	107.1	4.1	1.0
1073	5/17/2016 19:51:06	16.22	49.80	32.64	8.64	8.09	7.3	2.928	107.2	3.7	0.9
1074	5/17/2016 20:06:06	16.08	49.84	32.67	8.78	8.10	7.6	3.003	108.7	4.0	1.0
1075	5/17/2016 20:21:06	15.90	49.92	32.72	8.87	8.11	9.6	3.075	109.5	4.0	0.9
1076	5/17/2016 20:36:06	15.60	49.98	32.76	9.06	8.12	9.2	3.148	111.1	5.2	1.2
1077	5/17/2016 20:51:06	15.41	50.01	32.78	9.14	8.13	8.6	3.226	111.7	4.8	1.2
1078	5/17/2016 21:06:06	15.18	50.08	32.83	9.33	8.14	8.3	3.299	113.6	4.7	1.1
1079	5/17/2016 21:21:06	14.99	50.15	32.87	9.41	8.15	8.3	3.369	114.1	5.1	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1080	5/17/2016 21:36:06	14.76	50.23	32.93	9.49	8.15	7.3	3.423	114.7	5.5	1.3
1081	5/17/2016 21:51:06	14.33	50.36	33.01	9.66	8.16	5.6	3.482	115.7	6.4	1.5
1082	5/17/2016 22:06:05	14.14	50.42	33.05	9.67	8.17	4.3	3.528	115.4	7.2	1.7
1083	5/17/2016 22:21:05	14.06	50.45	33.06	9.58	8.16	21.5	3.538	114.2	4.7	1.1
1084	5/17/2016 22:36:05	14.04	50.43	33.05	9.26	8.15	3.9	3.558	110.3	3.5	0.8
1085	5/17/2016 22:51:05	13.92	50.48	33.09	9.27	8.14	3.7	3.558	110.2	2.7	0.6
1086	5/17/2016 23:06:06	13.97	50.49	33.10	9.45	8.15	171.9	3.513	112.5	3.7	0.9
1087	5/17/2016 23:21:06	14.53	50.36	33.01	9.25	8.14	9.8	3.460	111.3	3.9	0.9
1088	5/17/2016 23:36:06	15.55	49.95	32.74	8.59	8.10	8.3	3.400	105.2	4.0	1.0
1089	5/17/2016 23:51:06	15.44	50.02	32.79	8.79	8.12	10.8	3.309	107.6	3.5	0.8
1090	5/18/2016 00:06:05	14.86	50.15	32.87	9.09	8.13	7.7	3.227	109.9	3.8	0.9
1091	5/18/2016 00:21:06	15.72	49.94	32.73	8.66	8.11	12.6	3.138	106.5	4.7	1.1
1092	5/18/2016 00:36:06	16.05	49.86	32.68	8.58	8.10	10.0	3.042	106.2	3.7	0.9
1093	5/18/2016 00:51:06	16.14	49.83	32.66	8.48	8.10	9.7	2.955	105.1	3.9	0.9
1094	5/18/2016 01:06:06	16.29	49.78	32.62	8.31	8.08	11.4	2.868	103.2	4.0	0.9
1095	5/18/2016 01:21:06	16.25	49.78	32.62	8.20	8.07	8.6	2.760	101.8	3.1	0.7
1096	5/18/2016 01:36:06	16.52	49.69	32.57	8.20	8.07	9.7	2.660	102.4	3.7	0.9
1097	5/18/2016 01:51:06	16.59	49.67	32.55	8.12	8.06	9.8	2.581	101.4	3.7	0.9
1098	5/18/2016 02:06:06	16.83	49.60	32.50	7.99	8.05	9.7	2.466	100.2	3.2	0.8
1099	5/18/2016 02:21:06	16.95	49.58	32.49	7.88	8.05	11.6	2.367	99.1	3.1	0.7
1100	5/18/2016 02:36:06	16.99	49.60	32.50	7.81	8.05	11.0	2.266	98.3	3.2	0.8
1101	5/18/2016 02:51:06	17.09	49.58	32.49	7.79	8.05	10.7	2.149	98.2	3.3	0.8
1102	5/18/2016 03:06:05	17.25	49.57	32.48	7.79	8.05	10.9	2.062	98.6	2.9	0.7
1103	5/18/2016 03:21:06	17.31	49.54	32.46	7.71	8.05	10.2	1.970	97.7	2.9	0.7
1104	5/18/2016 03:36:06	17.40	49.57	32.48	7.63	8.04	8.6	1.875	96.8	2.8	0.7
1105	5/18/2016 03:51:05	17.62	49.54	32.46	7.64	8.05	8.3	1.802	97.3	3.2	0.7
1106	5/18/2016 04:06:05	17.79	49.52	32.45	7.58	8.05	8.3	1.741	96.9	3.2	0.7
1107	5/18/2016 04:21:05	17.90	49.48	32.42	7.56	8.05	9.2	1.709	96.7	2.9	0.7
1108	5/18/2016 04:36:05	18.05	49.48	32.42	7.56	8.05	8.1	1.671	97.0	2.9	0.7
1109	5/18/2016 04:51:05	18.07	49.45	32.41	7.42	8.04	7.0	1.654	95.3	2.8	0.7
1110	5/18/2016 05:06:06	18.02	49.42	32.38	7.62	8.06	9.1	1.704	97.7	2.9	0.7
1111	5/18/2016 05:21:05	17.90	49.52	32.46	7.58	8.05	10.3	1.724	97.1	3.1	0.7
1112	5/18/2016 05:36:05	17.93	49.50	32.44	7.59	8.04	9.6	1.756	97.2	3.0	0.7
1113	5/18/2016 05:51:05	17.89	49.47	32.42	7.56	8.04	10.0	1.831	96.8	2.9	0.7
1114	5/18/2016 06:06:05	17.99	49.30	32.29	7.43	8.03	11.5	1.905	95.2	2.4	0.6
1115	5/18/2016 06:21:05	17.93	49.30	32.29	7.49	8.03	10.3	1.968	95.9	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
1116	5/18/2016 06:36:05	17.97	49.21	32.23	7.38	8.03	11.4	2.029	94.5	2.8	0.7
1117	5/18/2016 06:51:05	17.88	49.27	32.27	7.43	8.03	12.5	2.107	95.0	2.8	0.7
1118	5/18/2016 07:06:05	17.72	49.38	32.35	7.50	8.03	12.6	2.193	95.6	3.0	0.7
1119	5/18/2016 07:21:06	17.54	49.43	32.39	7.54	8.03	14.0	2.246	95.8	2.4	0.6
1120	5/18/2016 07:36:05	17.29	49.50	32.43	7.60	8.03	14.4	2.322	96.2	2.1	0.5
1121	5/18/2016 07:51:06	16.87	49.62	32.52	7.87	8.05	9.0	2.388	98.9	2.9	0.7
1122	5/18/2016 08:06:06	16.66	49.68	32.56	8.07	8.06	7.1	2.473	101.0	3.1	0.7
1123	5/18/2016 08:21:05	16.53	49.72	32.59	8.12	8.07	6.4	2.542	101.4	2.7	0.6
1124	5/18/2016 08:36:06	16.48	49.75	32.61	8.17	8.07	6.0	2.602	101.9	2.9	0.7
1125	5/18/2016 08:51:06	16.42	49.77	32.62	8.17	8.07	5.8	2.678	101.7	2.3	0.6
1126	5/18/2016 09:06:06	16.35	49.78	32.63	8.23	8.07	6.2	2.750	102.4	2.6	0.6
1127	5/18/2016 09:21:06	16.19	49.82	32.66	8.25	8.08	6.1	2.812	102.3	2.5	0.6
1128	5/18/2016 09:36:06	16.05	49.85	32.67	8.31	8.08	5.5	2.866	102.8	2.3	0.5
1129	5/18/2016 09:51:06	15.95	49.87	32.69	8.33	8.08	5.7	2.932	102.8	2.9	0.7
1130	5/18/2016 10:06:06	15.85	49.90	32.70	8.20	8.07	4.9	2.995	101.1	2.5	0.6
1131	5/18/2016 10:21:06	15.67	49.90	32.70	8.02	8.06	6.0	3.033	98.5	2.6	0.6
1132	5/18/2016 10:36:06	15.50	49.92	32.71	8.28	8.08	5.4	3.079	101.3	2.9	0.7
1133	5/18/2016 10:51:06	15.40	49.94	32.73	8.36	8.09	5.6	3.118	102.1	3.0	0.7
1134	5/18/2016 11:06:06	15.30	49.98	32.76	8.38	8.09	4.5	3.145	102.2	2.8	0.7
1135	5/18/2016 11:21:06	15.53	49.80	32.63	8.27	8.08	4.7	3.134	101.3	3.7	0.9
1136	5/18/2016 11:36:06	15.36	49.99	32.76	8.22	8.08	5.0	3.138	100.3	2.8	0.7
1137	5/18/2016 11:51:06	15.37	49.98	32.75	8.19	8.08	10.8	3.121	100.1	3.4	0.8
1138	5/18/2016 12:21:06	15.77	49.92	32.72	8.26	8.08	11.3	3.015	101.7	3.7	0.9
1139	5/18/2016 12:36:06	15.99	49.91	32.72	8.35	8.08	7.1	2.959	103.2	3.3	0.8
1140	5/18/2016 12:51:06	16.32	49.88	32.70	8.46	8.09	6.5	2.879	105.3	2.8	0.7
1141	5/18/2016 13:06:06	16.63	49.83	32.67	8.58	8.09	7.2	2.803	107.3	3.2	0.8
1142	5/18/2016 13:21:06	16.72	49.81	32.65	8.40	8.09	7.2	2.736	105.3	3.0	0.7
1143	5/18/2016 13:36:06	16.91	49.78	32.64	8.44	8.09	7.2	2.660	106.2	3.1	0.7
1144	5/18/2016 13:51:05	17.21	49.74	32.61	8.44	8.09	7.3	2.586	106.8	3.3	0.8
1145	5/18/2016 14:06:05	17.41	49.71	32.59	8.48	8.09	7.0	2.511	107.6	3.0	0.7
1146	5/18/2016 14:21:06	17.73	49.69	32.57	8.49	8.10	8.7	2.440	108.4	3.0	0.7
1147	5/18/2016 14:36:05	17.92	49.70	32.59	8.64	8.11	64.6	2.350	110.8	3.4	0.8
1148	5/18/2016 14:51:05	18.11	49.64	32.54	8.54	8.10	20.3	2.282	109.9	3.4	0.8
1149	5/18/2016 15:06:05	18.27	49.62	32.53	8.45	8.10	41.5	2.209	109.0	3.0	0.7
1150	5/18/2016 15:21:05	18.31	49.60	32.51	8.25	8.09	10.7	2.147	106.6	3.9	0.9
1151	5/18/2016 15:36:05	18.50	49.61	32.52	8.31	8.10	10.5	2.097	107.6	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1152	5/18/2016 15:51:05	18.59	49.60	32.52	8.24	8.10	10.4	2.063	106.9	3.1	0.7
1153	5/18/2016 16:06:05	18.58	49.58	32.50	8.11	8.09	10.2	2.024	105.2	2.6	0.6
1154	5/18/2016 16:21:05	18.61	49.61	32.52	8.12	8.10	8.1	2.015	105.4	3.4	0.8
1155	5/18/2016 16:36:05	18.63	49.61	32.52	8.48	8.11	12.7	2.018	110.1	3.3	0.8
1156	5/18/2016 16:51:05	18.50	49.61	32.52	8.55	8.11	14.8	2.031	110.7	3.3	0.8
1157	5/18/2016 17:06:05	18.47	49.57	32.50	8.32	8.10	11.9	2.054	107.7	3.5	0.8
1158	5/18/2016 17:21:05	18.44	49.57	32.49	8.41	8.10	11.2	2.094	108.9	3.0	0.7
1159	5/18/2016 17:36:05	18.49	49.54	32.47	8.32	8.08	10.9	2.159	107.7	3.8	0.9
1160	5/18/2016 17:51:05	18.41	49.53	32.46	8.23	8.08	10.7	2.213	106.4	4.0	1.0
1161	5/18/2016 18:06:05	18.24	49.53	32.46	8.21	8.07	9.7	2.271	105.8	3.3	0.8
1162	5/18/2016 18:21:05	18.33	49.50	32.44	8.20	8.07	9.8	2.346	105.8	3.4	0.8
1163	5/18/2016 18:36:05	18.22	49.53	32.46	8.19	8.07	10.0	2.418	105.5	4.1	1.0
1164	5/18/2016 18:51:05	18.07	49.57	32.49	8.39	8.08	9.4	2.484	107.7	3.4	0.8
1165	5/18/2016 19:06:06	17.89	49.61	32.52	8.41	8.08	9.0	2.563	107.6	3.7	0.9
1166	5/18/2016 19:21:06	17.53	49.66	32.56	8.44	8.09	8.7	2.639	107.3	3.7	0.9
1167	5/18/2016 19:36:06	17.28	49.73	32.60	8.55	8.10	8.4	2.707	108.3	4.2	1.0
1168	5/18/2016 19:51:06	16.90	49.79	32.64	8.48	8.09	7.5	2.790	106.7	4.0	0.9
1169	5/18/2016 20:06:06	16.66	49.82	32.66	8.52	8.09	6.5	2.862	106.6	3.8	0.9
1170	5/18/2016 20:21:06	16.42	49.86	32.69	8.49	8.09	6.5	2.932	105.9	3.7	0.9
1171	5/18/2016 20:36:06	16.28	49.90	32.72	8.47	8.09	6.8	3.019	105.3	3.7	0.9
1172	5/18/2016 20:51:06	16.04	49.97	32.76	8.55	8.10	7.4	3.101	105.9	4.2	1.0
1173	5/18/2016 21:06:06	15.81	50.02	32.80	8.55	8.10	8.8	3.166	105.4	3.8	0.9
1174	5/18/2016 21:21:06	15.47	50.08	32.83	8.69	8.10	7.5	3.247	106.4	3.9	0.9
1175	5/18/2016 21:36:06	15.17	50.16	32.88	8.77	8.11	6.9	3.330	106.8	3.3	0.8
1176	5/18/2016 21:51:06	14.90	50.23	32.93	8.76	8.11	7.2	3.398	106.1	3.7	0.9
1177	5/18/2016 22:06:06	14.69	50.30	32.97	8.79	8.11	5.7	3.451	106.1	3.9	0.9
1178	5/18/2016 22:21:06	14.40	50.38	33.02	8.75	8.11	7.5	3.516	105.0	3.9	0.9
1179	5/18/2016 22:36:05	14.04	50.50	33.10	8.75	8.10	5.7	3.558	104.2	4.4	1.0
1180	5/18/2016 22:51:06	13.86	50.56	33.14	8.70	8.09	4.3	3.581	103.3	4.1	1.0
1181	5/18/2016 23:06:06	13.88	50.55	33.13	8.37	8.08	3.6	3.583	99.5	5.8	1.4
1182	5/18/2016 23:21:06	13.86	50.57	33.15	8.48	8.08	4.2	3.581	100.7	3.1	0.7
1183	5/18/2016 23:36:06	14.14	50.50	33.10	8.49	8.09	4.0	3.554	101.3	2.8	0.7
1184	5/18/2016 23:51:05	14.62	50.39	33.04	8.52	8.10	38.9	3.487	102.6	3.2	0.8
1185	5/19/2016 00:06:06	14.72	50.33	32.99	8.54	8.10	11.3	3.423	103.2	2.9	0.7
1186	5/19/2016 00:21:06	14.40	50.43	33.06	8.59	8.10	9.2	3.351	103.0	3.5	0.8
1187	5/19/2016 00:36:06	14.58	50.37	33.02	8.53	8.10	10.5	3.250	102.7	3.5	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1188	5/19/2016 00:51:06	15.33	50.12	32.86	8.32	8.09	11.6	3.168	101.6	3.5	0.8
1189	5/19/2016 01:06:06	15.93	50.03	32.80	8.19	8.09	15.6	3.070	101.2	3.5	0.8
1190	5/19/2016 01:21:06	16.26	49.95	32.75	8.03	8.08	25.2	2.962	99.8	3.8	0.9
1191	5/19/2016 01:36:06	16.45	49.91	32.72	8.00	8.08	18.5	2.866	99.7	3.6	0.8
1192	5/19/2016 01:51:06	16.73	49.83	32.67	7.87	8.07	17.1	2.771	98.6	3.6	0.8
1193	5/19/2016 02:06:05	16.49	49.87	32.70	7.92	8.07	15.6	2.668	98.8	3.7	0.9
1194	5/19/2016 02:21:06	16.52	49.85	32.68	7.97	8.07	13.9	2.551	99.5	3.2	0.8
1195	5/19/2016 02:36:06	16.16	49.93	32.74	7.88	8.06	15.1	2.438	97.7	4.0	1.0
1196	5/19/2016 02:51:06	16.84	49.85	32.68	7.85	8.07	14.8	2.330	98.6	3.4	0.8
1197	5/19/2016 03:06:06	16.46	49.95	32.75	7.85	8.07	15.4	2.216	97.9	3.1	0.7
1198	5/19/2016 03:21:06	16.69	49.88	32.71	7.74	8.07	14.1	2.108	97.0	3.5	0.8
1199	5/19/2016 03:36:06	16.84	49.85	32.69	7.67	8.06	15.2	2.001	96.4	3.8	0.9
1200	5/19/2016 03:51:06	16.92	49.89	32.71	7.60	8.06	14.4	1.872	95.7	3.4	0.8
1201	5/19/2016 04:06:06	16.93	49.83	32.67	7.67	8.07	12.3	1.797	96.5	3.4	0.8
1202	5/19/2016 04:21:06	17.08	49.82	32.67	7.60	8.07	11.4	1.702	95.9	3.3	0.8
1203	5/19/2016 04:36:06	17.29	49.78	32.64	7.59	8.07	11.5	1.628	96.2	3.2	0.8
1204	5/19/2016 04:51:06	17.40	49.75	32.61	7.59	8.07	11.4	1.578	96.4	3.5	0.8
1205	5/19/2016 05:06:06	17.53	49.72	32.60	7.58	8.08	11.1	1.534	96.5	3.9	0.9
1206	5/19/2016 05:21:06	17.74	49.68	32.57	7.44	8.08	11.5	1.525	95.1	3.7	0.9
1207	5/19/2016 05:36:06	17.71	49.70	32.58	7.50	8.08	11.5	1.536	95.8	3.8	0.9
1208	5/19/2016 05:51:06	17.64	49.68	32.57	7.55	8.08	11.5	1.551	96.3	3.4	0.8
1209	5/19/2016 06:06:06	17.60	49.69	32.58	7.52	8.08	10.2	1.615	95.8	2.9	0.7
1210	5/19/2016 06:21:06	17.70	49.68	32.57	7.46	8.08	12.9	1.647	95.3	2.9	0.7
1211	5/19/2016 06:36:06	17.70	49.68	32.57	7.49	8.08	11.2	1.723	95.6	2.7	0.6
1212	5/19/2016 06:51:06	17.64	49.68	32.57	7.47	8.08	12.8	1.805	95.2	3.0	0.7
1213	5/19/2016 07:06:06	17.65	49.48	32.42	7.36	8.07	14.1	1.855	93.7	2.9	0.7
1214	5/19/2016 07:21:06	17.63	49.51	32.44	7.36	8.07	13.7	1.936	93.8	2.7	0.6
1215	5/19/2016 07:36:06	17.63	49.46	32.41	7.36	8.06	15.2	2.014	93.7	3.7	0.9
1216	5/19/2016 07:51:06	17.56	49.50	32.44	7.40	8.06	15.5	2.100	94.2	2.9	0.7
1217	5/19/2016 08:06:06	17.48	49.58	32.49	7.47	8.06	15.7	2.161	94.9	3.1	0.7
1218	5/19/2016 08:21:06	17.28	49.63	32.53	7.52	8.06	17.0	2.251	95.2	3.2	0.8
1219	5/19/2016 08:36:06	17.00	49.71	32.58	7.69	8.07	13.8	2.335	96.8	2.7	0.6
1220	5/19/2016 08:51:06	16.81	49.75	32.61	7.73	8.07	12.2	2.409	97.0	4.5	1.1
1221	5/19/2016 09:06:06	16.63	49.81	32.65	7.88	8.08	10.0	2.493	98.6	3.6	0.9
1222	5/19/2016 09:21:06	16.44	49.86	32.69	7.93	8.08	7.7	2.560	98.9	3.3	0.8
1223	5/19/2016 09:36:06	16.41	49.88	32.70	7.95	8.08	7.0	2.645	99.0	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
1224	5/19/2016 09:51:06	16.42	49.88	32.70	7.91	8.08	7.0	2.717	98.5	1.9	0.4
1225	5/19/2016 10:06:06	16.37	49.87	32.69	7.80	8.07	8.2	2.780	97.1	2.8	0.7
1226	5/19/2016 10:21:06	16.21	49.91	32.72	7.81	8.07	7.9	2.840	97.0	2.6	0.6
1227	5/19/2016 10:36:06	16.05	49.95	32.75	7.81	8.07	7.3	2.909	96.7	2.6	0.6
1228	5/19/2016 10:51:06	15.94	49.97	32.76	7.89	8.07	7.3	2.970	97.4	2.9	0.7
1229	5/19/2016 11:06:06	15.82	49.97	32.76	7.93	8.08	7.8	3.015	97.7	2.6	0.6
1230	5/19/2016 11:21:06	15.49	49.98	32.76	8.06	8.08	7.9	3.063	98.6	2.7	0.6
1231	5/19/2016 11:36:06	15.38	50.00	32.77	8.08	8.08	7.2	3.105	98.7	2.5	0.6
1232	5/19/2016 11:51:06	15.27	50.04	32.80	8.18	8.08	6.4	3.140	99.7	2.2	0.5
1233	5/19/2016 12:06:06	15.26	50.05	32.80	8.01	8.07	5.0	3.136	97.7	3.1	0.7
1234	5/19/2016 12:21:06	15.29	50.05	32.81	7.88	8.07	5.9	3.143	96.1	2.0	0.5
1235	5/19/2016 12:36:06	15.33	50.04	32.80	8.01	8.07	5.1	3.133	97.8	2.3	0.5
1236	5/19/2016 12:51:06	15.45	50.01	32.78	7.96	8.07	6.2	3.085	97.4	2.4	0.6
1237	5/19/2016 13:06:06	15.81	50.01	32.78	7.98	8.08	10.3	3.023	98.3	2.2	0.5
1238	5/19/2016 13:21:06	16.14	50.00	32.78	8.03	8.08	12.6	2.973	99.6	2.5	0.6
1239	5/19/2016 13:36:06	16.38	49.99	32.78	8.21	8.09	20.1	2.898	102.3	3.4	0.8
1240	5/19/2016 13:51:06	16.55	49.98	32.77	8.25	8.10	23.0	2.824	103.1	3.7	0.9
1241	5/19/2016 14:06:06	16.72	49.94	32.75	8.11	8.10	27.9	2.754	101.7	4.0	0.9
1242	5/19/2016 14:21:05	16.89	49.91	32.73	8.12	8.09	30.8	2.669	102.1	4.7	1.1
1243	5/19/2016 14:36:05	17.21	49.87	32.70	8.05	8.09	43.5	2.591	101.8	4.6	1.1
1244	5/19/2016 14:51:06	17.48	49.88	32.71	8.12	8.10	42.2	2.517	103.3	4.9	1.2
1245	5/19/2016 15:06:06	17.72	49.80	32.66	7.97	8.08	44.0	2.445	101.8	5.1	1.2
1246	5/19/2016 15:21:05	17.75	49.79	32.65	7.93	8.09	39.3	2.368	101.4	4.7	1.1
1247	5/19/2016 15:36:06	17.83	49.76	32.63	7.81	8.07	32.6	2.309	100.0	4.7	1.1
1248	5/19/2016 15:51:05	17.80	49.76	32.63	7.77	8.07	28.6	2.233	99.4	4.7	1.1
1249	5/19/2016 16:06:05	17.88	49.76	32.63	7.85	8.08	26.1	2.175	100.6	4.5	1.1
1250	5/19/2016 16:21:05	18.02	49.77	32.64	7.86	8.08	89.3	2.132	101.0	4.9	1.2
1251	5/19/2016 16:36:05	17.94	49.79	32.65	7.81	8.08	21.7	2.087	100.1	3.8	0.9
1252	5/19/2016 16:51:06	17.98	49.79	32.65	7.48	8.07	18.6	2.070	96.1	4.0	0.9
1253	5/19/2016 17:06:06	18.06	49.82	32.67	7.53	8.10	14.7	2.054	96.8	3.4	0.8
1254	5/19/2016 17:21:05	18.04	49.85	32.69	8.38	8.14	18.6	2.067	107.7	3.7	0.9
1255	5/19/2016 17:36:05	18.07	49.80	32.66	8.12	8.11	17.8	2.085	104.4	4.5	1.1
1256	5/19/2016 17:51:06	18.09	49.78	32.65	8.02	8.10	17.5	2.104	103.2	4.6	1.1
1257	5/19/2016 18:06:05	18.26	49.75	32.62	7.86	8.08	20.5	2.167	101.4	4.3	1.0
1258	5/19/2016 18:21:05	18.31	49.74	32.62	7.80	8.07	22.8	2.218	100.8	5.2	1.2
1259	5/19/2016 18:36:05	18.22	49.72	32.60	7.83	8.07	20.2	2.276	101.0	5.0	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1260	5/19/2016 18:51:05	18.29	49.65	32.55	7.81	8.06	20.2	2.338	100.8	4.2	1.0
1261	5/19/2016 19:06:05	18.28	49.62	32.53	7.79	8.06	22.8	2.410	100.5	4.5	1.1
1262	5/19/2016 19:21:05	18.07	49.64	32.55	7.85	8.07	25.7	2.489	100.9	4.2	1.0
1263	5/19/2016 19:36:06	17.86	49.67	32.56	7.83	8.07	24.7	2.553	100.3	4.7	1.1
1264	5/19/2016 19:51:06	17.47	49.74	32.61	7.88	8.07	18.2	2.623	100.2	3.9	0.9
1265	5/19/2016 20:06:06	16.98	49.84	32.68	8.00	8.08	17.2	2.703	100.8	3.8	0.9
1266	5/19/2016 20:21:06	16.51	49.94	32.74	8.06	8.08	17.4	2.775	100.6	3.5	0.8
1267	5/19/2016 20:36:06	16.16	50.02	32.80	8.11	8.08	15.1	2.842	100.6	3.6	0.9
1268	5/19/2016 20:51:06	16.01	50.05	32.82	8.14	8.08	15.9	2.927	100.7	4.1	1.0
1269	5/19/2016 21:06:06	15.82	50.10	32.85	8.16	8.08	16.9	3.008	100.6	3.7	0.9
1270	5/19/2016 21:21:06	15.45	50.19	32.91	8.19	8.08	17.7	3.085	100.2	3.6	0.8
1271	5/19/2016 21:36:06	15.19	50.26	32.96	8.27	8.08	24.3	3.166	100.8	4.4	1.0
1272	5/19/2016 21:51:06	14.97	50.31	32.99	8.34	8.08	18.7	3.239	101.2	4.6	1.1
1273	5/19/2016 22:06:06	14.61	50.41	33.05	8.34	8.08	16.2	3.322	100.5	4.1	1.0
1274	5/19/2016 22:21:05	14.42	50.45	33.08	8.30	8.07	13.2	3.398	99.6	3.6	0.9
1275	5/19/2016 22:36:05	14.18	50.51	33.11	8.31	8.07	9.4	3.457	99.4	3.3	0.8
1276	5/19/2016 22:51:06	13.62	50.67	33.21	8.32	8.05	8.2	3.513	98.4	51.3	12.2
1277	5/19/2016 23:06:06	13.37	50.73	33.25	8.27	8.04	7.3	3.560	97.3	3.5	0.8
1278	5/19/2016 23:21:05	13.21	50.77	33.27	8.24	8.04	5.7	3.586	96.6	13.7	3.2
1279	5/19/2016 23:36:05	13.13	50.78	33.27	8.05	8.03	3.8	3.600	94.3	2.9	0.7
1280	5/19/2016 23:51:05	13.16	50.78	33.28	8.06	8.03	4.4	3.588	94.5	3.2	0.8
1281	5/20/2016 00:06:05	13.18	50.79	33.28	8.07	8.03	5.0	3.565	94.5	2.9	0.7
1282	5/20/2016 00:21:05	13.38	50.72	33.24	8.06	8.04	6.5	3.512	94.8	2.6	0.6
1283	5/20/2016 00:36:06	14.28	50.53	33.13	8.08	8.06	12.6	3.434	96.8	3.2	0.7
1284	5/20/2016 00:51:06	13.94	50.58	33.16	8.10	8.05	10.4	3.358	96.3	7.6	1.8
1285	5/20/2016 01:06:06	14.16	50.58	33.17	8.05	8.05	11.3	3.268	96.2	2.8	0.7
1286	5/20/2016 01:21:06	15.07	50.36	33.03	7.95	8.07	14.1	3.165	96.7	3.3	0.8
1287	5/20/2016 01:36:06	15.39	50.28	32.98	7.83	8.08	14.5	3.072	95.8	3.4	0.8
1288	5/20/2016 01:51:06	15.53	50.24	32.95	7.79	8.08	18.0	2.967	95.6	3.4	0.8
1289	5/20/2016 02:06:06	15.63	50.20	32.93	7.79	8.07	14.0	2.868	95.8	3.1	0.7
1290	5/20/2016 02:21:06	15.93	50.11	32.86	7.72	8.07	13.9	2.762	95.4	3.3	0.8
1291	5/20/2016 02:36:06	16.37	50.00	32.79	7.67	8.07	18.3	2.656	95.5	3.2	0.8
1292	5/20/2016 02:51:06	16.39	50.01	32.80	7.61	8.06	15.5	2.538	94.8	3.4	0.8
1293	5/20/2016 03:06:06	16.45	50.06	32.84	7.59	8.06	16.1	2.417	94.7	3.6	0.9
1294	5/20/2016 03:21:06	16.32	50.07	32.84	7.60	8.06	17.4	2.319	94.6	3.5	0.8
1295	5/20/2016 03:36:06	16.43	50.05	32.83	7.57	8.06	16.1	2.197	94.4	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
1296	5/20/2016 03:51:06	16.33	50.09	32.85	7.52	8.06	18.2	2.074	93.6	3.9	0.9
1297	5/20/2016 04:06:06	16.30	50.07	32.84	7.52	8.06	16.4	1.953	93.5	3.6	0.8
1298	5/20/2016 04:21:06	16.42	50.07	32.84	7.46	8.06	16.1	1.843	93.0	3.8	0.9
1299	5/20/2016 04:36:06	16.53	50.04	32.82	7.41	8.06	22.2	1.728	92.6	3.3	0.8
1300	5/20/2016 04:51:06	16.58	50.03	32.81	7.41	8.06	14.7	1.628	92.8	3.6	0.9
1301	5/20/2016 05:06:06	16.70	49.97	32.77	7.39	8.06	15.6	1.559	92.6	3.8	0.9
1302	5/20/2016 05:21:06	16.78	49.96	32.76	7.33	8.07	13.4	1.485	92.0	3.4	0.8
1303	5/20/2016 05:36:06	16.79	49.92	32.74	7.29	8.06	11.3	1.423	91.6	3.3	0.8
1304	5/20/2016 05:51:05	16.87	49.91	32.73	7.28	8.07	10.6	1.411	91.6	3.0	0.7
1305	5/20/2016 06:06:06	16.75	49.93	32.74	7.38	8.07	12.1	1.415	92.6	3.3	0.8
1306	5/20/2016 06:21:06	16.86	49.92	32.74	7.42	8.08	10.3	1.435	93.2	3.0	0.7
1307	5/20/2016 06:36:06	16.86	49.93	32.74	7.41	8.07	10.3	1.466	93.1	2.6	0.6
1308	5/20/2016 06:51:06	17.00	49.91	32.73	7.34	8.07	11.7	1.544	92.5	3.2	0.8
1309	5/20/2016 07:06:06	17.05	49.90	32.73	7.30	8.07	14.4	1.609	92.2	4.0	1.0
1310	5/20/2016 07:21:06	16.99	49.78	32.64	7.24	8.05	13.7	1.688	91.3	3.2	0.8
1311	5/20/2016 07:36:06	16.97	49.53	32.45	7.14	8.03	17.7	1.769	89.8	3.3	0.8
1312	5/20/2016 07:51:06	16.96	49.49	32.43	7.12	8.03	18.8	1.846	89.6	3.2	0.8
1313	5/20/2016 08:06:06	16.95	49.73	32.60	7.20	8.04	18.9	1.936	90.6	3.0	0.7
1314	5/20/2016 08:21:06	16.93	49.78	32.63	7.24	8.04	16.4	2.015	91.1	2.6	0.6
1315	5/20/2016 08:36:06	16.93	49.82	32.66	7.27	8.04	16.4	2.089	91.5	3.0	0.7
1316	5/20/2016 08:51:06	16.74	49.88	32.71	7.32	8.05	16.6	2.175	91.8	3.4	0.8
1317	5/20/2016 09:06:06	16.51	49.95	32.75	7.44	8.05	14.1	2.253	92.9	3.2	0.8
1318	5/20/2016 09:21:06	16.27	50.02	32.80	7.54	8.06	11.6	2.344	93.8	2.4	0.6
1319	5/20/2016 09:36:06	16.17	50.05	32.82	7.52	8.06	9.8	2.429	93.3	2.5	0.6
1320	5/20/2016 09:51:05	16.09	50.07	32.84	7.53	8.06	9.6	2.508	93.3	2.9	0.7
1321	5/20/2016 10:06:06	16.06	50.08	32.84	7.62	8.06	8.9	2.591	94.4	3.0	0.7
1322	5/20/2016 10:21:06	15.91	50.10	32.86	7.64	8.06	10.9	2.672	94.4	2.7	0.6
1323	5/20/2016 10:36:06	15.77	50.13	32.88	7.67	8.06	11.0	2.749	94.4	2.6	0.6
1324	5/20/2016 10:51:06	15.66	50.16	32.89	7.63	8.06	11.2	2.825	93.8	2.8	0.7
1325	5/20/2016 11:06:06	15.46	50.13	32.87	7.69	8.05	13.2	2.894	94.1	2.6	0.6
1326	5/20/2016 11:21:06	15.18	50.16	32.89	7.79	8.06	25.0	2.960	94.8	2.6	0.6
1327	5/20/2016 11:36:06	15.01	50.23	32.93	7.86	8.06	11.9	3.030	95.4	2.5	0.6
1328	5/20/2016 11:51:06	14.56	50.36	33.02	7.86	8.04	20.5	3.085	94.6	2.6	0.6
1329	5/20/2016 12:06:06	14.25	50.46	33.07	7.84	8.04	9.4	3.137	93.8	2.9	0.7
1330	5/20/2016 12:21:06	13.93	50.56	33.14	7.87	8.04	8.9	3.173	93.6	4.1	1.0
1331	5/20/2016 12:36:06	13.74	50.62	33.18	7.96	8.04	6.1	3.211	94.3	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
1332	5/20/2016 12:51:06	13.70	50.65	33.20	7.87	8.03	4.7	3.219	93.2	3.7	0.9
1333	5/20/2016 13:06:06	13.76	50.64	33.19	7.75	8.02	5.1	3.219	91.9	1.9	0.5
1334	5/20/2016 13:21:06	13.77	50.64	33.19	7.80	8.03	7.1	3.202	92.5	1.9	0.4
1335	5/20/2016 13:36:06	13.98	50.58	33.16	7.74	8.03	228.7	3.142	92.1	2.0	0.5
1336	5/20/2016 13:51:06	15.08	50.28	32.97	7.78	8.05	14.4	3.091	94.6	2.4	0.6
1337	5/20/2016 14:06:05	15.90	50.18	32.91	7.98	8.06	10.1	3.028	98.6	2.7	0.6
1338	5/20/2016 14:21:05	15.81	50.23	32.95	8.11	8.07	8.2	2.951	100.1	2.6	0.6
1339	5/20/2016 14:36:06	16.10	50.19	32.93	8.11	8.09	8.2	2.880	100.6	2.1	0.5
1340	5/20/2016 14:51:06	16.41	50.14	32.89	8.12	8.09	11.1	2.796	101.3	2.6	0.6
1341	5/20/2016 15:06:06	16.66	50.09	32.86	8.25	8.10	10.7	2.717	103.4	3.1	0.7
1342	5/20/2016 15:21:06	16.88	50.07	32.85	8.37	8.11	8.9	2.645	105.4	2.8	0.7
1343	5/20/2016 15:36:05	17.10	50.07	32.85	8.29	8.11	10.6	2.578	104.8	3.0	0.7
Mean		14.97	49.66	32.50	8.15	8.03	11.17	2.65	98.48	3.49	0.83
Minimum		10.89	47.51	30.96	7.02	7.93	2.50	0.85	87.60	1.40	0.30
Maximum		18.63	51.04	33.35	10.59	8.19	228.70	4.13	124.90	51.30	12.20

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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	5/20/2016 15:51:39	17.49	48.63	31.80		8.08	11.0	2.515		3.7	0.9
1	5/20/2016 16:06:39	17.58	48.72	31.87		8.10	8.6	2.452		2.9	0.7
2	5/20/2016 16:21:38	17.81	48.44	31.66		8.08	8.7	2.381		2.9	0.7
3	5/20/2016 16:36:39	17.86	48.61	31.79		8.08	7.9	2.332		3.1	0.7
4	5/20/2016 16:51:39	17.99	48.51	31.72		8.08	8.6	2.275		3.4	0.8
5	5/20/2016 17:06:39	18.11	48.52	31.72		8.08	8.5	2.210		3.8	0.9
6	5/20/2016 17:21:39	18.30	48.70	31.85		8.13	7.9	2.213		3.3	0.8
7	5/20/2016 17:36:39	18.30	48.73	31.87		8.15	8.4	2.173		3.1	0.7
8	5/20/2016 17:51:39	18.24	48.59	31.77		8.11	8.9	2.144		3.0	0.7
9	5/20/2016 18:06:39	18.16	48.58	31.77		8.08	9.5	2.170		4.0	0.9
10	5/20/2016 18:21:39	18.04	48.59	31.77		8.07	9.0	2.208		3.9	0.9
11	5/20/2016 18:36:39	17.95	48.57	31.76		8.06	9.0	2.244		4.2	1.0
12	5/20/2016 18:51:39	17.93	48.53	31.73		8.06	9.6	2.286		4.5	1.1
13	5/20/2016 19:06:39	17.81	48.67	31.83		8.06	9.9	2.360		4.0	0.9
14	5/20/2016 19:21:39	17.92	48.60	31.78		8.07	11.3	2.425		4.3	1.0
15	5/20/2016 19:36:40	17.68	48.70	31.86		8.07	12.0	2.506		4.4	1.0
16	5/20/2016 19:51:39	17.50	48.71	31.86		8.07	9.4	2.578		3.4	0.8
17	5/20/2016 20:06:39	17.22	48.63	31.80		8.06	9.4	2.645		3.5	0.8
18	5/20/2016 20:21:39	17.00	48.65	31.81		8.06	9.8	2.724		3.9	0.9
19	5/20/2016 20:36:39	16.55	48.85	31.95		8.05	9.5	2.792		3.5	0.8
20	5/20/2016 20:51:39	16.17	48.90	31.98		8.04	7.9	2.866		3.2	0.7
21	5/20/2016 21:06:39	15.86	48.90	31.98		8.03	7.8	2.955		2.7	0.6
22	5/20/2016 21:21:39	15.69	48.98	32.04		8.03	8.2	3.025		2.9	0.7
23	5/20/2016 21:36:39	15.30	49.01	32.04		8.02	9.0	3.109		2.9	0.7
24	5/20/2016 21:51:39	15.01	49.09	32.10		8.02	8.7	3.191		2.8	0.7
25	5/20/2016 22:06:40	14.56	49.24	32.20		8.01	8.5	3.263		2.6	0.6
26	5/20/2016 22:21:40	14.31	49.23	32.18		8.01	7.6	3.347		2.5	0.6
27	5/20/2016 22:36:39	13.96	49.33	32.25		8.00	8.1	3.422		2.9	0.7
28	5/20/2016 22:51:39	13.50	49.44	32.31		7.99	6.2	3.495		2.6	0.6
29	5/20/2016 23:06:39	13.16	49.41	32.27		7.98	5.6	3.558		2.8	0.7
30	5/20/2016 23:21:39	13.01	49.49	32.33		7.97	5.8	3.600		2.3	0.5
31	5/20/2016 23:36:39	12.73	49.57	32.38		7.97	4.2	3.635		2.0	0.5
32	5/20/2016 23:51:39	12.60	49.66	32.44		7.97	3.7	3.675		2.8	0.7
33	5/21/2016 00:06:39	12.54	49.66	32.43		7.96	2.9	3.691		3.5	0.8
34	5/21/2016 00:21:39	12.58	49.58	32.38		7.96	4.1	3.661		2.2	0.5
35	5/21/2016 00:36:40	12.74	49.63	32.42		7.96	4.3	3.639		1.4	0.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
36	5/21/2016 00:51:39	14.62	49.11	32.10		8.02	7.2	3.599		2.7	0.6
37	5/21/2016 01:06:39	14.62	49.09	32.09		8.01	8.6	3.521		3.1	0.7
38	5/21/2016 01:21:39	14.55	49.21	32.17		8.02	8.8	3.429		2.7	0.6
39	5/21/2016 01:36:40	14.02	49.25	32.18		8.00	6.7	3.345		7.5	1.8
40	5/21/2016 01:51:39	14.84	49.13	32.12		8.03	9.2	3.249		3.0	0.7
41	5/21/2016 02:06:39	15.01	48.99	32.02		8.03	9.4	3.153		2.6	0.6
42	5/21/2016 02:21:39	15.09	49.02	32.05		8.03	10.2	3.029		3.1	0.7
43	5/21/2016 02:36:39	15.35	48.84	31.93		8.03	9.7	2.943		2.6	0.6
44	5/21/2016 02:51:40	15.63	48.97	32.02		8.03	9.8	2.818		2.9	0.7
45	5/21/2016 03:06:39	15.69	48.89	31.97		8.03	10.4	2.721		2.7	0.6
46	5/21/2016 03:21:39	16.23	48.82	31.93		8.04	10.5	2.607		2.9	0.7
47	5/21/2016 03:36:39	16.25	48.82	31.92		8.04	10.4	2.476		2.9	0.7
48	5/21/2016 03:51:39	15.93	48.97	32.03		8.02	10.9	2.362		2.7	0.6
49	5/21/2016 04:06:39	16.46	48.82	31.93		8.04	12.5	2.240		3.2	0.8
50	5/21/2016 04:21:39	16.29	48.88	31.97		8.03	12.8	2.125		3.1	0.7
51	5/21/2016 04:36:39	16.68	48.79	31.91		8.05	12.1	1.990		3.4	0.8
52	5/21/2016 04:51:39	16.84	48.61	31.78		8.05	12.4	1.852		3.4	0.8
53	5/21/2016 05:06:39	16.76	48.72	31.86		8.05	11.4	1.767		3.5	0.8
54	5/21/2016 05:21:39	16.79	48.73	31.87		8.04	12.9	1.632		3.9	0.9
55	5/21/2016 05:36:39	17.08	48.65	31.81		8.06	11.1	1.519		3.3	0.8
56	5/21/2016 05:51:39	17.12	48.69	31.84		8.06	10.6	1.468		3.9	0.9
57	5/21/2016 06:06:39	17.14	48.62	31.79		8.06	10.1	1.393		3.1	0.7
58	5/21/2016 06:21:39	17.24	48.64	31.81		8.07	9.3	1.361		3.3	0.8
59	5/21/2016 06:36:39	17.24	48.59	31.77		8.07	8.6	1.340		3.5	0.8
60	5/21/2016 06:51:39	17.31	48.58	31.76		8.08	8.6	1.376		3.7	0.9
61	5/21/2016 07:06:39	17.27	48.59	31.77		8.07	8.2	1.424		3.4	0.8
62	5/21/2016 07:21:39	17.37	48.63	31.80		8.07	9.6	1.473		2.7	0.6
63	5/21/2016 07:36:39	17.34	48.65	31.81		8.07	13.3	1.558		6.4	1.5
64	5/21/2016 07:51:39	17.39	48.28	31.55		8.06	13.1	1.648		3.7	0.9
65	5/21/2016 08:06:39	17.36	48.28	31.54		8.06	11.3	1.716		3.4	0.8
66	5/21/2016 08:21:39	17.36	48.08	31.40		8.05	12.0	1.807		3.1	0.7
67	5/21/2016 08:36:39	17.32	48.17	31.47		8.05	12.6	1.879		3.7	0.9
68	5/21/2016 08:51:39	17.26	48.30	31.56		8.05	12.2	1.968		3.0	0.7
69	5/21/2016 09:06:39	17.22	48.42	31.65		8.04	10.7	2.049		2.8	0.7
70	5/21/2016 09:21:39	17.02	48.57	31.75		8.04	11.1	2.133		2.9	0.7
71	5/21/2016 09:36:39	16.67	48.62	31.78		8.04	9.0	2.219		2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
72	5/21/2016 09:51:39	16.62	48.68	31.83		8.04	8.4	2.311		2.5	0.6
73	5/21/2016 10:06:40	16.55	48.78	31.90		8.05	8.3	2.396		2.9	0.7
74	5/21/2016 10:21:39	16.42	48.76	31.88		8.05	8.3	2.489		2.7	0.6
75	5/21/2016 10:36:39	16.30	48.84	31.94		8.04	8.5	2.573		2.3	0.5
76	5/21/2016 10:51:39	16.10	48.85	31.95		8.04	8.6	2.657		2.7	0.6
77	5/21/2016 11:06:40	15.95	48.89	31.97		8.03	8.5	2.734		2.8	0.7
78	5/21/2016 11:21:40	15.80	48.97	32.03		8.03	9.0	2.816		2.8	0.7
79	5/21/2016 11:36:40	15.50	48.84	31.93		8.02	10.5	2.897		3.0	0.7
80	5/21/2016 11:51:39	15.23	48.98	32.02		8.02	10.3	2.964		2.9	0.7
81	5/21/2016 12:06:39	15.00	49.01	32.04		8.02	8.7	3.039		2.9	0.7
82	5/21/2016 12:21:39	14.72	48.98	32.01		8.01	7.8	3.104		2.9	0.7
83	5/21/2016 12:36:39	14.19	49.24	32.18		7.99	7.9	3.151		3.0	0.7
84	5/21/2016 12:51:39	13.88	49.27	32.20		7.98	6.6	3.201		2.5	0.6
85	5/21/2016 13:06:39	13.70	49.32	32.23		7.98	5.5	3.242		2.4	0.6
86	5/21/2016 13:21:39	13.66	49.34	32.24		7.99	4.4	3.269		2.7	0.6
87	5/21/2016 13:36:39	13.68	49.29	32.21		7.98	4.8	3.268		2.0	0.5
88	5/21/2016 13:51:39	13.70	49.34	32.24		7.98	5.1	3.268		2.0	0.5
89	5/21/2016 14:06:39	13.74	49.33	32.24		7.98	5.4	3.236		2.6	0.6
90	5/21/2016 14:21:39	13.94	49.33	32.25		7.98	5.9	3.186		2.3	0.5
91	5/21/2016 14:36:39	14.67	49.17	32.15		8.00	7.9	3.128		2.3	0.5
92	5/21/2016 14:51:39	15.26	48.93	31.98		8.02	9.8	3.062		1.8	0.4
93	5/21/2016 15:06:39	15.87	48.97	32.03		8.04	10.4	3.002		2.2	0.5
94	5/21/2016 15:21:39	16.13	48.91	31.99		8.04	9.0	2.919		3.0	0.7
95	5/21/2016 15:36:39	16.60	48.85	31.95		8.06	8.1	2.844		2.3	0.5
96	5/21/2016 15:51:39	16.68	48.92	32.00		8.07	8.2	2.768		2.2	0.5
97	5/21/2016 16:06:39	16.84	48.83	31.94		8.08	8.4	2.690		2.8	0.7
98	5/21/2016 16:21:39	16.87	48.88	31.98		8.08	8.4	2.634		2.4	0.6
99	5/21/2016 16:36:39	16.95	48.88	31.98		8.08	8.3	2.569		3.4	0.8
100	5/21/2016 16:51:39	16.96	48.91	32.00		8.08	8.4	2.505		3.5	0.8
101	5/21/2016 17:06:39	17.05	48.87	31.97		8.10	8.0	2.445		2.6	0.6
102	5/21/2016 17:21:39	17.18	48.73	31.87		8.09	8.2	2.389		4.1	1.0
103	5/21/2016 17:36:39	17.34	48.74	31.88		8.10	8.3	2.351		3.8	0.9
104	5/21/2016 17:51:39	17.43	48.79	31.92		8.10	8.4	2.311		3.1	0.7
105	5/21/2016 18:06:39	17.51	48.74	31.88		8.10	8.3	2.288		3.8	0.9
106	5/21/2016 18:21:38	17.54	48.63	31.80		8.09	5.9	2.271		3.5	0.8
107	5/21/2016 18:36:39	17.52	48.76	31.90		8.09	8.6	2.268		4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
108	5/21/2016 18:51:39	17.44	48.71	31.86		8.09	7.9	2.300		3.7	0.9
109	5/21/2016 19:06:39	17.33	48.73	31.87		8.08	7.8	2.327		3.6	0.9
110	5/21/2016 19:21:39	17.28	48.76	31.89		8.08	9.0	2.368		3.9	0.9
111	5/21/2016 19:36:39	17.17	48.80	31.92		8.08	8.5	2.424		3.5	0.8
112	5/21/2016 19:51:39	17.05	48.77	31.90		8.07	8.3	2.489		3.7	0.9
113	5/21/2016 20:06:39	16.89	48.73	31.87		8.07	8.6	2.559		3.3	0.8
114	5/21/2016 20:21:39	16.83	48.82	31.94		8.06	7.9	2.632		3.1	0.7
115	5/21/2016 20:36:39	16.80	48.81	31.92		8.06	7.5	2.708		3.8	0.9
116	5/21/2016 20:51:39	16.51	48.93	32.01		8.05	7.9	2.776		4.2	1.0
117	5/21/2016 21:06:39	16.29	48.95	32.02		8.04	7.3	2.853		3.6	0.8
118	5/21/2016 21:21:39	15.98	48.96	32.02		8.03	7.2	2.933		4.3	1.0
119	5/21/2016 21:36:39	15.69	48.90	31.97		8.02	7.2	3.003		3.2	0.8
120	5/21/2016 21:51:39	15.37	49.13	32.14		8.01	7.6	3.081		2.8	0.7
121	5/21/2016 22:06:39	14.97	49.19	32.17		8.00	8.3	3.168		3.4	0.8
122	5/21/2016 22:21:39	14.43	49.28	32.23		8.00	9.8	3.245		3.7	0.9
123	5/21/2016 22:36:39	14.04	49.35	32.26		7.99	10.0	3.320		3.4	0.8
124	5/21/2016 22:51:39	13.58	49.40	32.28		7.98	7.6	3.406		2.9	0.7
125	5/21/2016 23:06:39	13.32	49.47	32.32		7.98	7.2	3.480		2.3	0.5
126	5/21/2016 23:21:39	13.01	49.56	32.38		7.98	6.2	3.542		2.5	0.6
127	5/21/2016 23:36:39	12.84	49.59	32.39		7.97	6.1	3.604		2.3	0.6
128	5/21/2016 23:51:39	12.70	49.58	32.38		7.97	4.5	3.658		2.0	0.5
129	5/22/2016 00:06:39	12.65	49.66	32.44		7.97	4.7	3.702		2.1	0.5
130	5/22/2016 00:21:39	12.58	49.66	32.43		7.97	4.2	3.727		2.0	0.5
131	5/22/2016 00:36:39	12.50	49.73	32.48		7.96	3.0	3.729		2.2	0.5
132	5/22/2016 00:51:39	12.47	49.72	32.48		7.97	3.5	3.732		1.9	0.5
133	5/22/2016 01:06:39	12.69	49.68	32.45		7.97	4.0	3.708		1.5	0.4
134	5/22/2016 01:21:40	13.96	49.29	32.22		8.00	7.2	3.640		3.0	0.7
135	5/22/2016 01:36:39	14.35	49.33	32.26		8.00	8.3	3.581		2.0	0.5
136	5/22/2016 01:51:39	14.03	49.31	32.23		8.01	7.8	3.502		2.7	0.6
137	5/22/2016 02:06:39	13.72	49.32	32.23		8.00	6.8	3.407		2.4	0.6
138	5/22/2016 02:21:39	14.48	49.19	32.15		8.02	9.5	3.315		2.9	0.7
139	5/22/2016 02:36:39	14.49	49.10	32.09		8.01	8.7	3.216		2.8	0.7
140	5/22/2016 02:51:39	14.70	49.10	32.10		8.01	8.9	3.110		2.7	0.6
141	5/22/2016 03:06:39	15.01	49.12	32.12		8.01	9.2	3.003		2.6	0.6
142	5/22/2016 03:21:39	15.22	49.06	32.08		8.02	9.2	2.882		3.1	0.7
143	5/22/2016 03:36:39	15.61	49.00	32.05		8.02	10.8	2.765		2.5	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
144	5/22/2016 03:51:39	15.74	49.02	32.07		8.02	11.5	2.655		3.0	0.7
145	5/22/2016 04:06:39	15.87	48.97	32.03		8.03	10.8	2.527		2.9	0.7
146	5/22/2016 04:21:39	15.90	48.97	32.03		8.02	12.1	2.409		3.4	0.8
147	5/22/2016 04:36:39	15.95	48.90	31.98		8.01	13.3	2.274		3.3	0.8
148	5/22/2016 04:51:39	16.26	48.79	31.90		8.03	13.3	2.146		3.3	0.8
149	5/22/2016 05:06:39	16.46	48.80	31.92		8.03	13.6	2.019		3.8	0.9
150	5/22/2016 05:21:39	16.42	48.82	31.93		8.03	12.0	1.887		3.9	0.9
151	5/22/2016 05:36:39	16.74	48.79	31.91		8.05	12.3	1.766		4.2	1.0
152	5/22/2016 05:51:39	16.85	48.81	31.93		8.05	11.4	1.638		3.7	0.9
153	5/22/2016 06:06:38	17.02	48.63	31.80		8.06	10.8	1.529		3.5	0.8
154	5/22/2016 06:21:38	17.11	48.60	31.77		8.06	11.7	1.443		3.6	0.8
155	5/22/2016 06:36:39	17.13	48.62	31.79		8.06	12.3	1.367		3.6	0.8
156	5/22/2016 06:51:38	17.17	48.59	31.77		8.06	10.0	1.331		3.4	0.8
157	5/22/2016 07:06:39	17.17	48.62	31.79		8.06	8.9	1.325		3.6	0.8
158	5/22/2016 07:21:39	17.09	48.60	31.78		8.06	10.6	1.358		3.4	0.8
159	5/22/2016 07:36:38	17.05	48.61	31.78		8.05	9.1	1.390		3.6	0.9
160	5/22/2016 07:51:38	17.14	48.64	31.81		8.06	8.6	1.450		3.4	0.8
161	5/22/2016 08:06:38	17.18	48.59	31.77		8.06	8.6	1.538		3.8	0.9
162	5/22/2016 08:21:38	17.13	48.43	31.65		8.05	10.4	1.614		3.5	0.8
163	5/22/2016 08:36:39	17.14	48.35	31.60		8.05	10.0	1.695		3.2	0.8
164	5/22/2016 08:51:39	17.11	48.21	31.49		8.04	11.2	1.769		3.3	0.8
165	5/22/2016 09:06:39	17.08	48.23	31.50		8.04	12.5	1.854		3.3	0.8
166	5/22/2016 09:21:39	17.03	48.43	31.65		8.05	12.1	1.934		3.0	0.7
167	5/22/2016 09:36:39	16.98	48.47	31.68		8.05	10.8	2.018		3.0	0.7
168	5/22/2016 09:51:39	16.93	48.63	31.80		8.04	10.6	2.111		2.9	0.7
169	5/22/2016 10:06:39	16.69	48.72	31.86		8.03	10.8	2.196		3.1	0.7
170	5/22/2016 10:21:39	16.60	48.76	31.88		8.03	9.6	2.280		2.7	0.6
171	5/22/2016 10:36:39	16.56	48.83	31.94		8.03	9.0	2.380		2.7	0.6
172	5/22/2016 10:51:39	16.49	48.88	31.97		8.03	8.3	2.468		2.8	0.6
173	5/22/2016 11:06:39	16.33	48.91	31.99		8.02	8.3	2.559		2.6	0.6
174	5/22/2016 11:21:39	16.17	48.92	32.00		8.01	9.0	2.648		2.8	0.7
175	5/22/2016 11:36:39	16.00	48.94	32.01		8.01	9.3	2.735		3.0	0.7
176	5/22/2016 11:51:38	15.82	48.91	31.99		8.00	9.9	2.811		2.7	0.6
177	5/22/2016 12:06:39	15.54	49.06	32.09		8.00	11.1	2.884		2.9	0.7
178	5/22/2016 12:21:39	15.21	49.10	32.11		7.99	11.2	2.964		3.0	0.7
179	5/22/2016 12:36:39	15.07	49.11	32.11		7.99	10.0	3.020		2.7	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
180	5/22/2016 12:51:38	14.73	49.18	32.15		7.98	9.0	3.091		2.5	0.6
181	5/22/2016 13:06:39	14.33	49.27	32.21		7.98	8.5	3.152		2.9	0.7
182	5/22/2016 13:21:39	14.00	49.20	32.15		7.97	6.5	3.202		2.6	0.6
183	5/22/2016 13:36:39	13.73	49.33	32.24		7.98	6.1	3.254		2.2	0.5
184	5/22/2016 13:51:39	13.61	49.47	32.33		7.98	5.0	3.278		2.8	0.7
185	5/22/2016 14:06:39	13.61	49.47	32.33		7.97	4.0	3.298		2.3	0.5
186	5/22/2016 14:21:39	13.62	49.45	32.32		7.97	4.7	3.303		2.5	0.6
187	5/22/2016 14:36:39	13.68	49.52	32.38		7.97	5.1	3.281		2.3	0.5
188	5/22/2016 14:51:39	13.76	49.38	32.27		7.97	5.6	3.246		1.9	0.4
189	5/22/2016 15:06:39	14.24	49.32	32.25		7.98	6.7	3.183		2.6	0.6
190	5/22/2016 15:21:39	15.00	49.20	32.18		8.00	12.3	3.108		2.6	0.6
191	5/22/2016 15:36:39	15.49	49.06	32.09		8.01	7.9	3.050		2.3	0.5
192	5/22/2016 15:51:39	15.91	49.04	32.08		8.02	7.9	2.959		2.6	0.6
193	5/22/2016 16:06:39	16.45	49.07	32.11		8.05	7.5	2.886		2.9	0.7
194	5/22/2016 16:21:39	16.59	49.01	32.07		8.05	7.2	2.813		2.5	0.6
195	5/22/2016 16:36:39	16.93	48.86	31.96		8.06	8.6	2.732		3.1	0.7
196	5/22/2016 16:51:39	17.29	48.94	32.02		8.09	8.1	2.670		2.8	0.7
197	5/22/2016 17:06:39	17.32	48.86	31.97		8.08	7.2	2.598		2.7	0.6
198	5/22/2016 17:21:38	17.29	48.90	31.99		8.08	7.2	2.537		3.4	0.8
199	5/22/2016 17:36:38	17.40	48.89	31.99		8.09	6.7	2.470		3.3	0.8
200	5/22/2016 17:51:39	17.57	48.86	31.97		8.09	7.2	2.421		3.6	0.8
201	5/22/2016 18:06:39	17.63	48.85	31.96		8.10	6.7	2.376		3.6	0.8
202	5/22/2016 18:21:39	17.69	48.78	31.91		8.09	6.7	2.329		4.0	0.9
203	5/22/2016 18:36:39	17.77	48.82	31.94		8.10	6.7	2.315		3.6	0.9
204	5/22/2016 18:51:39	17.82	48.86	31.97		8.11	6.1	2.307		4.2	1.0
205	5/22/2016 19:06:39	17.84	48.82	31.94		8.09	6.7	2.313		4.4	1.0
206	5/22/2016 19:21:39	17.73	48.82	31.94		8.10	6.7	2.331		4.0	0.9
207	5/22/2016 19:36:39	17.62	48.77	31.90		8.08	6.4	2.356		4.3	1.0
208	5/22/2016 19:51:39	17.57	48.78	31.91		8.08	7.0	2.410		4.2	1.0
209	5/22/2016 20:06:39	17.42	48.88	31.98		8.08	7.0	2.461		4.6	1.1
210	5/22/2016 20:21:39	17.53	48.78	31.91		8.08	9.5	2.526		4.6	1.1
211	5/22/2016 20:36:39	17.27	48.94	32.02		8.07	8.4	2.595		4.0	0.9
212	5/22/2016 20:51:39	17.10	48.89	31.99		8.07	7.5	2.664		4.4	1.0
213	5/22/2016 21:06:39	16.92	48.97	32.05		8.06	7.3	2.742		3.7	0.9
214	5/22/2016 21:21:38	16.42	48.99	32.05		8.04	6.9	2.808		3.7	0.9
215	5/22/2016 21:36:39	16.00	49.08	32.11		8.02	7.2	2.887		3.4	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
216	5/22/2016 21:51:38	15.61	49.02	32.06		8.01	7.2	2.952		3.5	0.8
217	5/22/2016 22:06:38	15.34	49.10	32.11		8.01	5.8	3.034		3.5	0.8
218	5/22/2016 22:21:39	15.17	49.19	32.17		8.01	6.7	3.112		3.2	0.8
219	5/22/2016 22:36:38	14.70	49.28	32.23		8.00	8.0	3.183		3.3	0.8
220	5/22/2016 22:51:39	14.17	49.38	32.29		8.01	8.1	3.269		3.1	0.7
221	5/22/2016 23:06:39	13.78	49.47	32.34		8.00	7.6	3.342		3.1	0.7
222	5/22/2016 23:21:39	13.50	49.41	32.29		8.00	7.5	3.422		3.0	0.7
223	5/22/2016 23:36:39	13.20	49.55	32.38		8.00	6.9	3.497		2.6	0.6
224	5/22/2016 23:51:39	12.99	49.60	32.41		8.00	5.6	3.561		2.6	0.6
225	5/23/2016 00:06:39	12.88	49.55	32.36		8.00	5.7	3.626		2.6	0.6
226	5/23/2016 00:21:39	12.74	49.64	32.43		8.00	5.5	3.674		2.9	0.7
227	5/23/2016 00:36:39	12.64	49.61	32.40		8.00	3.8	3.715		3.0	0.7
228	5/23/2016 00:51:39	12.61	49.63	32.41		8.00	3.4	3.737		2.4	0.6
229	5/23/2016 01:06:39	12.70	49.53	32.35		7.99	3.4	3.748		2.3	0.5
230	5/23/2016 01:21:39	12.69	49.64	32.42		7.99	4.3	3.738		2.7	0.6
231	5/23/2016 01:36:39	13.38	49.50	32.35		8.00	4.4	3.704		1.8	0.4
232	5/23/2016 01:51:39	14.02	49.42	32.31		8.01	7.3	3.651		2.2	0.5
233	5/23/2016 02:06:39	14.07	49.45	32.34		8.01	9.0	3.581		3.0	0.7
234	5/23/2016 02:21:39	14.01	49.35	32.26		8.02	8.9	3.502		2.9	0.7
235	5/23/2016 02:36:39	13.92	49.40	32.29		8.02	6.7	3.407		3.0	0.7
236	5/23/2016 02:51:39	14.55	49.29	32.23		8.04	8.7	3.312		2.6	0.6
237	5/23/2016 03:06:39	14.81	49.24	32.20		8.04	8.6	3.219		2.7	0.6
238	5/23/2016 03:21:39	14.78	49.30	32.24		8.03	7.9	3.110		2.5	0.6
239	5/23/2016 03:36:39	14.88	49.17	32.15		8.02	8.4	2.993		2.9	0.7
240	5/23/2016 03:51:39	15.19	49.13	32.13		8.03	9.5	2.885		2.9	0.7
241	5/23/2016 04:06:39	15.46	49.17	32.16		8.03	10.3	2.763		3.2	0.8
242	5/23/2016 04:21:39	15.99	49.08	32.11		8.05	9.7	2.646		3.2	0.8
243	5/23/2016 04:36:39	16.08	49.00	32.05		8.05	11.3	2.526		3.7	0.9
244	5/23/2016 04:51:39	16.09	49.05	32.09		8.04	12.0	2.396		3.2	0.8
245	5/23/2016 05:06:39	16.40	48.96	32.03		8.05	13.6	2.265		3.7	0.9
246	5/23/2016 05:21:39	16.22	49.01	32.06		8.04	12.8	2.138		4.0	0.9
247	5/23/2016 05:36:39	16.53	48.80	31.91		8.05	12.6	2.001		4.0	0.9
248	5/23/2016 05:51:39	16.61	48.84	31.95		8.04	12.0	1.869		4.0	1.0
249	5/23/2016 06:06:39	16.90	48.79	31.91		8.05	12.3	1.738		3.3	0.8
250	5/23/2016 06:21:38	17.09	48.55	31.74		8.06	11.7	1.614		3.9	0.9
251	5/23/2016 06:36:39	17.23	48.62	31.79		8.07	10.9	1.504		3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
252	5/23/2016 06:51:39	17.26	48.62	31.79		8.07	13.3	1.411		3.6	0.9
253	5/23/2016 07:06:38	17.33	48.54	31.73		8.07	12.3	1.339		4.1	1.0
254	5/23/2016 07:21:39	17.38	48.59	31.77		8.06	10.7	1.300		3.5	0.8
255	5/23/2016 07:36:39	17.38	48.59	31.77		8.06	8.9	1.291		3.8	0.9
256	5/23/2016 07:51:38	17.29	48.54	31.73		8.06	10.7	1.296		4.3	1.0
257	5/23/2016 08:06:39	17.29	48.60	31.78		8.06	9.0	1.346		4.4	1.0
258	5/23/2016 08:21:39	17.35	48.60	31.78		8.06	9.2	1.421		3.8	0.9
259	5/23/2016 08:36:39	17.48	48.52	31.72		8.06	8.3	1.479		4.4	1.0
260	5/23/2016 08:51:39	17.48	48.46	31.67		8.05	10.4	1.559		3.9	0.9
261	5/23/2016 09:06:39	17.43	48.34	31.59		8.04	11.5	1.642		3.7	0.9
262	5/23/2016 09:21:39	17.39	48.33	31.58		8.04	11.6	1.716		3.6	0.9
263	5/23/2016 09:36:39	17.33	48.34	31.59		8.04	11.7	1.789		3.9	0.9
264	5/23/2016 09:51:39	17.34	48.42	31.64		8.04	11.4	1.872		3.4	0.8
265	5/23/2016 10:06:39	17.25	48.59	31.77		8.05	10.8	1.950		3.8	0.9
266	5/23/2016 10:21:39	17.13	48.62	31.79		8.04	11.6	2.029		3.5	0.8
267	5/23/2016 10:36:39	16.89	48.73	31.86		8.03	10.4	2.129		3.7	0.9
268	5/23/2016 10:51:39	16.72	48.73	31.87		8.03	9.4	2.214		3.4	0.8
269	5/23/2016 11:06:39	16.66	48.81	31.93		8.03	8.7	2.309		3.2	0.7
270	5/23/2016 11:21:39	16.60	48.90	31.99		8.03	8.3	2.402		2.7	0.6
271	5/23/2016 11:36:39	16.46	49.00	32.06		8.03	8.6	2.499		2.9	0.7
272	5/23/2016 11:51:39	16.36	49.00	32.06		8.02	9.7	2.588		2.8	0.7
273	5/23/2016 12:06:39	16.20	49.03	32.08		8.01	9.5	2.667		3.1	0.7
274	5/23/2016 12:21:39	16.00	49.04	32.08		8.01	10.4	2.758		2.8	0.7
275	5/23/2016 12:36:39	15.77	49.06	32.09		8.01	10.6	2.835		2.9	0.7
276	5/23/2016 12:51:38	15.55	48.94	32.00		8.01	11.5	2.912		2.8	0.7
277	5/23/2016 13:06:39	15.35	49.11	32.12		8.01	11.1	2.990		3.4	0.8
278	5/23/2016 13:21:39	15.04	49.20	32.18		8.01	10.9	3.058		3.2	0.7
279	5/23/2016 13:36:39	14.59	49.24	32.20		8.01	10.4	3.127		3.5	0.8
280	5/23/2016 13:51:39	14.09	49.41	32.30		8.02	8.2	3.184		3.2	0.8
281	5/23/2016 14:06:39	13.96	49.39	32.29		8.02	6.9	3.238		3.6	0.8
282	5/23/2016 14:21:39	13.86	49.43	32.31		8.03	5.6	3.283		2.4	0.6
283	5/23/2016 14:36:39	13.93	49.42	32.31		8.03	4.5	3.308		3.4	0.8
284	5/23/2016 14:51:39	13.92	49.45	32.33		8.03	3.2	3.320		5.8	1.4
285	5/23/2016 15:06:39	14.07	49.38	32.29		8.02	5.6	3.309		2.8	0.7
286	5/23/2016 15:21:39	13.98	49.34	32.26		8.02	4.8	3.293		2.4	0.6
287	5/23/2016 15:36:39	14.04	49.44	32.32		8.03	5.9	3.240		2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
288	5/23/2016 15:51:39	14.88	49.28	32.24		8.03	6.5	3.178		3.0	0.7
289	5/23/2016 16:06:39	15.96	49.12	32.14		8.05	7.8	3.115		2.8	0.7
290	5/23/2016 16:21:39	15.95	49.22	32.21		8.08	6.5	3.046		3.1	0.7
291	5/23/2016 16:36:39	16.34	49.08	32.11		8.06	7.6	2.964		2.8	0.7
292	5/23/2016 16:51:39	16.52	49.04	32.09		8.07	6.9	2.881		3.5	0.8
293	5/23/2016 17:06:39	17.18	48.99	32.06		8.09	11.5	2.820		3.4	0.8
294	5/23/2016 17:21:39	17.28	48.99	32.06		8.10	8.0	2.763		3.3	0.8
295	5/23/2016 17:36:39	17.33	49.01	32.08		8.09	6.7	2.681		3.2	0.8
296	5/23/2016 17:51:39	17.60	49.05	32.11		8.12	6.5	2.623		3.1	0.7
297	5/23/2016 18:06:39	17.68	49.04	32.10		8.13	6.5	2.584		3.1	0.7
298	5/23/2016 18:21:39	17.83	49.02	32.09		8.12	6.2	2.517		3.6	0.9
299	5/23/2016 18:36:39	17.92	48.99	32.06		8.13	6.2	2.474		3.9	0.9
300	5/23/2016 18:51:39	18.08	49.01	32.08		8.15	5.9	2.442		3.8	0.9
301	5/23/2016 19:06:39	18.23	48.95	32.03		8.14	6.0	2.420		5.1	1.2
302	5/23/2016 19:21:39	18.31	48.77	31.91		8.12	6.1	2.402		4.2	1.0
303	5/23/2016 19:36:39	18.30	48.81	31.94		8.10	5.7	2.393		5.0	1.2
304	5/23/2016 19:51:39	18.18	48.87	31.98		8.13	5.6	2.406		5.1	1.2
305	5/23/2016 20:06:39	18.03	48.87	31.98		8.12	6.5	2.427		4.4	1.0
306	5/23/2016 20:21:39	17.88	48.90	32.00		8.09	5.6	2.462		4.0	0.9
307	5/23/2016 20:36:39	17.93	48.91	32.01		8.08	5.9	2.504		4.5	1.1
308	5/23/2016 20:51:39	17.67	48.94	32.03		8.07	6.8	2.562		4.6	1.1
309	5/23/2016 21:06:39	17.99	48.88	31.98		8.08	7.9	2.619		4.4	1.0
310	5/23/2016 21:21:39	17.51	49.02	32.08		8.07	7.5	2.690		4.2	1.0
311	5/23/2016 21:36:39	17.26	49.01	32.07		8.06	7.5	2.762		3.9	0.9
312	5/23/2016 21:51:39	16.65	49.16	32.18		8.06	6.9	2.825		4.0	0.9
313	5/23/2016 22:06:39	16.25	49.12	32.15		8.05	6.9	2.902		4.3	1.0
314	5/23/2016 22:21:39	15.88	49.11	32.13		8.05	7.3	2.973		4.0	0.9
315	5/23/2016 22:36:39	15.51	49.23	32.21		8.04	6.5	3.049		4.4	1.0
316	5/23/2016 22:51:39	15.34	49.31	32.27		8.04	6.3	3.125		3.9	0.9
317	5/23/2016 23:06:39	15.25	49.27	32.23		8.05	6.1	3.196		4.1	1.0
318	5/23/2016 23:21:39	14.75	49.32	32.26		8.05	6.7	3.276		5.0	1.2
319	5/23/2016 23:36:39	14.30	49.37	32.28		8.06	7.6	3.352		5.0	1.2
320	5/23/2016 23:51:39	14.07	49.41	32.30		8.07	6.6	3.433		5.4	1.3
321	5/24/2016 00:06:39	13.77	49.44	32.32		8.09	6.7	3.498		6.7	1.6
322	5/24/2016 00:21:39	13.58	49.46	32.33		8.10	5.7	3.559		7.1	1.7
323	5/24/2016 00:36:39	13.44	49.42	32.29		8.10	4.8	3.624		7.3	1.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
324	5/24/2016 00:51:39	13.32	49.48	32.33		8.11	4.8	3.671		7.7	1.8
325	5/24/2016 01:06:39	13.23	49.47	32.32		8.11	4.7	3.710		5.6	1.3
326	5/24/2016 01:21:39	13.18	49.46	32.31		8.11	4.0	3.734		6.7	1.6
327	5/24/2016 01:36:39	13.17	49.38	32.25		8.11	3.6	3.747		8.8	2.1
328	5/24/2016 01:51:39	13.17	49.51	32.35		8.10	3.2	3.744		4.7	1.1
329	5/24/2016 02:06:39	13.25	49.46	32.32		8.10	3.6	3.706		4.7	1.1
330	5/24/2016 02:21:39	13.28	49.46	32.32		8.11	4.0	3.669		5.2	1.2
331	5/24/2016 02:36:39	13.71	49.32	32.23		8.09	5.3	3.612		4.2	1.0
332	5/24/2016 02:51:39	13.82	49.43	32.31		8.08	7.6	3.526		5.0	1.2
333	5/24/2016 03:06:39	13.78	49.41	32.30		8.09	7.5	3.455		6.3	1.5
334	5/24/2016 03:21:39	14.53	49.35	32.28		8.07	7.4	3.351		3.6	0.8
335	5/24/2016 03:36:39	15.34	49.24	32.21		8.07	8.6	3.260		3.8	0.9
336	5/24/2016 03:51:39	15.32	49.19	32.18		8.07	9.4	3.153		3.3	0.8
337	5/24/2016 04:06:39	15.39	49.19	32.18		8.06	8.9	3.046		4.1	1.0
338	5/24/2016 04:21:39	15.44	49.24	32.22		8.06	10.9	2.947		4.5	1.1
339	5/24/2016 04:36:39	15.64	49.21	32.20		8.05	9.2	2.829		3.4	0.8
340	5/24/2016 04:51:39	16.24	49.14	32.16		8.06	8.4	2.722		3.5	0.8
341	5/24/2016 05:06:39	16.16	49.09	32.12		8.06	10.7	2.600		3.4	0.8
342	5/24/2016 05:21:39	16.05	49.07	32.11		8.05	11.7	2.472		4.1	1.0
343	5/24/2016 05:36:39	16.59	48.98	32.04		8.06	12.2	2.344		4.3	1.0
344	5/24/2016 05:51:39	17.17	48.86	31.96		8.07	11.4	2.222		4.1	1.0
345	5/24/2016 06:06:39	17.46	48.84	31.95		8.07	12.8	2.099		4.2	1.0
346	5/24/2016 06:21:39	17.27	48.83	31.94		8.06	12.8	1.958		3.6	0.8
347	5/24/2016 06:36:39	17.39	48.89	31.99		8.06	12.8	1.838		4.0	0.9
348	5/24/2016 06:51:39	17.41	48.90	32.00		8.06	11.8	1.712		3.3	0.8
349	5/24/2016 07:06:39	17.71	48.88	31.98		8.07	12.0	1.585		3.6	0.8
350	5/24/2016 07:21:39	17.64	48.76	31.90		8.07	16.2	1.488		3.7	0.9
351	5/24/2016 07:36:39	17.62	48.88	31.99		8.06	11.1	1.406		3.3	0.8
352	5/24/2016 07:51:39	17.96	48.68	31.84		8.07	13.9	1.347		3.6	0.8
353	5/24/2016 08:06:39	18.02	48.72	31.87		8.07	11.4	1.308		3.8	0.9
354	5/24/2016 08:21:39	18.20	48.72	31.87		8.07	11.2	1.313		4.0	0.9
355	5/24/2016 08:36:39	18.14	48.64	31.81		8.07	11.0	1.338		3.9	0.9
356	5/24/2016 08:51:38	18.07	48.71	31.86		8.07	10.0	1.384		4.1	1.0
357	5/24/2016 09:06:38	18.16	48.71	31.87		8.07	11.1	1.471		4.0	0.9
358	5/24/2016 09:21:39	18.13	48.67	31.83		8.06	10.5	1.522		4.1	1.0
359	5/24/2016 09:36:39	18.16	48.54	31.74		8.05	12.0	1.610		3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
360	5/24/2016 09:51:39	18.12	48.39	31.63		8.05	12.6	1.688		3.5	0.8
361	5/24/2016 10:06:39	18.13	48.37	31.62		8.04	13.2	1.770		4.0	0.9
362	5/24/2016 10:21:39	18.08	48.55	31.75		8.04	13.6	1.851		3.0	0.7
363	5/24/2016 10:36:39	17.98	48.63	31.80		8.04	12.8	1.925		3.7	0.9
364	5/24/2016 10:51:39	17.93	48.71	31.86		8.04	12.8	2.012		3.8	0.9
365	5/24/2016 11:06:39	17.59	48.81	31.93		8.04	11.0	2.086		3.7	0.9
366	5/24/2016 11:21:39	17.30	48.82	31.94		8.04	10.0	2.189		3.6	0.8
367	5/24/2016 11:36:39	17.05	48.89	31.99		8.04	9.2	2.278		3.5	0.8
368	5/24/2016 11:51:39	16.80	48.99	32.06		8.03	8.6	2.369		3.6	0.9
369	5/24/2016 12:06:39	16.75	49.07	32.11		8.04	8.5	2.464		2.9	0.7
370	5/24/2016 12:21:39	16.73	49.03	32.08		8.03	8.4	2.553		3.5	0.8
371	5/24/2016 12:36:39	16.61	49.05	32.10		8.03	9.5	2.648		3.6	0.8
372	5/24/2016 12:51:39	16.39	49.02	32.07		8.03	9.9	2.718		3.8	0.9
373	5/24/2016 13:06:39	16.26	49.01	32.07		8.03	9.4	2.811		4.3	1.0
374	5/24/2016 13:21:39	16.03	49.07	32.11		8.03	9.6	2.889		3.7	0.9
375	5/24/2016 13:36:39	15.80	48.99	32.04		8.04	11.0	2.961		4.3	1.0
376	5/24/2016 13:51:39	15.60	49.09	32.11		8.04	10.2	3.032		3.6	0.8
377	5/24/2016 14:06:39	15.22	49.21	32.19		8.04	9.8	3.096		4.2	1.0
378	5/24/2016 14:21:39	14.72	49.28	32.23		8.05	9.0	3.172		5.2	1.2
379	5/24/2016 14:36:39	14.42	49.34	32.27		8.07	7.2	3.206		6.1	1.4
380	5/24/2016 14:51:39	14.27	49.38	32.29		8.07	5.7	3.261		6.0	1.4
381	5/24/2016 15:06:39	14.26	49.37	32.28		8.07	5.5	3.292		7.0	1.6
382	5/24/2016 15:21:39	14.25	49.36	32.28		8.08	4.2	3.316		6.7	1.6
	Mean	15.95	48.98	32.03		8.04	8.61	2.65		3.44	0.81
	Minimum	12.47	48.08	31.40		7.96	2.90	1.29		1.40	0.30
	Maximum	18.31	49.73	32.48		8.15	16.20	3.75		8.80	2.10

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

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.)

DO results progressively trending downward toward end of survey period suggesting probe failure/malfunction

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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	5/24/2016 15:36:05	14.20	51.06	33.52	8.69	8.04	5.7	3.253	104.1	5.8	1.4
1	5/24/2016 15:51:04	14.22	51.11	33.55	8.77	8.04	4.3	3.235	105.1	4.7	1.1
2	5/24/2016 16:06:04	14.23	51.13	33.57	8.88	8.05	4.5	3.204	106.5	5.2	1.2
3	5/24/2016 16:21:04	14.46	51.12	33.57	8.83	8.05	4.7	3.165	106.5	4.9	1.2
4	5/24/2016 16:36:05	15.61	50.97	33.49	8.57	8.04	8.8	3.107	105.7	3.4	0.8
5	5/24/2016 16:51:05	15.86	51.01	33.52	9.03	8.08	7.0	3.032	111.8	4.7	1.1
6	5/24/2016 17:06:05	15.90	51.01	33.52	9.12	8.08	6.6	2.956	113.1	4.6	1.1
7	5/24/2016 17:21:05	16.50	50.95	33.49	8.91	8.08	6.8	2.888	111.7	5.2	1.2
8	5/24/2016 17:36:05	16.75	50.87	33.43	8.83	8.09	7.2	2.825	111.2	4.8	1.1
9	5/24/2016 17:51:04	17.12	50.80	33.39	8.68	8.08	11.1	2.745	110.1	4.6	1.1
10	5/24/2016 18:06:05	17.25	50.79	33.38	8.64	8.08	8.5	2.683	109.9	4.0	1.0
11	5/24/2016 18:21:05	17.37	50.82	33.40	9.12	8.12	7.3	2.634	116.3	4.6	1.1
12	5/24/2016 18:36:05	17.55	50.80	33.39	9.19	8.13	7.0	2.579	117.5	4.5	1.1
13	5/24/2016 18:51:05	17.60	50.78	33.37	8.93	8.11	6.7	2.524	114.3	4.2	1.0
14	5/24/2016 19:06:05	17.82	50.80	33.39	10.02	8.20	7.2	2.485	128.8	4.4	1.0
15	5/24/2016 19:21:05	17.84	50.74	33.35	8.80	8.11	6.7	2.449	113.1	4.8	1.1
16	5/24/2016 19:36:05	17.88	50.76	33.37	9.28	8.16	6.4	2.407	119.5	4.7	1.1
17	5/24/2016 19:51:05	18.17	50.65	33.29	8.98	8.13	6.6	2.394	116.2	4.8	1.1
18	5/24/2016 20:06:05	18.23	50.60	33.25	8.76	8.12	6.8	2.382	113.4	5.8	1.4
19	5/24/2016 20:21:05	18.14	50.65	33.28	8.74	8.12	7.1	2.382	113.0	5.1	1.2
20	5/24/2016 20:36:05	18.00	50.69	33.31	9.02	8.13	6.8	2.408	116.3	5.6	1.3
21	5/24/2016 20:51:05	17.88	50.71	33.33	8.81	8.11	6.8	2.432	113.3	5.2	1.2
22	5/24/2016 21:06:05	17.79	50.71	33.32	8.37	8.07	5.6	2.470	107.5	5.1	1.2
23	5/24/2016 21:21:05	17.76	50.72	33.33	8.35	8.06	6.3	2.521	107.3	5.2	1.2
24	5/24/2016 21:36:05	17.85	50.67	33.30	8.48	8.08	8.4	2.578	109.0	4.9	1.2
25	5/24/2016 21:51:05	17.76	50.66	33.29	8.48	8.07	7.3	2.640	108.9	4.6	1.1
26	5/24/2016 22:06:05	17.42	50.75	33.35	8.50	8.07	7.6	2.698	108.4	5.2	1.2
27	5/24/2016 22:21:05	17.10	50.79	33.38	8.52	8.07	6.5	2.767	108.1	5.1	1.2
28	5/24/2016 22:36:05	16.59	50.87	33.43	8.65	8.07	6.4	2.831	108.7	5.4	1.3
29	5/24/2016 22:51:05	16.20	50.92	33.46	8.73	8.07	6.7	2.893	108.8	5.8	1.4
30	5/24/2016 23:06:06	15.93	50.95	33.48	8.71	8.07	6.5	2.965	108.0	4.4	1.0
31	5/24/2016 23:21:05	15.54	51.01	33.51	8.70	8.06	6.1	3.034	107.2	5.5	1.3
32	5/24/2016 23:36:05	15.32	51.04	33.53	8.80	8.07	4.9	3.103	107.9	4.9	1.2
33	5/24/2016 23:51:05	15.15	51.07	33.55	8.85	8.07	5.0	3.173	108.1	6.2	1.5
34	5/25/2016 00:06:05	14.89	51.11	33.58	8.95	8.07	5.0	3.247	108.8	5.1	1.2
35	5/25/2016 00:21:05	14.52	51.17	33.61	9.09	8.08	5.3	3.315	109.7	6.1	1.4
36	5/25/2016 00:36:05	14.24	51.22	33.63	9.15	8.09	5.3	3.384	109.9	7.1	1.7

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	5/25/2016 00:51:05	13.92	51.28	33.67	9.30	8.10	6.2	3.451	111.0	5.9	1.4
38	5/25/2016 01:06:05	13.71	51.30	33.68	9.36	8.10	5.3	3.503	111.2	6.3	1.5
39	5/25/2016 01:21:05	13.58	51.32	33.69	9.40	8.10	4.5	3.555	111.4	5.7	1.3
40	5/25/2016 01:36:05	13.50	51.34	33.70	9.31	8.10	4.0	3.597	110.1	4.9	1.2
41	5/25/2016 01:51:05	13.37	51.35	33.70	9.36	8.11	3.7	3.633	110.5	5.5	1.3
42	5/25/2016 02:06:05	13.40	51.36	33.70	9.21	8.10	3.0	3.644	108.7	6.0	1.4
43	5/25/2016 02:21:05	13.33	51.38	33.72	9.05	8.09	2.8	3.648	106.6	4.1	1.0
44	5/25/2016 02:36:05	13.34	51.35	33.70	9.18	8.10	2.9	3.636	108.2	4.1	1.0
45	5/25/2016 02:51:04	13.36	51.35	33.70	9.25	8.10	3.4	3.602	109.1	4.0	0.9
46	5/25/2016 03:06:04	13.48	51.36	33.71	9.21	8.10	4.0	3.538	108.9	4.1	1.0
47	5/25/2016 03:21:05	14.23	51.24	33.65	8.90	8.07	6.7	3.478	106.9	4.2	1.0
48	5/25/2016 03:36:05	14.07	51.23	33.64	8.93	8.08	7.3	3.392	106.8	5.1	1.2
49	5/25/2016 03:51:05	14.50	51.17	33.60	8.80	8.08	6.7	3.298	106.2	4.6	1.1
50	5/25/2016 04:06:05	15.28	51.04	33.53	8.36	8.05	8.9	3.211	102.4	4.6	1.1
51	5/25/2016 04:21:05	15.31	51.03	33.53	8.27	8.05	8.0	3.109	101.3	4.5	1.1
52	5/25/2016 04:36:05	15.59	50.98	33.49	8.23	8.05	8.3	3.010	101.5	4.6	1.1
53	5/25/2016 04:51:05	15.75	50.95	33.47	8.13	8.05	9.2	2.911	100.5	4.2	1.0
54	5/25/2016 05:06:05	15.94	50.93	33.46	8.08	8.04	9.4	2.803	100.2	4.6	1.1
55	5/25/2016 05:21:05	16.52	50.83	33.40	8.03	8.05	10.1	2.690	100.7	4.3	1.0
56	5/25/2016 05:36:05	16.49	50.83	33.40	7.92	8.03	11.8	2.583	99.3	4.4	1.0
57	5/25/2016 05:51:05	16.48	50.83	33.40	7.84	8.03	11.4	2.462	98.3	4.3	1.0
58	5/25/2016 06:06:05	16.88	50.75	33.35	7.79	8.04	12.9	2.333	98.3	4.2	1.0
59	5/25/2016 06:21:05	16.78	50.74	33.34	7.69	8.03	11.1	2.198	96.9	4.3	1.0
60	5/25/2016 06:36:05	16.96	50.73	33.33	7.57	8.03	10.8	2.092	95.8	3.9	0.9
61	5/25/2016 06:51:05	17.13	50.69	33.31	7.51	8.03	11.0	1.952	95.2	3.9	0.9
62	5/25/2016 07:06:05	17.38	50.66	33.29	7.42	8.03	11.0	1.822	94.5	3.7	0.9
63	5/25/2016 07:21:05	17.27	50.69	33.31	7.39	8.02	11.1	1.702	94.0	4.0	0.9
64	5/25/2016 07:36:05	17.47	50.65	33.28	7.34	8.02	12.5	1.594	93.7	3.5	0.8
65	5/25/2016 07:51:05	17.54	50.64	33.27	7.38	8.03	12.7	1.488	94.3	4.3	1.0
66	5/25/2016 08:06:05	17.67	50.61	33.25	7.37	8.03	10.9	1.378	94.4	3.9	0.9
67	5/25/2016 08:21:05	17.74	50.59	33.24	7.30	8.03	11.4	1.334	93.6	3.7	0.9
68	5/25/2016 08:36:05	17.71	50.60	33.24	7.31	8.03	10.1	1.291	93.7	3.9	0.9
69	5/25/2016 08:51:05	17.76	50.60	33.24	7.15	8.03	8.7	1.273	91.8	3.2	0.8
70	5/25/2016 09:06:05	17.72	50.61	33.25	7.34	8.03	9.4	1.308	94.1	4.4	1.0
71	5/25/2016 09:21:05	17.82	50.57	33.22	7.30	8.03	8.7	1.343	93.8	4.1	1.0
72	5/25/2016 09:36:05	17.84	50.57	33.22	7.27	8.03	9.6	1.391	93.4	4.4	1.1
73	5/25/2016 09:51:05	17.92	50.55	33.21	7.24	8.03	9.8	1.452	93.2	4.2	1.0

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
74	5/25/2016 10:06:05	17.92	50.54	33.20	7.20	8.03	9.5	1.538	92.6	4.5	1.1
75	5/25/2016 10:21:05	17.92	50.43	33.12	7.12	8.02	11.0	1.593	91.5	4.8	1.1
76	5/25/2016 10:36:05	17.90	50.39	33.09	7.12	8.02	11.4	1.665	91.6	4.4	1.0
77	5/25/2016 10:51:05	17.87	50.38	33.09	7.10	8.02	12.3	1.748	91.2	3.8	0.9
78	5/25/2016 11:06:05	17.86	50.35	33.06	7.07	8.02	11.4	1.815	90.8	4.2	1.0
79	5/25/2016 11:21:05	17.84	50.35	33.06	7.09	8.02	12.5	1.892	91.0	4.3	1.0
80	5/25/2016 11:36:05	17.78	50.43	33.12	7.16	8.02	11.4	1.976	91.8	3.7	0.9
81	5/25/2016 11:51:05	17.57	50.51	33.18	7.22	8.02	11.5	2.060	92.3	4.0	1.0
82	5/25/2016 12:06:06	17.30	50.58	33.23	7.37	8.02	10.6	2.158	93.7	3.6	0.8
83	5/25/2016 12:21:06	17.12	50.63	33.26	7.51	8.02	9.6	2.245	95.2	3.4	0.8
84	5/25/2016 12:36:05	16.91	50.71	33.32	7.76	8.03	8.8	2.334	97.9	3.9	0.9
85	5/25/2016 12:51:05	16.78	50.75	33.35	7.77	8.03	7.9	2.425	97.9	4.1	1.0
86	5/25/2016 13:06:05	16.72	50.77	33.36	7.81	8.03	7.6	2.524	98.3	4.5	1.1
87	5/25/2016 13:21:06	16.72	50.77	33.36	7.90	8.04	8.1	2.608	99.4	3.5	0.8
88	5/25/2016 13:36:05	16.54	50.79	33.37	7.88	8.04	8.1	2.689	98.8	4.5	1.1
89	5/25/2016 13:51:05	16.46	50.82	33.39	8.04	8.04	7.9	2.773	100.7	4.2	1.0
90	5/25/2016 14:06:05	16.36	50.80	33.37	8.13	8.05	8.1	2.845	101.7	4.4	1.0
91	5/25/2016 14:21:06	16.12	50.75	33.34	8.16	8.04	8.9	2.909	101.5	4.4	1.0
92	5/25/2016 14:36:06	15.89	50.76	33.34	8.27	8.05	9.4	2.978	102.4	5.1	1.2
93	5/25/2016 14:51:05	15.72	50.82	33.38	8.32	8.05	7.5	3.043	102.7	4.4	1.0
94	5/25/2016 15:06:05	15.32	50.90	33.43	8.37	8.05	8.1	3.087	102.5	4.7	1.1
95	5/25/2016 15:21:05	15.03	50.98	33.48	8.40	8.05	7.0	3.147	102.3	6.0	1.4
96	5/25/2016 15:36:05	14.75	51.04	33.52	8.57	8.06	5.6	3.176	103.8	4.8	1.1
97	5/25/2016 15:51:05	14.58	51.03	33.50	8.60	8.06	5.6	3.210	103.9	5.4	1.3
98	5/25/2016 16:06:05	14.53	51.10	33.56	8.58	8.07	3.6	3.223	103.6	5.2	1.2
99	5/25/2016 16:21:05	14.60	51.08	33.54	8.37	8.05	3.8	3.219	101.1	4.7	1.1
100	5/25/2016 16:36:05	14.64	51.07	33.54	8.39	8.05	3.5	3.212	101.4	3.9	0.9
101	5/25/2016 16:51:05	14.96	51.03	33.52	8.39	8.05	6.8	3.176	102.1	3.9	0.9
102	5/25/2016 17:06:05	15.72	50.90	33.44	8.27	8.05	8.1	3.124	102.1	5.0	1.2
103	5/25/2016 17:21:05	16.10	50.87	33.42	8.39	8.06	12.2	3.074	104.4	4.6	1.1
104	5/25/2016 17:36:05	16.30	50.92	33.47	8.65	8.09	11.0	3.008	108.1	4.6	1.1
105	5/25/2016 17:51:05	16.25	50.90	33.44	8.78	8.10	10.9	2.936	109.5	5.3	1.3
106	5/25/2016 18:06:05	16.37	50.87	33.43	8.87	8.10	12.1	2.876	111.0	5.1	1.2
107	5/25/2016 18:21:05	16.55	50.87	33.43	8.77	8.10	12.5	2.808	110.1	5.2	1.2
108	5/25/2016 18:36:05	16.67	50.86	33.42	8.78	8.12	14.1	2.744	110.5	5.2	1.2
109	5/25/2016 18:51:05	16.85	50.87	33.43	8.85	8.14	13.9	2.671	111.7	5.7	1.4
110	5/25/2016 19:06:05	16.86	50.81	33.39	8.54	8.11	16.5	2.618	107.9	5.6	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	5/25/2016 19:21:05	16.80	50.82	33.39	8.61	8.13	14.8	2.580	108.6	5.0	1.2
112	5/25/2016 19:36:05	17.13	50.78	33.37	8.55	8.12	14.9	2.514	108.5	5.4	1.3
113	5/25/2016 19:51:05	17.55	50.65	33.28	8.15	8.09	14.5	2.470	104.1	5.4	1.3
114	5/25/2016 20:06:05	17.79	50.59	33.23	7.99	8.08	14.5	2.444	102.6	5.8	1.4
115	5/25/2016 20:21:05	17.83	50.57	33.22	7.95	8.08	14.2	2.419	102.2	5.9	1.4
116	5/25/2016 20:36:05	17.95	50.53	33.20	7.63	8.06	13.1	2.407	98.3	5.8	1.4
117	5/25/2016 20:51:05	17.97	50.52	33.19	7.41	8.04	11.5	2.403	95.4	5.3	1.3
118	5/25/2016 21:06:05	17.88	50.54	33.20	7.78	8.07	13.6	2.404	100.1	5.8	1.4
119	5/25/2016 21:21:05	17.73	50.57	33.22	7.96	8.08	13.0	2.431	102.1	6.0	1.4
120	5/25/2016 21:36:05	17.77	50.57	33.22	7.85	8.06	10.8	2.455	100.7	5.6	1.3
121	5/25/2016 21:51:05	17.74	50.60	33.24	7.81	8.05	11.0	2.493	100.2	5.7	1.4
122	5/25/2016 22:06:05	17.63	50.63	33.27	7.86	8.05	10.8	2.533	100.6	5.9	1.4
123	5/25/2016 22:21:05	17.49	50.68	33.30	7.90	8.05	10.8	2.585	100.9	5.0	1.2
124	5/25/2016 22:36:05	17.61	50.64	33.27	7.89	8.05	10.5	2.646	101.0	5.4	1.3
125	5/25/2016 22:51:05	17.53	50.66	33.29	7.90	8.05	9.2	2.697	100.9	5.6	1.3
126	5/25/2016 23:06:05	17.40	50.70	33.31	7.97	8.05	10.1	2.756	101.6	5.0	1.2
127	5/25/2016 23:21:05	16.95	50.76	33.36	8.14	8.06	9.7	2.811	103.0	5.8	1.4
128	5/25/2016 23:36:05	16.55	50.83	33.40	8.18	8.06	7.9	2.873	102.7	5.1	1.2
129	5/25/2016 23:51:05	16.06	50.90	33.45	8.32	8.06	7.0	2.931	103.4	5.0	1.2
130	5/26/2016 00:06:06	15.60	50.95	33.47	8.42	8.07	6.9	2.990	103.8	5.3	1.3
131	5/26/2016 00:21:05	15.15	51.04	33.53	8.49	8.07	6.7	3.053	103.7	5.0	1.2
132	5/26/2016 00:36:05	14.90	51.09	33.56	8.53	8.07	6.5	3.119	103.7	6.1	1.4
133	5/26/2016 00:51:05	14.66	51.12	33.58	8.52	8.07	5.7	3.179	103.1	4.5	1.1
134	5/26/2016 01:06:05	14.47	51.16	33.59	8.48	8.06	5.4	3.235	102.2	6.3	1.5
135	5/26/2016 01:21:05	14.34	51.18	33.60	8.48	8.06	5.2	3.309	101.9	4.6	1.1
136	5/26/2016 01:36:05	14.27	51.19	33.61	8.45	8.06	6.2	3.361	101.5	4.9	1.2
137	5/26/2016 01:51:05	14.09	51.21	33.62	8.49	8.06	6.8	3.412	101.6	4.7	1.1
138	5/26/2016 02:06:05	13.89	51.26	33.65	8.52	8.06	5.9	3.457	101.6	5.3	1.3
139	5/26/2016 02:21:05	13.76	51.28	33.67	8.45	8.06	4.7	3.492	100.5	4.9	1.2
140	5/26/2016 02:36:05	13.68	51.30	33.68	8.45	8.06	4.3	3.525	100.4	4.7	1.1
141	5/26/2016 02:51:05	13.63	51.31	33.68	8.36	8.05	3.2	3.531	99.1	5.5	1.3
142	5/26/2016 03:06:05	13.61	51.30	33.67	8.19	8.04	3.2	3.534	97.1	4.5	1.1
143	5/26/2016 03:21:05	13.61	51.31	33.68	8.22	8.05	3.1	3.517	97.5	3.7	0.9
144	5/26/2016 03:36:05	13.65	51.29	33.67	8.25	8.05	3.8	3.477	97.9	3.8	0.9
145	5/26/2016 03:51:05	13.81	51.28	33.66	8.27	8.05	4.8	3.424	98.4	3.5	0.8
146	5/26/2016 04:06:05	15.07	51.06	33.54	8.01	8.04	8.3	3.354	97.7	4.3	1.0
147	5/26/2016 04:21:05	14.58	51.15	33.59	8.05	8.04	7.6	3.280	97.2	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	5/26/2016 04:36:05	15.12	51.10	33.57	7.98	8.04	7.6	3.194	97.4	4.2	1.0
149	5/26/2016 04:51:05	15.42	51.00	33.50	7.93	8.04	9.4	3.104	97.4	4.5	1.1
150	5/26/2016 05:06:05	15.54	50.97	33.49	7.86	8.04	8.5	3.010	96.7	4.0	1.0
151	5/26/2016 05:21:05	15.85	50.92	33.46	7.76	8.03	10.8	2.912	96.1	4.4	1.0
152	5/26/2016 05:36:05	16.23	50.86	33.42	7.62	8.03	10.0	2.814	95.0	4.1	1.0
153	5/26/2016 05:51:05	16.29	50.82	33.39	7.45	8.01	12.5	2.715	92.9	4.7	1.1
154	5/26/2016 06:06:05	16.73	50.77	33.36	7.45	8.03	13.4	2.602	93.8	4.0	0.9
155	5/26/2016 06:21:05	16.83	50.74	33.34	7.47	8.03	14.1	2.495	94.2	3.7	0.9
156	5/26/2016 06:36:05	16.32	50.80	33.37	7.48	8.01	11.4	2.384	93.4	3.3	0.8
157	5/26/2016 06:51:05	16.70	50.75	33.35	7.43	8.02	13.2	2.269	93.5	3.8	0.9
158	5/26/2016 07:06:05	17.00	50.74	33.34	7.34	8.02	15.3	2.142	92.9	4.1	1.0
159	5/26/2016 07:21:05	16.88	50.74	33.34	7.36	8.02	16.6	2.019	92.9	4.2	1.0
160	5/26/2016 07:36:05	16.88	50.74	33.34	7.33	8.02	14.4	1.900	92.6	4.1	1.0
161	5/26/2016 07:51:05	16.69	50.80	33.38	7.38	8.01	13.3	1.774	92.9	4.0	1.0
162	5/26/2016 08:06:05	16.91	50.72	33.32	7.38	8.02	13.1	1.670	93.2	3.8	0.9
163	5/26/2016 08:21:05	16.93	50.73	33.33	7.33	8.02	12.9	1.560	92.7	4.2	1.0
164	5/26/2016 08:36:05	17.08	50.69	33.31	7.28	8.02	11.5	1.476	92.2	4.1	1.0
165	5/26/2016 08:51:05	17.14	50.68	33.30	7.30	8.03	13.0	1.396	92.6	3.9	0.9
166	5/26/2016 09:06:05	17.19	50.67	33.29	7.19	8.02	14.4	1.348	91.3	3.7	0.9
167	5/26/2016 09:21:05	17.22	50.66	33.29	7.03	8.02	9.5	1.324	89.3	4.2	1.0
168	5/26/2016 09:36:05	17.21	50.67	33.29	7.27	8.03	14.2	1.310	92.3	4.7	1.1
169	5/26/2016 09:51:05	17.27	50.66	33.28	7.32	8.03	10.8	1.349	93.0	4.6	1.1
170	5/26/2016 10:06:05	17.21	50.66	33.28	7.30	8.02	11.1	1.398	92.7	3.8	0.9
171	5/26/2016 10:21:05	17.41	50.63	33.27	7.13	8.02	13.2	1.440	90.9	4.6	1.1
172	5/26/2016 10:36:06	17.47	50.63	33.26	7.08	8.02	12.3	1.491	90.4	4.9	1.2
173	5/26/2016 10:51:05	17.53	50.62	33.26	7.03	8.01	12.2	1.565	89.8	4.7	1.1
174	5/26/2016 11:06:05	17.48	50.49	33.16	6.99	8.01	13.7	1.629	89.2	4.1	1.0
175	5/26/2016 11:21:05	17.44	50.51	33.18	6.94	8.00	14.5	1.686	88.4	4.0	1.0
176	5/26/2016 11:36:05	17.41	50.49	33.16	6.94	8.00	14.7	1.749	88.4	4.0	0.9
177	5/26/2016 11:51:05	17.39	50.45	33.13	6.89	8.00	13.9	1.829	87.7	4.4	1.0
178	5/26/2016 12:06:05	17.40	50.46	33.14	6.95	8.00	13.9	1.902	88.5	3.9	0.9
179	5/26/2016 12:21:05	17.36	50.51	33.18	6.99	8.00	13.7	1.972	89.0	4.3	1.0
180	5/26/2016 12:36:05	17.28	50.55	33.20	7.04	8.00	13.7	2.054	89.5	4.6	1.1
181	5/26/2016 12:51:06	16.95	50.66	33.28	7.26	8.01	12.0	2.145	91.7	4.0	0.9
182	5/26/2016 13:06:05	16.79	50.69	33.30	7.33	8.01	11.7	2.236	92.3	4.2	1.0
183	5/26/2016 13:21:05	16.69	50.75	33.34	7.49	8.02	11.1	2.325	94.2	3.5	0.8
184	5/26/2016 13:36:05	16.57	50.78	33.36	7.59	8.02	9.0	2.416	95.3	4.0	1.0

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
185	5/26/2016 13:51:05	16.53	50.79	33.37	7.56	8.02	9.4	2.508	94.9	3.8	0.9
186	5/26/2016 14:06:05	16.57	50.79	33.37	7.63	8.03	8.8	2.589	95.8	4.5	1.1
187	5/26/2016 14:21:06	16.48	50.80	33.38	7.64	8.03	9.8	2.671	95.8	4.1	1.0
188	5/26/2016 14:36:05	16.36	50.82	33.39	7.67	8.03	9.8	2.750	95.9	4.2	1.0
189	5/26/2016 14:51:06	16.32	50.84	33.40	7.78	8.03	9.5	2.822	97.1	4.7	1.1
190	5/26/2016 15:06:06	16.18	50.81	33.38	7.78	8.03	9.3	2.891	96.9	3.9	0.9
191	5/26/2016 15:21:06	15.88	50.79	33.36	7.86	8.03	9.4	2.963	97.3	4.4	1.0
192	5/26/2016 15:36:05	15.68	50.82	33.38	7.96	8.03	9.6	3.017	98.2	4.8	1.1
193	5/26/2016 15:51:06	15.47	50.90	33.43	8.01	8.04	8.7	3.074	98.5	4.8	1.1
194	5/26/2016 16:06:06	15.12	50.97	33.48	8.06	8.04	7.2	3.122	98.3	5.0	1.2
195	5/26/2016 16:21:05	14.90	51.02	33.51	8.12	8.04	5.7	3.154	98.6	4.3	1.0
196	5/26/2016 16:36:05	14.78	51.06	33.53	8.07	8.04	6.2	3.188	97.9	4.0	0.9
197	5/26/2016 16:51:05	14.54	51.12	33.57	7.92	8.03	4.7	3.193	95.6	4.8	1.1
198	5/26/2016 17:06:05	14.59	51.10	33.56	7.98	8.03	3.9	3.194	96.4	4.1	1.0
199	5/26/2016 17:21:05	14.72	51.08	33.55	7.84	8.02	4.5	3.182	95.0	3.2	0.8
200	5/26/2016 17:36:05	15.25	50.98	33.49	7.93	8.03	7.4	3.138	97.1	4.1	1.0
201	5/26/2016 17:51:05	15.69	50.92	33.45	7.91	8.03	10.7	3.104	97.6	4.6	1.1
202	5/26/2016 18:06:05	16.05	50.88	33.43	8.07	8.05	17.9	3.047	100.3	4.9	1.2
203	5/26/2016 18:21:06	16.00	50.93	33.47	8.23	8.06	17.8	2.995	102.3	5.0	1.2
204	5/26/2016 18:36:05	16.16	50.91	33.45	8.30	8.07	18.0	2.926	103.4	5.1	1.2
205	5/26/2016 18:51:05	16.10	50.86	33.41	8.22	8.06	17.8	2.863	102.2	5.2	1.2
206	5/26/2016 19:06:05	16.18	50.89	33.44	8.31	8.08	17.1	2.812	103.5	4.1	1.0
207	5/26/2016 19:21:06	16.29	50.88	33.43	8.21	8.07	19.2	2.735	102.6	4.7	1.1
208	5/26/2016 19:36:05	16.17	50.87	33.43	8.41	8.09	15.9	2.688	104.7	5.0	1.2
209	5/26/2016 19:51:05	16.51	50.88	33.43	8.20	8.08	20.3	2.627	102.8	5.4	1.3
210	5/26/2016 20:06:05	16.72	50.81	33.39	8.03	8.06	19.5	2.567	101.1	5.3	1.3
211	5/26/2016 20:21:05	16.98	50.77	33.36	8.26	8.08	15.9	2.521	104.5	4.8	1.1
212	5/26/2016 20:36:05	17.01	50.73	33.33	7.90	8.06	15.8	2.482	100.0	5.2	1.2
213	5/26/2016 20:51:05	17.14	50.69	33.31	7.89	8.06	16.1	2.444	100.0	5.2	1.2
214	5/26/2016 21:06:05	17.32	50.63	33.27	7.68	8.05	16.1	2.410	97.8	5.5	1.3
215	5/26/2016 21:21:05	17.33	50.63	33.26	7.70	8.04	14.6	2.398	97.9	5.0	1.2
216	5/26/2016 21:36:05	17.41	50.59	33.23	7.60	8.04	14.4	2.388	96.8	5.1	1.2
217	5/26/2016 21:51:05	17.43	50.62	33.26	7.34	8.02	12.7	2.388	93.6	5.7	1.3
218	5/26/2016 22:06:05	17.39	50.62	33.26	7.64	8.04	15.4	2.399	97.4	5.6	1.3
219	5/26/2016 22:21:05	17.29	50.64	33.27	7.68	8.04	14.3	2.410	97.7	5.8	1.4
220	5/26/2016 22:36:05	17.24	50.64	33.27	7.66	8.03	13.3	2.447	97.4	5.2	1.2
221	5/26/2016 22:51:05	17.23	50.67	33.29	7.61	8.03	13.1	2.482	96.7	5.1	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	5/26/2016 23:06:05	17.16	50.69	33.30	7.65	8.03	12.5	2.518	97.0	5.2	1.2
223	5/26/2016 23:21:05	17.12	50.71	33.32	7.64	8.03	12.2	2.570	96.8	4.5	1.1
224	5/26/2016 23:36:05	17.24	50.69	33.30	7.61	8.03	12.3	2.625	96.7	4.7	1.1
225	5/26/2016 23:51:05	17.20	50.70	33.31	7.66	8.03	11.9	2.672	97.3	4.8	1.1
226	5/27/2016 00:06:05	17.08	50.74	33.34	7.72	8.04	12.1	2.726	97.9	4.9	1.2
227	5/27/2016 00:21:05	16.73	50.80	33.38	7.78	8.04	12.5	2.785	98.0	4.6	1.1
228	5/27/2016 00:36:06	16.52	50.83	33.40	7.81	8.04	9.3	2.835	98.0	5.0	1.2
229	5/27/2016 00:51:06	16.15	50.88	33.43	7.88	8.04	7.8	2.895	98.2	4.7	1.1
230	5/27/2016 01:06:05	15.50	50.99	33.50	7.91	8.04	8.4	2.945	97.3	5.3	1.3
231	5/27/2016 01:21:06	15.02	51.07	33.54	7.96	8.04	8.4	3.008	97.0	5.0	1.2
232	5/27/2016 01:36:05	14.74	51.12	33.57	7.99	8.04	7.3	3.065	96.9	4.2	1.0
233	5/27/2016 01:51:06	14.56	51.15	33.59	8.01	8.03	6.4	3.113	96.7	4.5	1.1
234	5/27/2016 02:06:05	14.33	51.19	33.61	7.99	8.03	5.6	3.182	96.1	4.3	1.0
235	5/27/2016 02:21:05	14.17	51.21	33.63	7.98	8.02	6.2	3.233	95.6	4.7	1.1
236	5/27/2016 02:36:05	14.08	51.23	33.64	7.95	8.02	5.9	3.279	95.2	3.8	0.9
237	5/27/2016 02:51:05	14.11	51.23	33.64	7.91	8.02	5.0	3.318	94.7	4.3	1.0
238	5/27/2016 03:06:05	14.11	51.21	33.62	7.89	8.02	4.8	3.354	94.4	4.9	1.2
239	5/27/2016 03:21:05	14.05	51.24	33.64	7.82	8.01	5.8	3.381	93.5	4.1	1.0
240	5/27/2016 03:36:05	13.99	51.24	33.64	7.74	8.01	3.8	3.393	92.5	4.6	1.1
241	5/27/2016 03:51:05	13.97	51.26	33.65	7.69	8.01	3.5	3.389	91.8	3.0	0.7
242	5/27/2016 04:06:05	14.02	51.20	33.61	7.67	8.01	3.5	3.371	91.7	2.5	0.6
243	5/27/2016 04:21:05	14.73	51.11	33.56	7.48	8.01	6.4	3.340	90.6	3.8	0.9
244	5/27/2016 04:36:05	15.32	50.95	33.47	7.36	8.01	12.4	3.296	90.1	3.9	0.9
245	5/27/2016 04:51:05	15.32	51.01	33.51	7.53	8.01	8.1	3.230	92.3	3.6	0.9
246	5/27/2016 05:06:05	15.34	51.01	33.51	7.54	8.02	10.1	3.159	92.5	3.9	0.9
247	5/27/2016 05:21:05	15.22	51.01	33.51	7.54	8.02	8.9	3.101	92.3	3.3	0.8
248	5/27/2016 05:36:05	15.39	50.98	33.49	7.47	8.01	8.9	3.010	91.6	3.6	0.9
249	5/27/2016 05:51:05	15.63	50.95	33.47	7.40	8.01	11.9	2.917	91.3	5.0	1.2
250	5/27/2016 06:06:06	15.90	50.89	33.43	7.26	8.00	12.1	2.847	90.0	3.9	0.9
251	5/27/2016 06:21:06	16.12	50.85	33.41	7.24	8.00	12.9	2.747	90.0	3.9	0.9
252	5/27/2016 06:36:05	16.22	50.81	33.38	6.95	7.98	13.2	2.653	86.6	3.8	0.9
253	5/27/2016 06:51:06	16.44	50.77	33.36	7.25	8.01	16.4	2.561	90.8	4.1	1.0
254	5/27/2016 07:06:05	16.38	50.78	33.36	7.18	8.00	15.8	2.449	89.8	3.8	0.9
255	5/27/2016 07:21:06	16.27	50.84	33.40	7.28	8.00	13.1	2.353	90.9	4.1	1.0
256	5/27/2016 07:36:06	16.29	50.83	33.40	7.32	8.01	12.5	2.229	91.4	3.5	0.8
257	5/27/2016 07:51:06	16.47	50.81	33.39	7.38	8.02	15.0	2.124	92.4	3.6	0.9
258	5/27/2016 08:06:06	16.36	50.86	33.42	7.49	8.03	13.3	2.013	93.6	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	5/27/2016 08:21:06	16.40	50.85	33.41	7.54	8.04	13.3	1.898	94.4	3.9	0.9
260	5/27/2016 08:36:05	16.49	50.82	33.39	7.56	8.04	12.4	1.792	94.7	3.7	0.9
261	5/27/2016 08:51:05	16.60	50.81	33.39	7.57	8.04	11.9	1.685	95.1	3.9	0.9
262	5/27/2016 09:06:05	16.82	50.77	33.36	7.29	8.03	13.6	1.603	92.0	3.9	0.9
263	5/27/2016 09:21:05	16.80	50.78	33.37	7.36	8.03	11.3	1.519	92.8	3.5	0.8
264	5/27/2016 09:36:05	16.91	50.77	33.36	7.24	8.02	12.0	1.454	91.5	3.7	0.9
265	5/27/2016 09:51:05	16.91	50.76	33.36	7.14	8.02	11.7	1.413	90.2	3.3	0.8
266	5/27/2016 10:06:05	16.96	50.76	33.35	6.99	8.01	8.8	1.381	88.4	3.5	0.8
267	5/27/2016 10:21:05	16.98	50.77	33.36	7.64	8.06	8.7	1.380	96.7	4.8	1.1
268	5/27/2016 10:36:06	16.97	50.76	33.36	7.34	8.03	11.2	1.386	92.8	4.9	1.2
269	5/27/2016 10:51:06	17.01	50.76	33.35	7.31	8.03	10.5	1.419	92.6	4.9	1.2
270	5/27/2016 11:06:05	17.07	50.75	33.35	7.24	8.02	11.1	1.467	91.8	4.3	1.0
271	5/27/2016 11:21:05	17.15	50.74	33.34	7.17	8.02	11.1	1.508	90.9	4.5	1.1
272	5/27/2016 11:36:05	17.16	50.73	33.34	7.15	8.02	11.9	1.568	90.8	3.9	0.9
273	5/27/2016 11:51:05	17.13	50.74	33.34	7.15	8.01	10.9	1.639	90.7	4.2	1.0
274	5/27/2016 12:06:06	17.24	50.69	33.30	7.09	8.01	11.2	1.689	90.1	5.0	1.2
275	5/27/2016 12:21:06	17.15	50.68	33.30	7.03	8.01	11.9	1.761	89.1	4.2	1.0
276	5/27/2016 12:36:06	17.11	50.67	33.29	7.00	8.00	11.5	1.829	88.7	4.0	0.9
277	5/27/2016 12:51:06	17.13	50.65	33.27	7.05	8.00	11.9	1.904	89.4	4.0	0.9
278	5/27/2016 13:06:05	17.12	50.65	33.27	7.03	8.00	11.7	1.977	89.2	4.5	1.1
279	5/27/2016 13:21:05	17.06	50.66	33.28	7.05	8.00	12.6	2.057	89.3	4.6	1.1
280	5/27/2016 13:36:06	16.82	50.72	33.32	7.18	8.00	12.0	2.150	90.5	4.2	1.0
281	5/27/2016 13:51:06	16.58	50.77	33.36	7.25	8.01	10.5	2.239	90.9	4.0	0.9
282	5/27/2016 14:06:06	16.50	50.80	33.38	7.39	8.01	9.5	2.323	92.6	4.4	1.0
283	5/27/2016 14:21:06	16.45	50.82	33.39	7.41	8.01	10.1	2.405	92.8	4.0	0.9
284	5/27/2016 14:36:05	16.41	50.83	33.40	7.44	8.02	9.0	2.496	93.1	3.4	0.8
285	5/27/2016 14:51:05	16.42	50.85	33.41	7.49	8.02	8.5	2.585	93.8	4.0	1.0
286	5/27/2016 15:06:05	16.41	50.85	33.41	7.55	8.02	9.4	2.653	94.5	4.5	1.1
287	5/27/2016 15:21:06	16.29	50.87	33.42	7.50	8.02	8.6	2.732	93.7	4.3	1.0
288	5/27/2016 15:36:06	16.25	50.88	33.43	7.53	8.02	8.3	2.809	93.9	4.1	1.0
289	5/27/2016 15:51:06	16.03	50.90	33.45	7.51	8.01	8.3	2.877	93.3	3.9	0.9
290	5/27/2016 16:06:06	15.82	50.89	33.44	7.58	8.01	8.2	2.938	93.8	3.4	0.8
291	5/27/2016 16:21:05	15.63	50.90	33.43	7.60	8.01	7.1	2.988	93.7	4.8	1.1
292	5/27/2016 16:36:05	15.50	50.92	33.45	7.69	8.01	7.0	3.057	94.5	4.3	1.0
293	5/27/2016 16:51:05	15.34	50.96	33.47	7.68	8.01	5.7	3.101	94.2	4.6	1.1
294	5/27/2016 17:06:06	15.13	51.00	33.50	7.72	8.01	4.7	3.128	94.2	4.2	1.0
295	5/27/2016 17:21:06	14.83	51.06	33.53	7.77	8.01	4.0	3.156	94.4	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
296	5/27/2016 17:36:05	14.77	51.07	33.54	7.65	8.00	3.4	3.181	92.7	4.4	1.0
297	5/27/2016 17:51:05	14.73	51.08	33.55	7.29	7.97	3.9	3.192	88.3	3.1	0.7
298	5/27/2016 18:06:06	14.79	51.05	33.52	7.58	8.00	4.7	3.184	92.0	3.1	0.7
299	5/27/2016 18:21:05	14.97	51.02	33.51	7.55	8.00	5.9	3.159	91.8	2.9	0.7
300	5/27/2016 18:36:05	15.41	50.94	33.46	7.56	8.00	8.9	3.136	92.8	3.4	0.8
301	5/27/2016 18:51:06	15.84	50.92	33.46	7.71	8.03	15.3	3.091	95.4	4.2	1.0
302	5/27/2016 19:06:06	15.79	50.95	33.48	7.92	8.04	18.6	3.034	97.9	4.1	1.0
303	5/27/2016 19:21:05	15.87	50.92	33.46	8.06	8.06	18.9	2.975	99.8	4.7	1.1
304	5/27/2016 19:36:06	15.73	50.95	33.47	7.98	8.04	18.3	2.915	98.6	4.7	1.1
305	5/27/2016 19:51:05	15.94	50.90	33.44	7.83	8.03	22.7	2.858	97.1	5.0	1.2
306	5/27/2016 20:06:06	15.79	50.93	33.46	7.93	8.04	21.9	2.779	98.1	4.7	1.1
307	5/27/2016 20:21:05	15.70	51.01	33.52	7.98	8.05	22.6	2.724	98.5	5.3	1.2
308	5/27/2016 20:36:05	16.00	50.98	33.50	7.86	8.04	27.2	2.659	97.6	5.4	1.3
309	5/27/2016 20:51:05	16.12	50.95	33.48	7.81	8.04	26.4	2.593	97.3	5.3	1.3
310	5/27/2016 21:06:05	16.28	50.88	33.43	7.79	8.05	21.0	2.557	97.3	5.3	1.3
311	5/27/2016 21:21:05	16.35	50.86	33.42	7.63	8.03	21.7	2.494	95.3	5.1	1.2
312	5/27/2016 21:36:05	16.56	50.85	33.41	7.67	8.04	18.7	2.451	96.3	5.3	1.3
313	5/27/2016 21:51:05	16.76	50.81	33.39	7.60	8.04	16.6	2.414	95.8	5.5	1.3
314	5/27/2016 22:06:05	16.95	50.79	33.37	7.51	8.03	18.4	2.383	95.0	6.1	1.4
315	5/27/2016 22:21:05	17.00	50.79	33.38	7.45	8.02	18.6	2.359	94.3	4.7	1.1
316	5/27/2016 22:36:05	17.01	50.77	33.36	7.30	8.02	18.9	2.345	92.4	5.2	1.2
317	5/27/2016 22:51:05	17.05	50.78	33.37	7.06	8.00	15.0	2.353	89.4	5.5	1.3
318	5/27/2016 23:06:05	17.03	50.75	33.35	7.39	8.02	18.8	2.349	93.5	6.3	1.5
319	5/27/2016 23:21:06	17.05	50.75	33.35	7.44	8.02	16.4	2.360	94.3	5.9	1.4
320	5/27/2016 23:36:05	17.02	50.75	33.35	7.39	8.02	15.9	2.380	93.6	5.5	1.3
321	5/27/2016 23:51:05	16.97	50.75	33.35	7.42	8.02	16.6	2.415	93.8	5.3	1.2
322	5/28/2016 00:06:05	16.89	50.76	33.36	7.47	8.02	14.5	2.467	94.3	5.2	1.2
323	5/28/2016 00:21:05	16.92	50.75	33.35	7.38	8.01	15.1	2.497	93.2	5.3	1.2
324	5/28/2016 00:36:06	17.00	50.73	33.33	7.41	8.01	15.8	2.543	93.7	5.2	1.2
325	5/28/2016 00:51:06	16.83	50.77	33.36	7.42	8.01	14.5	2.606	93.6	4.5	1.1
326	5/28/2016 01:06:05	16.71	50.80	33.38	7.45	8.01	12.7	2.646	93.8	5.0	1.2
327	5/28/2016 01:21:05	16.50	50.85	33.41	7.52	8.01	14.9	2.712	94.2	5.1	1.2
328	5/28/2016 01:36:06	16.34	50.87	33.42	7.49	8.01	10.6	2.752	93.6	4.8	1.1
329	5/28/2016 01:51:05	16.05	50.91	33.45	7.59	8.01	9.7	2.816	94.3	4.5	1.1
330	5/28/2016 02:06:06	15.38	51.03	33.53	7.72	8.02	10.1	2.864	94.8	4.7	1.1
331	5/28/2016 02:21:05	15.09	51.08	33.56	7.73	8.01	9.4	2.912	94.4	5.0	1.2
332	5/28/2016 02:36:05	14.87	51.12	33.58	7.75	8.01	7.2	2.966	94.2	4.1	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
333	5/28/2016 02:51:05	14.70	51.15	33.60	7.83	8.02	6.8	3.021	94.9	4.0	0.9
334	5/28/2016 03:06:05	14.55	51.18	33.61	7.84	8.01	6.8	3.071	94.7	4.5	1.1
335	5/28/2016 03:21:05	14.35	51.20	33.62	7.78	8.00	5.8	3.106	93.6	4.0	0.9
336	5/28/2016 03:36:05	14.29	51.21	33.63	7.72	8.00	5.4	3.154	92.8	3.3	0.8
337	5/28/2016 03:51:05	14.13	51.25	33.66	7.73	8.00	5.7	3.195	92.6	4.1	1.0
338	5/28/2016 04:06:05	14.15	51.22	33.63	7.68	8.00	5.5	3.222	92.0	4.6	1.1
339	5/28/2016 04:21:05	14.04	51.26	33.66	7.60	7.99	5.2	3.235	90.9	3.1	0.7
340	5/28/2016 04:36:05	14.04	51.26	33.66	7.18	7.98	3.9	3.260	85.9	3.8	0.9
341	5/28/2016 04:51:05	14.10	51.24	33.64	7.50	7.99	4.6	3.264	89.8	2.9	0.7
342	5/28/2016 05:06:05	14.03	51.26	33.66	7.49	7.98	4.2	3.249	89.5	2.7	0.6
343	5/28/2016 05:21:05	14.03	51.27	33.66	7.45	7.98	5.0	3.209	89.1	4.1	1.0
344	5/28/2016 05:36:05	14.93	51.08	33.55	7.25	7.99	12.9	3.171	88.2	4.0	0.9
345	5/28/2016 05:51:05	15.20	51.04	33.53	7.33	7.99	10.0	3.130	89.7	3.4	0.8
346	5/28/2016 06:06:06	15.04	51.08	33.55	7.32	7.99	9.0	3.055	89.2	3.5	0.8
347	5/28/2016 06:21:06	14.88	51.11	33.57	7.51	8.00	10.4	2.974	91.3	3.5	0.8
348	5/28/2016 06:36:06	14.92	51.12	33.58	7.40	8.00	8.6	2.902	90.0	3.4	0.8
349	5/28/2016 06:51:05	15.33	51.02	33.52	7.25	7.99	10.0	2.825	88.9	2.9	0.7
350	5/28/2016 07:06:06	15.48	51.00	33.51	7.22	7.99	10.4	2.740	88.8	3.4	0.8
351	5/28/2016 07:21:06	15.59	50.94	33.47	7.10	7.99	14.6	2.649	87.5	3.7	0.9
352	5/28/2016 07:36:06	15.80	50.91	33.45	7.16	7.99	15.0	2.552	88.5	3.5	0.8
353	5/28/2016 07:51:06	15.69	50.94	33.47	7.33	8.00	15.0	2.482	90.4	3.7	0.9
354	5/28/2016 08:06:06	15.98	50.90	33.44	7.24	8.00	15.2	2.379	89.8	4.1	1.0
355	5/28/2016 08:21:06	15.99	50.94	33.47	7.43	8.01	13.6	2.274	92.3	3.6	0.9
356	5/28/2016 08:36:05	15.90	50.96	33.48	7.71	8.03	13.7	2.173	95.5	4.1	1.0
357	5/28/2016 08:51:06	15.80	50.97	33.49	7.92	8.05	16.2	2.084	98.0	4.2	1.0
358	5/28/2016 09:06:05	16.13	50.96	33.49	7.91	8.04	14.0	1.968	98.5	3.8	0.9
359	5/28/2016 09:21:05	16.20	50.96	33.49	7.97	8.06	14.4	1.869	99.3	3.9	0.9
360	5/28/2016 09:36:06	16.26	50.96	33.49	8.01	8.07	12.3	1.780	100.0	3.8	0.9
361	5/28/2016 09:51:06	16.36	50.94	33.48	7.68	8.05	12.2	1.694	96.1	3.9	0.9
362	5/28/2016 10:06:06	16.43	50.94	33.48	7.73	8.05	12.2	1.620	96.8	4.1	1.0
363	5/28/2016 10:21:05	16.46	50.91	33.46	7.44	8.03	11.0	1.546	93.2	3.4	0.8
364	5/28/2016 10:36:06	16.45	50.90	33.45	7.27	8.02	9.0	1.504	91.1	3.0	0.7
365	5/28/2016 10:51:06	16.50	50.91	33.46	7.13	8.02	8.5	1.466	89.4	3.3	0.8
366	5/28/2016 11:06:06	16.56	50.88	33.44	8.44	8.10	9.4	1.460	105.9	4.5	1.1
367	5/28/2016 11:21:05	16.55	50.86	33.42	7.96	8.06	10.1	1.456	99.9	4.3	1.0
368	5/28/2016 11:36:06	16.59	50.87	33.43	7.59	8.04	9.9	1.476	95.3	5.0	1.2
369	5/28/2016 11:51:06	16.62	50.86	33.42	7.58	8.04	9.6	1.522	95.3	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
370	5/28/2016 12:06:06	16.66	50.89	33.45	7.41	8.03	10.1	1.557	93.2	5.0	1.2
371	5/28/2016 12:21:06	16.66	50.90	33.45	7.24	8.02	11.5	1.618	91.0	4.9	1.2
372	5/28/2016 12:36:06	16.65	50.89	33.44	7.27	8.02	10.6	1.681	91.4	4.6	1.1
373	5/28/2016 12:51:06	16.72	50.89	33.45	7.25	8.02	11.7	1.740	91.3	5.3	1.3
374	5/28/2016 13:06:05	16.73	50.81	33.39	7.24	8.01	11.7	1.809	91.1	4.5	1.1
375	5/28/2016 13:21:06	16.70	50.82	33.40	7.22	8.01	10.4	1.878	90.8	4.6	1.1
376	5/28/2016 13:36:06	16.71	50.80	33.38	7.26	8.01	11.2	1.960	91.3	4.6	1.1
377	5/28/2016 13:51:06	16.59	50.83	33.40	7.19	8.01	11.0	2.039	90.3	4.4	1.0
378	5/28/2016 14:06:06	16.55	50.82	33.40	7.21	8.01	10.4	2.115	90.5	4.2	1.0
379	5/28/2016 14:21:05	16.35	50.83	33.39	7.21	8.00	12.5	2.202	90.1	4.1	1.0
380	5/28/2016 14:36:06	16.13	50.83	33.39	7.30	8.00	9.8	2.287	90.8	4.3	1.0
381	5/28/2016 14:51:06	16.13	50.93	33.47	7.35	8.00	8.9	2.374	91.5	4.5	1.1
382	5/28/2016 15:06:06	16.05	50.94	33.47	7.38	8.01	8.3	2.450	91.8	3.9	0.9
383	5/28/2016 15:21:06	15.98	50.95	33.48	7.45	8.01	8.1	2.539	92.4	3.8	0.9
384	5/28/2016 15:36:06	15.96	50.96	33.49	7.48	8.01	8.4	2.618	92.8	4.2	1.0
385	5/28/2016 15:51:05	15.94	50.96	33.49	7.45	8.01	8.6	2.691	92.4	3.9	0.9
386	5/28/2016 16:06:05	15.89	50.98	33.50	7.46	8.01	8.6	2.767	92.4	3.7	0.9
387	5/28/2016 16:21:06	15.86	50.99	33.51	7.55	8.01	9.3	2.838	93.6	4.1	1.0
388	5/28/2016 16:36:06	15.73	50.96	33.48	7.63	8.01	10.7	2.912	94.3	4.2	1.0
389	5/28/2016 16:51:06	15.46	50.92	33.44	7.60	8.00	10.8	2.976	93.3	3.6	0.9
390	5/28/2016 17:06:05	15.33	51.00	33.50	7.63	8.00	10.3	3.045	93.5	6.7	1.6
391	5/28/2016 17:21:06	14.95	51.07	33.54	7.69	7.99	10.3	3.107	93.6	4.0	0.9
392	5/28/2016 17:36:06	14.54	51.16	33.60	7.79	7.99	7.2	3.162	94.1	3.7	0.9
393	5/28/2016 17:51:06	14.33	51.20	33.63	7.83	7.99	5.1	3.208	94.1	4.1	1.0
394	5/28/2016 18:06:06	14.22	51.23	33.64	7.86	7.99	4.5	3.249	94.3	3.6	0.8
395	5/28/2016 18:21:06	14.07	51.28	33.67	7.85	7.99	4.0	3.281	93.9	4.3	1.0
396	5/28/2016 18:36:05	14.00	51.30	33.69	7.54	7.97	4.5	3.285	90.1	4.4	1.0
397	5/28/2016 18:51:06	14.12	51.25	33.65	7.77	7.99	4.8	3.286	93.1	3.7	0.9
398	5/28/2016 19:06:05	14.14	51.25	33.66	7.60	7.98	3.7	3.266	91.0	2.7	0.6
399	5/28/2016 19:21:05	14.34	51.22	33.64	7.61	7.98	4.8	3.235	91.5	3.4	0.8
400	5/28/2016 19:36:05	14.75	51.15	33.60	7.56	7.99	7.7	3.188	91.6	3.4	0.8
401	5/28/2016 19:51:06	15.29	51.10	33.57	7.74	8.01	17.2	3.121	94.9	4.2	1.0
402	5/28/2016 20:06:06	15.10	51.13	33.59	7.91	8.02	9.4	3.061	96.6	3.9	0.9
403	5/28/2016 20:21:06	15.47	51.05	33.54	7.97	8.02	16.1	2.997	98.0	4.5	1.1
404	5/28/2016 20:36:06	15.83	51.00	33.51	7.81	8.02	10.0	2.923	96.7	4.2	1.0
405	5/28/2016 20:51:06	15.36	51.08	33.56	7.85	8.02	8.7	2.844	96.3	4.6	1.1
406	5/28/2016 21:06:06	15.68	51.03	33.53	7.79	8.02	9.6	2.786	96.2	4.8	1.1

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
407	5/28/2016 21:21:06	15.57	51.12	33.60	7.89	8.03	9.5	2.729	97.2	5.0	1.2
408	5/28/2016 21:36:06	15.84	51.08	33.57	7.73	8.03	10.8	2.660	95.8	4.8	1.1
409	5/28/2016 21:51:06	15.96	51.08	33.57	7.82	8.05	10.9	2.595	97.1	4.8	1.1
410	5/28/2016 22:06:06	15.95	51.06	33.56	7.68	8.03	11.4	2.530	95.3	4.8	1.1
411	5/28/2016 22:21:06	16.36	50.99	33.51	7.59	8.03	10.0	2.494	95.0	4.8	1.1
412	5/28/2016 22:36:06	16.59	50.93	33.48	7.50	8.03	10.7	2.428	94.2	5.5	1.3
413	5/28/2016 22:51:06	16.55	50.94	33.48	7.60	8.04	9.8	2.372	95.4	5.1	1.2
414	5/28/2016 23:06:06	16.71	50.92	33.47	7.57	8.04	10.8	2.336	95.4	5.4	1.3
415	5/28/2016 23:21:05	16.70	50.93	33.48	7.51	8.04	10.6	2.299	94.5	4.7	1.1
416	5/28/2016 23:36:06	16.75	50.94	33.48	7.43	8.03	10.2	2.269	93.7	5.1	1.2
417	5/28/2016 23:51:06	16.82	50.90	33.46	7.39	8.03	10.2	2.240	93.2	5.3	1.3
418	5/29/2016 00:06:05	16.88	50.89	33.45	7.42	8.02	10.2	2.231	93.7	4.9	1.2
419	5/29/2016 00:21:06	16.90	50.90	33.46	7.35	8.02	12.2	2.242	92.9	6.1	1.4
420	5/29/2016 00:36:06	16.80	50.91	33.46	7.40	8.02	10.2	2.250	93.4	5.3	1.3
421	5/29/2016 00:51:06	16.74	50.91	33.46	7.47	8.02	9.0	2.265	94.1	5.2	1.2
422	5/29/2016 01:06:06	16.72	50.91	33.46	7.47	8.02	8.4	2.300	94.1	4.8	1.1
423	5/29/2016 01:21:06	16.68	50.91	33.46	7.49	8.02	8.3	2.355	94.2	5.1	1.2
424	5/29/2016 01:36:06	16.63	50.91	33.46	7.42	8.02	9.0	2.403	93.3	4.6	1.1
425	5/29/2016 01:51:06	16.82	50.86	33.42	7.35	8.01	12.9	2.444	92.7	4.6	1.1
426	5/29/2016 02:06:06	16.63	50.91	33.46	7.45	8.01	10.6	2.503	93.6	4.9	1.2
427	5/29/2016 02:21:06	16.54	50.93	33.47	7.40	8.01	9.4	2.563	92.9	4.8	1.1
428	5/29/2016 02:36:05	16.44	50.95	33.49	7.42	8.01	9.6	2.614	92.9	4.2	1.0
429	5/29/2016 02:51:06	16.14	50.99	33.51	7.40	8.00	9.4	2.664	92.1	4.4	1.0
430	5/29/2016 03:06:06	15.85	51.03	33.53	7.38	7.99	9.0	2.716	91.4	4.0	1.0
431	5/29/2016 03:21:06	15.68	51.05	33.54	7.45	7.99	7.6	2.771	92.0	4.2	1.0
432	5/29/2016 03:36:06	15.50	51.07	33.56	7.53	7.99	11.3	2.826	92.7	4.3	1.0
433	5/29/2016 03:51:05	15.31	51.09	33.57	7.52	7.99	6.2	2.864	92.2	4.1	1.0
434	5/29/2016 04:06:06	15.10	51.13	33.59	7.55	7.99	5.0	2.916	92.2	3.5	0.8
435	5/29/2016 04:21:06	14.92	51.16	33.61	7.57	7.99	5.7	2.967	92.1	3.4	0.8
436	5/29/2016 04:36:06	14.83	51.17	33.62	7.57	7.99	4.8	3.012	91.9	3.8	0.9
437	5/29/2016 04:51:06	14.67	51.20	33.63	7.48	7.98	4.7	3.045	90.6	3.0	0.7
438	5/29/2016 05:06:05	14.58	51.21	33.64	7.44	7.98	4.5	3.079	89.9	3.4	0.8
439	5/29/2016 05:21:05	14.38	51.24	33.65	7.44	7.97	4.1	3.115	89.5	2.9	0.7
440	5/29/2016 05:36:05	14.23	51.26	33.67	7.36	7.97	3.6	3.135	88.4	3.0	0.7
441	5/29/2016 05:51:06	14.20	51.28	33.67	7.10	7.96	3.2	3.132	85.2	2.3	0.5
442	5/29/2016 06:06:05	14.10	51.30	33.69	7.26	7.96	4.0	3.126	86.9	2.9	0.7
443	5/29/2016 06:21:06	14.17	51.28	33.68	7.15	7.95	3.6	3.113	85.7	2.4	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth meters	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU			ug/L	%FS
444	5/29/2016 06:36:05	14.28	51.26	33.67	7.13	7.96	3.8	3.084	85.7	2.8	0.7
445	5/29/2016 06:51:06	14.57	51.19	33.62	7.09	7.96	4.2	3.038	85.7	2.5	0.6
446	5/29/2016 07:06:05	15.00	51.15	33.60	7.16	7.97	8.3	2.975	87.3	2.9	0.7
447	5/29/2016 07:21:06	15.13	51.12	33.58	7.33	7.99	8.0	2.910	89.6	3.5	0.8
448	5/29/2016 07:36:05	15.01	51.15	33.60	7.40	7.99	6.7	2.838	90.2	3.4	0.8
449	5/29/2016 07:51:05	15.15	51.12	33.58	7.43	7.99	5.7	2.772	90.8	2.9	0.7
450	5/29/2016 08:06:06	15.26	51.15	33.61	7.55	8.00	5.8	2.672	92.5	3.2	0.8
451	5/29/2016 08:21:05	15.41	51.09	33.57	7.54	8.01	6.4	2.607	92.6	3.3	0.8
452	5/29/2016 08:36:05	15.55	51.09	33.57	7.67	8.02	6.7	2.529	94.5	3.7	0.9
453	5/29/2016 08:51:05	15.82	51.04	33.54	7.57	8.01	8.0	2.429	93.7	3.7	0.9
454	5/29/2016 09:06:06	16.00	51.08	33.58	7.36	8.02	9.9	2.340	91.5	3.4	0.8
455	5/29/2016 09:21:05	16.03	51.03	33.54	8.08	8.05	7.6	2.240	100.4	3.8	0.9
456	5/29/2016 09:36:05	16.26	51.01	33.53	7.97	8.04	8.5	2.158	99.5	2.8	0.7
457	5/29/2016 09:51:06	16.37	51.03	33.54	7.94	8.04	8.4	2.054	99.3	3.3	0.8
458	5/29/2016 10:06:05	16.56	51.01	33.53	7.75	8.03	10.0	1.960	97.3	3.5	0.8
459	5/29/2016 10:21:06	16.63	51.01	33.53	7.44	8.02	10.2	1.865	93.5	3.7	0.9
460	5/29/2016 10:36:06	16.78	51.01	33.54	7.71	8.05	11.2	1.785	97.2	4.2	1.0
461	5/29/2016 10:51:05	16.71	50.99	33.52	7.48	8.03	8.9	1.725	94.1	3.7	0.9
462	5/29/2016 11:06:05	16.77	50.98	33.52	7.46	8.03	9.0	1.646	94.1	3.5	0.8
463	5/29/2016 11:21:06	16.80	51.00	33.53	7.38	8.02	9.3	1.602	93.1	3.3	0.8
464	5/29/2016 11:36:05	16.82	50.99	33.52	7.20	8.02	8.6	1.567	90.9	3.0	0.7
465	5/29/2016 11:51:05	16.86	50.99	33.52	7.42	8.03	10.4	1.557	93.8	4.3	1.0
466	5/29/2016 12:06:05	16.89	51.00	33.53	7.56	8.03	10.3	1.544	95.5	3.9	0.9
467	5/29/2016 12:21:05	16.95	51.00	33.53	7.63	8.04	8.9	1.541	96.6	4.8	1.1
468	5/29/2016 12:36:05	16.93	51.01	33.54	7.84	8.05	8.8	1.575	99.2	4.4	1.0
469	5/29/2016 12:51:06	16.99	50.98	33.52	7.67	8.04	8.4	1.614	97.2	4.6	1.1
470	5/29/2016 13:06:06	17.01	51.00	33.53	7.60	8.04	8.6	1.644	96.3	4.8	1.1
471	5/29/2016 13:21:06	17.01	51.00	33.53	7.42	8.02	9.2	1.689	94.1	4.7	1.1
472	5/29/2016 13:36:06	16.99	51.00	33.53	7.35	8.02	8.7	1.762	93.1	4.6	1.1
473	5/29/2016 13:51:06	16.94	51.00	33.53	7.41	8.02	8.3	1.821	93.7	4.3	1.0
474	5/29/2016 14:06:06	17.11	50.97	33.51	7.39	8.01	9.2	1.880	93.8	5.2	1.2
475	5/29/2016 14:21:06	17.08	50.96	33.50	7.37	8.01	8.8	1.948	93.5	3.9	0.9
476	5/29/2016 14:36:06	17.07	50.98	33.52	7.38	8.01	7.9	2.027	93.6	4.9	1.2
477	5/29/2016 14:51:05	16.96	50.95	33.49	7.34	8.00	8.5	2.115	92.9	4.5	1.1
478	5/29/2016 15:06:06	16.84	50.91	33.46	7.30	8.00	9.0	2.199	92.1	4.4	1.0
479	5/29/2016 15:21:06	16.72	50.95	33.49	7.27	7.99	8.9	2.271	91.6	4.3	1.0
480	5/29/2016 15:36:06	16.51	50.97	33.50	7.30	7.99	8.3	2.356	91.6	4.0	0.9

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
481	5/29/2016 15:51:06	16.43	51.00	33.52	7.34	7.99	8.0	2.449	91.9	4.3	1.0
482	5/29/2016 16:06:06	16.33	51.00	33.52	7.37	7.99	6.8	2.527	92.1	3.9	0.9
483	5/29/2016 16:21:06	16.21	51.01	33.53	7.37	7.99	7.9	2.602	92.0	3.6	0.9
484	5/29/2016 16:36:05	16.07	51.03	33.54	7.39	7.99	7.1	2.682	92.0	4.1	1.0
485	5/29/2016 16:51:06	15.97	51.04	33.54	7.41	7.99	7.2	2.761	92.0	3.8	0.9
486	5/29/2016 17:06:06	15.80	51.06	33.55	7.39	7.98	8.8	2.840	91.5	4.0	1.0
487	5/29/2016 17:21:06	15.63	51.08	33.57	7.44	7.98	8.4	2.906	91.8	3.6	0.9
488	5/29/2016 17:36:06	15.52	51.07	33.56	7.53	7.99	9.2	2.973	92.6	3.8	0.9
489	5/29/2016 17:51:05	15.21	51.05	33.54	7.62	7.98	9.1	3.060	93.2	3.9	0.9
490	5/29/2016 18:06:05	14.96	51.09	33.56	7.66	7.98	9.5	3.120	93.2	3.6	0.9
491	5/29/2016 18:21:05	14.56	51.16	33.60	7.68	7.97	8.6	3.180	92.8	3.4	0.8
492	5/29/2016 18:36:05	14.30	51.22	33.64	7.64	7.97	6.1	3.236	91.8	3.6	0.9
493	5/29/2016 18:51:05	14.08	51.27	33.67	7.64	7.96	4.9	3.290	91.4	3.5	0.8
494	5/29/2016 19:06:05	13.92	51.32	33.69	7.63	7.96	4.5	3.328	91.0	4.5	1.1
495	5/29/2016 19:21:06	13.84	51.34	33.71	7.50	7.96	3.4	3.347	89.3	4.1	1.0
496	5/29/2016 19:36:05	13.81	51.36	33.72	7.40	7.95	4.5	3.364	88.1	3.3	0.8
497	5/29/2016 19:51:05	13.85	51.34	33.71	7.41	7.95	3.7	3.360	88.3	3.0	0.7
498	5/29/2016 20:06:05	13.98	51.31	33.69	7.48	7.95	5.0	3.329	89.3	2.9	0.7
499	5/29/2016 20:21:05	14.35	51.24	33.65	7.49	7.96	7.9	3.276	90.1	3.2	0.8
500	5/29/2016 20:36:06	14.65	51.24	33.66	7.73	7.99	16.1	3.216	93.5	7.4	1.7
501	5/29/2016 20:51:05	14.93	51.19	33.63	7.74	7.99	17.3	3.152	94.2	3.9	0.9
502	5/29/2016 21:06:05	14.58	51.29	33.70	7.75	7.98	11.8	3.076	93.7	4.8	1.1
503	5/29/2016 21:21:05	14.52	51.26	33.67	7.62	7.97	10.5	2.990	92.1	4.5	1.1
504	5/29/2016 21:36:06	15.26	51.19	33.64	7.58	7.98	13.1	2.929	92.9	4.6	1.1
505	5/29/2016 21:51:06	14.46	51.32	33.71	7.55	7.97	9.4	2.844	91.1	4.3	1.0
506	5/29/2016 22:06:06	15.16	51.04	33.52	7.38	7.98	10.8	2.768	90.2	4.7	1.1
507	5/29/2016 22:21:06	15.38	51.21	33.66	7.41	7.98	11.8	2.698	91.0	4.3	1.0
508	5/29/2016 22:36:06	15.48	51.18	33.64	7.37	7.98	11.3	2.617	90.7	5.0	1.2
509	5/29/2016 22:51:06	15.80	51.17	33.64	7.37	7.99	11.2	2.550	91.2	5.0	1.2
510	5/29/2016 23:06:06	16.04	51.11	33.60	7.37	8.00	10.6	2.478	91.7	4.4	1.0
511	5/29/2016 23:21:06	15.89	51.18	33.65	7.37	7.99	11.2	2.405	91.5	4.9	1.2
512	5/29/2016 23:36:06	16.03	51.11	33.60	7.35	7.99	11.0	2.337	91.4	4.8	1.1
513	5/29/2016 23:51:06	16.08	51.15	33.63	7.33	7.99	11.3	2.270	91.2	5.1	1.2
514	5/30/2016 00:06:06	16.50	51.12	33.62	7.33	8.01	11.0	2.209	92.0	4.7	1.1
515	5/30/2016 00:21:06	16.79	51.08	33.58	7.30	8.01	12.0	2.161	92.2	5.6	1.3
516	5/30/2016 00:36:06	16.93	51.10	33.60	7.29	8.01	12.5	2.117	92.3	5.3	1.3
517	5/30/2016 00:51:05	17.05	51.10	33.61	7.22	8.02	13.3	2.082	91.6	5.4	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	5/30/2016 01:06:05	17.24	51.07	33.59	7.14	8.02	12.0	2.074	91.0	5.8	1.4
519	5/30/2016 01:21:05	17.26	51.07	33.58	7.29	8.02	17.2	2.078	92.8	5.1	1.2
520	5/30/2016 01:36:05	17.15	51.08	33.59	7.27	8.01	14.2	2.073	92.4	4.8	1.1
521	5/30/2016 01:51:05	17.07	51.06	33.58	7.21	8.01	12.9	2.102	91.5	4.5	1.1
522	5/30/2016 02:06:05	16.95	51.06	33.57	7.28	8.00	11.8	2.148	92.2	5.0	1.2
523	5/30/2016 02:21:06	16.86	51.05	33.56	7.33	8.01	10.2	2.182	92.7	4.6	1.1
524	5/30/2016 02:36:06	16.90	51.01	33.54	7.23	8.00	11.3	2.238	91.4	4.2	1.0
525	5/30/2016 02:51:05	17.11	50.92	33.47	7.14	8.00	14.9	2.303	90.5	4.8	1.1
526	5/30/2016 03:06:06	16.88	50.97	33.51	7.21	8.00	12.9	2.360	91.1	4.9	1.2
527	5/30/2016 03:21:06	16.71	51.00	33.53	7.24	7.99	11.2	2.414	91.2	4.6	1.1
528	5/30/2016 03:36:06	16.61	51.02	33.54	7.27	7.99	10.6	2.472	91.5	4.3	1.0
529	5/30/2016 03:51:06	16.39	51.05	33.56	7.27	7.99	11.2	2.534	91.0	4.4	1.0
530	5/30/2016 04:06:06	16.01	51.10	33.59	7.28	7.98	9.5	2.589	90.5	4.3	1.0
531	5/30/2016 04:21:06	15.75	51.14	33.61	7.33	7.98	8.2	2.631	90.7	3.5	0.8
532	5/30/2016 04:36:06	15.64	51.15	33.62	7.35	7.98	7.1	2.695	90.8	3.9	0.9
533	5/30/2016 04:51:06	15.52	51.17	33.63	7.39	7.98	6.6	2.747	91.0	3.9	0.9
534	5/30/2016 05:06:06	15.41	51.19	33.64	7.34	7.98	6.1	2.790	90.2	3.9	0.9
535	5/30/2016 05:21:06	15.32	51.20	33.65	7.34	7.98	6.1	2.841	90.1	3.0	0.7
536	5/30/2016 05:36:06	15.22	51.21	33.65	7.25	7.97	5.3	2.891	88.8	3.7	0.9
537	5/30/2016 05:51:06	15.04	51.23	33.67	7.26	7.97	5.5	2.936	88.5	3.6	0.9
538	5/30/2016 06:06:06	14.80	51.26	33.68	7.33	7.97	5.2	2.976	89.0	3.7	0.9
539	5/30/2016 06:21:05	14.58	51.30	33.70	7.27	7.96	4.8	3.015	88.0	3.0	0.7
540	5/30/2016 06:36:05	14.44	51.30	33.70	7.24	7.96	4.1	3.043	87.3	3.0	0.7
541	5/30/2016 06:51:05	14.32	51.33	33.72	7.23	7.95	5.6	3.072	87.0	3.0	0.7
542	5/30/2016 07:06:05	14.27	51.33	33.72	7.07	7.95	3.4	3.083	85.0	2.6	0.6
543	5/30/2016 07:21:05	14.23	51.36	33.74	7.03	7.94	4.1	3.079	84.4	2.5	0.6
544	5/30/2016 07:36:06	14.24	51.33	33.71	7.06	7.94	4.4	3.070	84.8	2.6	0.6
545	5/30/2016 07:51:06	14.25	51.33	33.71	7.02	7.94	4.5	3.046	84.3	2.9	0.7
546	5/30/2016 08:06:05	14.45	51.26	33.67	6.98	7.95	4.5	3.001	84.2	2.1	0.5
547	5/30/2016 08:21:05	15.06	51.17	33.62	7.07	7.96	6.0	2.950	86.2	2.6	0.6
548	5/30/2016 08:36:06	15.29	51.22	33.66	7.22	7.97	8.9	2.881	88.5	2.7	0.6
549	5/30/2016 08:51:06	15.20	51.22	33.66	7.38	7.99	6.6	2.818	90.3	3.1	0.7
550	5/30/2016 09:06:06	15.33	51.21	33.65	7.38	7.99	7.1	2.738	90.6	3.2	0.8
551	5/30/2016 09:21:06	15.51	51.18	33.64	7.41	7.99	6.6	2.660	91.2	4.6	1.1
552	5/30/2016 09:36:06	15.52	51.19	33.65	7.61	8.00	6.0	2.581	93.7	2.8	0.7
553	5/30/2016 09:51:06	15.75	51.15	33.62	7.59	8.01	6.2	2.499	93.9	3.1	0.7
554	5/30/2016 10:06:05	15.92	51.14	33.62	8.07	8.03	8.9	2.400	100.2	4.0	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	5/30/2016 10:21:06	16.32	51.09	33.59	7.37	7.99	8.9	2.323	92.2	3.5	0.8
556	5/30/2016 10:36:05	16.27	51.14	33.62	7.51	8.01	7.3	2.235	93.8	3.3	0.8
557	5/30/2016 10:51:06	16.19	51.14	33.62	8.31	8.07	7.0	2.131	103.7	3.8	0.9
558	5/30/2016 11:06:06	16.51	51.12	33.61	7.96	8.04	7.8	2.061	99.9	3.9	0.9
559	5/30/2016 11:21:06	16.53	51.14	33.63	8.19	8.07	7.5	1.964	102.9	3.8	0.9
560	5/30/2016 11:36:05	16.72	51.12	33.62	8.51	8.08	7.2	1.885	107.3	3.6	0.9
561	5/30/2016 11:51:06	16.88	51.12	33.61	8.24	8.07	7.8	1.820	104.2	3.7	0.9
562	5/30/2016 12:06:05	17.04	51.14	33.64	8.20	8.08	6.7	1.758	104.0	3.4	0.8
563	5/30/2016 12:21:05	17.10	51.13	33.63	7.78	8.06	6.7	1.705	98.8	3.1	0.7
564	5/30/2016 12:36:05	17.19	51.14	33.64	7.73	8.06	6.5	1.668	98.3	3.5	0.8
565	5/30/2016 12:51:05	17.28	51.13	33.63	7.54	8.05	7.5	1.651	96.1	3.7	0.9
566	5/30/2016 13:06:05	17.10	51.12	33.62	8.96	8.11	8.5	1.643	113.8	4.7	1.1
567	5/30/2016 13:21:05	17.20	51.14	33.63	8.12	8.07	7.5	1.656	103.3	5.0	1.2
568	5/30/2016 13:36:06	17.25	51.14	33.64	7.86	8.05	9.4	1.677	100.1	4.6	1.1
569	5/30/2016 13:51:05	17.23	51.12	33.62	7.65	8.04	8.8	1.713	97.4	4.7	1.1
570	5/30/2016 14:06:05	17.30	51.12	33.62	7.49	8.03	8.0	1.767	95.4	5.1	1.2
571	5/30/2016 14:21:05	17.28	51.11	33.62	7.41	8.02	8.0	1.818	94.4	5.5	1.3
572	5/30/2016 14:36:05	17.46	51.06	33.58	7.41	8.01	9.6	1.881	94.7	5.1	1.2
573	5/30/2016 14:51:05	17.47	50.98	33.52	7.30	8.00	9.7	1.950	93.3	4.6	1.1
574	5/30/2016 15:06:06	17.29	51.03	33.55	7.31	8.00	8.7	2.017	93.2	4.3	1.0
575	5/30/2016 15:21:05	17.12	51.05	33.57	7.37	8.00	7.7	2.099	93.6	4.8	1.1
576	5/30/2016 15:36:05	16.97	51.05	33.57	7.31	8.00	7.5	2.168	92.5	4.7	1.1
577	5/30/2016 15:51:05	16.78	51.04	33.56	7.23	7.99	7.7	2.243	91.3	4.2	1.0
578	5/30/2016 16:06:06	16.61	51.06	33.57	7.25	7.98	7.4	2.327	91.2	3.9	0.9
579	5/30/2016 16:21:06	16.31	51.09	33.59	7.29	7.98	7.6	2.405	91.2	3.8	0.9
580	5/30/2016 16:36:06	16.18	51.12	33.61	7.26	7.98	7.2	2.497	90.6	3.1	0.7
581	5/30/2016 16:51:06	16.20	51.13	33.62	7.36	7.99	8.3	2.571	91.8	3.7	0.9
582	5/30/2016 17:06:05	16.09	51.15	33.62	7.37	7.99	7.0	2.653	91.8	3.4	0.8
583	5/30/2016 17:21:05	15.90	51.16	33.63	7.34	7.98	8.4	2.737	91.1	3.0	0.7
584	5/30/2016 17:36:06	15.98	51.17	33.64	7.45	7.99	8.9	2.818	92.6	3.8	0.9
585	5/30/2016 17:51:05	15.70	51.13	33.61	7.39	7.97	11.3	2.901	91.3	3.7	0.9
586	5/30/2016 18:06:06	15.23	51.16	33.62	7.44	7.96	14.4	2.979	91.1	3.8	0.9
587	5/30/2016 18:21:06	14.90	51.19	33.63	7.50	7.96	14.4	3.069	91.3	3.7	0.9
588	5/30/2016 18:36:06	14.52	51.28	33.69	7.45	7.95	14.4	3.145	90.0	3.8	0.9
589	5/30/2016 18:51:06	13.89	51.40	33.76	7.31	7.93	13.0	3.222	87.2	4.3	1.0
590	5/30/2016 19:06:05	13.44	51.50	33.81	7.28	7.92	12.8	3.302	86.0	4.8	1.1
591	5/30/2016 19:21:05	13.04	51.64	33.90	7.24	7.92	10.3	3.373	84.9	4.5	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	5/30/2016 19:36:05	12.93	51.68	33.92	7.26	7.93	9.0	3.430	85.0	4.4	1.0
593	5/30/2016 19:51:05	12.89	51.69	33.93	7.26	7.93	7.2	3.474	85.0	4.3	1.0
594	5/30/2016 20:06:05	12.84	51.70	33.94	7.20	7.93	5.6	3.512	84.1	4.0	0.9
595	5/30/2016 20:21:05	12.85	51.70	33.93	7.11	7.93	4.1	3.533	83.1	4.0	1.0
596	5/30/2016 20:36:05	13.00	51.67	33.92	7.10	7.93	5.2	3.530	83.3	3.1	0.7
597	5/30/2016 20:51:05	13.01	51.66	33.91	7.03	7.93	6.2	3.498	82.5	2.9	0.7
598	5/30/2016 21:06:05	12.95	51.67	33.92	7.13	7.93	9.7	3.457	83.5	3.5	0.8
599	5/30/2016 21:21:05	13.45	51.54	33.84	7.08	7.93	20.2	3.404	83.7	3.5	0.8
600	5/30/2016 21:36:05	14.29	51.43	33.79	7.21	7.95	9.7	3.323	86.7	4.8	1.1
601	5/30/2016 21:51:05	13.52	51.64	33.92	7.33	7.95	17.2	3.230	86.8	4.0	0.9
602	5/30/2016 22:06:05	14.51	51.42	33.79	7.28	7.96	8.3	3.153	88.0	4.5	1.1
603	5/30/2016 22:21:06	15.11	51.36	33.76	7.23	7.96	7.9	3.071	88.4	4.2	1.0
604	5/30/2016 22:36:06	15.33	51.31	33.73	7.27	7.97	24.2	2.972	89.2	3.7	0.9
605	5/30/2016 22:51:05	15.49	51.28	33.71	7.20	7.97	8.6	2.886	88.7	4.6	1.1
606	5/30/2016 23:06:06	15.68	51.26	33.70	7.27	7.97	8.3	2.797	89.8	3.5	0.8
607	5/30/2016 23:21:05	15.87	51.24	33.69	7.25	7.98	8.8	2.705	89.9	4.1	1.0
608	5/30/2016 23:36:05	16.04	51.23	33.68	7.34	7.99	7.8	2.616	91.4	3.8	0.9
609	5/30/2016 23:51:06	16.27	51.21	33.68	7.26	7.99	8.9	2.517	90.7	4.1	1.0
610	5/31/2016 00:06:06	16.34	51.19	33.66	7.28	7.99	9.1	2.434	91.1	4.2	1.0
611	5/31/2016 00:21:05	16.46	51.19	33.67	7.25	7.99	8.9	2.348	90.9	4.3	1.0
612	5/31/2016 00:36:06	16.29	51.25	33.71	7.22	7.99	8.8	2.263	90.3	4.6	1.1
613	5/31/2016 00:51:05	16.44	51.23	33.69	7.14	7.99	8.1	2.175	89.6	4.5	1.1
614	5/31/2016 01:06:05	16.70	51.22	33.69	7.22	8.00	7.9	2.090	91.0	25.5	6.1
615	5/31/2016 01:21:05	16.90	51.22	33.69	7.27	8.01	8.1	2.024	92.0	3.8	0.9
616	5/31/2016 01:36:05	16.99	51.23	33.70	7.22	8.01	6.8	1.970	91.6	4.3	1.0
617	5/31/2016 01:51:05	17.20	51.22	33.69	7.24	8.01	6.4	1.917	92.2	4.3	1.0
618	5/31/2016 02:06:05	17.42	51.20	33.68	7.22	8.02	6.6	1.880	92.3	4.3	1.0
619	5/31/2016 02:21:05	17.58	51.19	33.68	7.18	8.02	6.2	1.877	92.1	4.2	1.0
620	5/31/2016 02:36:05	17.60	51.19	33.68	7.28	8.02	6.9	1.878	93.4	4.8	1.1
621	5/31/2016 02:51:05	17.52	51.19	33.68	7.27	8.02	5.7	1.888	93.1	4.5	1.1
622	5/31/2016 03:06:05	17.41	51.19	33.68	7.28	8.01	6.7	1.924	93.1	4.2	1.0
623	5/31/2016 03:21:05	17.33	51.17	33.66	7.27	8.01	6.6	1.980	92.7	4.2	1.0
624	5/31/2016 03:36:05	17.25	51.17	33.66	7.21	8.00	6.9	2.046	91.8	4.3	1.0
625	5/31/2016 03:51:05	17.46	51.08	33.60	7.01	7.99	9.8	2.106	89.6	4.9	1.2
626	5/31/2016 04:06:05	17.45	51.04	33.57	7.01	7.99	9.8	2.171	89.6	4.1	1.0
627	5/31/2016 04:21:05	17.11	51.11	33.61	7.10	7.99	7.8	2.248	90.2	4.3	1.0
628	5/31/2016 04:36:06	16.92	51.12	33.62	7.15	7.98	7.1	2.312	90.4	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	5/31/2016 04:51:06	16.65	51.13	33.62	7.12	7.98	6.9	2.376	89.7	3.8	0.9
630	5/31/2016 05:06:06	16.33	51.16	33.64	7.12	7.97	6.3	2.437	89.1	3.8	0.9
631	5/31/2016 05:21:06	16.02	51.19	33.65	7.05	7.96	5.6	2.497	87.7	4.3	1.0
632	5/31/2016 05:36:06	15.76	51.21	33.67	7.03	7.96	5.6	2.558	87.0	3.5	0.8
633	5/31/2016 05:51:06	15.63	51.23	33.68	7.02	7.95	5.1	2.614	86.7	3.6	0.9
634	5/31/2016 06:06:06	15.56	51.23	33.68	7.03	7.95	5.2	2.678	86.7	3.1	0.7
635	5/31/2016 06:21:06	15.42	51.25	33.69	6.96	7.95	5.0	2.731	85.6	3.2	0.8
636	5/31/2016 06:36:06	15.29	51.27	33.70	7.01	7.95	4.7	2.794	85.9	3.1	0.7
637	5/31/2016 06:51:05	15.15	51.29	33.71	7.00	7.95	4.8	2.853	85.7	3.1	0.7
638	5/31/2016 07:06:06	14.90	51.31	33.72	7.01	7.94	5.1	2.910	85.4	3.0	0.7
639	5/31/2016 07:21:06	14.76	51.33	33.73	6.96	7.94	4.8	2.957	84.5	3.1	0.7
640	5/31/2016 07:36:05	14.57	51.35	33.74	6.95	7.93	4.7	3.002	84.0	3.1	0.7
641	5/31/2016 07:51:06	14.47	51.37	33.75	6.94	7.93	4.5	3.058	83.7	3.1	0.7
642	5/31/2016 08:06:06	14.30	51.37	33.74	6.92	7.93	3.9	3.084	83.2	3.4	0.8
643	5/31/2016 08:21:06	14.20	51.37	33.74	6.90	7.92	3.3	3.103	82.8	3.3	0.8
644	5/31/2016 08:36:05	14.46	51.31	33.71	6.70	7.93	3.7	3.121	80.8	2.8	0.7
645	5/31/2016 08:51:05	14.08	51.38	33.75	6.72	7.92	3.6	3.124	80.5	2.7	0.6
646	5/31/2016 09:06:05	14.16	51.34	33.72	6.70	7.91	4.3	3.100	80.4	2.3	0.5
647	5/31/2016 09:21:06	14.40	51.30	33.70	6.77	7.92	5.7	3.046	81.6	2.9	0.7
648	5/31/2016 09:36:06	15.16	51.27	33.69	6.96	7.95	4.8	2.998	85.1	2.3	0.5
649	5/31/2016 09:51:05	15.23	51.26	33.69	7.09	7.95	5.9	2.948	86.8	3.5	0.8
650	5/31/2016 10:06:06	15.39	51.27	33.70	7.39	7.98	5.1	2.856	90.9	3.3	0.8
651	5/31/2016 10:21:05	15.47	51.24	33.68	7.35	7.97	9.5	2.768	90.5	3.7	0.9
652	5/31/2016 10:36:06	15.71	51.23	33.68	7.22	7.97	7.4	2.693	89.2	2.8	0.7
653	5/31/2016 10:51:06	16.05	51.21	33.67	7.34	8.00	6.5	2.609	91.4	2.7	0.6
654	5/31/2016 11:06:06	16.41	51.20	33.67	7.29	7.99	6.4	2.520	91.3	3.4	0.8
655	5/31/2016 11:21:05	16.73	51.16	33.64	7.41	8.00	5.8	2.430	93.5	3.1	0.7
656	5/31/2016 11:36:05	17.04	51.13	33.62	7.61	8.01	6.4	2.354	96.5	3.2	0.7
657	5/31/2016 11:51:05	17.26	51.12	33.62	7.54	8.01	6.5	2.263	96.0	3.7	0.9
658	5/31/2016 12:06:06	17.31	51.12	33.62	7.68	8.02	6.0	2.174	97.9	3.3	0.8
659	5/31/2016 12:21:06	17.44	51.13	33.63	8.16	8.08	6.1	2.092	104.3	3.0	0.7
660	5/31/2016 12:36:06	17.62	51.12	33.62	8.14	8.09	5.6	2.015	104.4	3.5	0.8
661	5/31/2016 12:51:06	17.84	51.13	33.64	8.12	8.09	5.8	1.944	104.6	3.4	0.8
662	5/31/2016 13:06:05	17.87	51.16	33.65	8.00	8.08	5.9	1.871	103.1	3.1	0.7
663	5/31/2016 13:21:05	17.98	51.12	33.63	7.94	8.08	6.1	1.821	102.5	3.4	0.8
664	5/31/2016 13:36:05	18.03	51.14	33.64	7.64	8.07	5.6	1.776	98.7	3.1	0.7
665	5/31/2016 13:51:05	18.15	51.10	33.61	8.02	8.09	5.7	1.742	103.9	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	5/31/2016 14:06:05	18.14	51.12	33.63	8.94	8.14	5.0	1.748	115.8	4.0	0.9
667	5/31/2016 14:21:05	17.95	51.12	33.63	8.24	8.09	5.9	1.755	106.4	4.2	1.0
668	5/31/2016 14:36:05	17.98	51.13	33.63	8.49	8.10	5.9	1.780	109.6	4.0	0.9
669	5/31/2016 14:51:05	18.02	51.15	33.65	8.10	8.08	6.2	1.818	104.7	4.4	1.0
670	5/31/2016 15:06:05	18.14	51.15	33.65	7.85	8.07	8.3	1.882	101.6	4.6	1.1
671	5/31/2016 15:21:05	17.95	51.15	33.65	7.86	8.06	6.7	1.941	101.5	4.4	1.0
672	5/31/2016 15:36:05	18.11	51.11	33.62	7.83	8.05	7.4	2.004	101.3	4.8	1.1
673	5/31/2016 15:51:05	18.16	51.09	33.61	7.69	8.05	7.6	2.088	99.6	4.4	1.0
674	5/31/2016 16:06:05	17.86	51.11	33.62	7.73	8.04	6.9	2.159	99.7	3.8	0.9
675	5/31/2016 16:21:05	17.76	51.11	33.62	7.70	8.04	5.7	2.245	99.1	4.5	1.1
676	5/31/2016 16:36:05	17.42	51.10	33.61	7.50	8.02	6.7	2.319	95.8	4.5	1.1
677	5/31/2016 16:51:06	17.10	51.12	33.62	7.54	8.02	7.0	2.398	95.8	3.5	0.8
678	5/31/2016 17:06:06	16.86	51.14	33.63	7.53	8.02	7.2	2.487	95.2	3.8	0.9
679	5/31/2016 17:21:06	16.51	51.17	33.65	7.46	8.01	6.2	2.566	93.6	3.5	0.8
680	5/31/2016 17:36:05	16.38	51.17	33.65	7.44	8.01	10.1	2.652	93.2	3.6	0.9
681	5/31/2016 17:51:06	16.24	51.19	33.66	7.42	8.01	6.7	2.732	92.7	4.6	1.1
682	5/31/2016 18:06:05	16.07	51.20	33.66	7.43	8.00	7.5	2.818	92.5	3.7	0.9
683	5/31/2016 18:21:05	15.84	51.22	33.67	7.47	7.99	8.9	2.908	92.6	4.0	1.0
684	5/31/2016 18:36:05	15.33	51.21	33.66	7.40	7.98	11.7	2.985	90.8	3.8	0.9
685	5/31/2016 18:51:05	14.96	51.26	33.69	7.48	7.98	13.4	3.079	91.1	4.1	1.0
686	5/31/2016 19:06:06	14.61	51.33	33.73	7.45	7.98	11.3	3.170	90.2	4.4	1.0
687	5/31/2016 19:21:05	14.17	51.41	33.77	7.34	7.97	9.8	3.259	88.1	4.4	1.0
688	5/31/2016 19:36:05	13.29	51.57	33.86	7.15	7.95	9.4	3.341	84.3	4.5	1.1
689	5/31/2016 19:51:05	12.83	51.66	33.90	7.08	7.94	10.6	3.425	82.7	4.8	1.1
690	5/31/2016 20:06:05	12.54	51.75	33.96	7.05	7.94	8.0	3.505	81.9	4.3	1.0
691	5/31/2016 20:21:05	12.45	51.78	33.97	7.08	7.95	7.0	3.562	82.1	4.1	1.0
692	5/31/2016 20:36:05	12.35	51.79	33.98	7.14	7.95	7.9	3.614	82.6	3.6	0.8
693	5/31/2016 20:51:05	12.27	51.79	33.97	7.10	7.95	4.1	3.660	82.0	4.0	1.0
694	5/31/2016 21:06:05	12.25	51.79	33.97	6.97	7.94	5.4	3.679	80.5	4.3	1.0
695	5/31/2016 21:21:05	12.49	51.74	33.94	6.96	7.95	4.1	3.685	80.8	3.7	0.9
696	5/31/2016 21:36:05	12.73	51.71	33.94	6.94	7.95	5.4	3.658	80.9	4.0	0.9
697	5/31/2016 21:51:05	13.29	51.78	34.01	7.10	7.95	6.2	3.622	83.8	3.5	0.8
698	5/31/2016 22:06:05	13.68	51.58	33.88	7.09	7.95	9.5	3.558	84.2	4.5	1.1
699	5/31/2016 22:21:06	13.84	51.54	33.86	6.96	7.95	9.3	3.468	83.0	4.0	1.0
700	5/31/2016 22:36:05	13.35	51.70	33.95	7.02	7.96	7.6	3.391	83.0	3.8	0.9
701	5/31/2016 22:51:05	14.04	51.55	33.87	7.13	7.97	6.8	3.291	85.3	3.8	0.9
702	5/31/2016 23:06:05	14.49	51.44	33.81	7.15	7.97	8.3	3.184	86.3	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	5/31/2016 23:21:05	14.88	51.38	33.77	7.18	7.98	8.7	3.083	87.4	4.2	1.0
704	5/31/2016 23:36:06	14.99	51.39	33.78	7.22	7.98	8.3	2.983	88.0	3.8	0.9
705	5/31/2016 23:51:05	15.24	51.35	33.76	7.18	7.98	8.5	2.863	88.0	4.1	1.0
706	6/1/2016 00:06:05	15.67	51.29	33.72	7.28	8.00	8.9	2.757	89.9	4.3	1.0
707	6/1/2016 00:21:05	15.93	51.29	33.73	7.33	8.00	9.2	2.656	91.1	4.1	1.0
708	6/1/2016 00:36:06	16.22	51.27	33.72	7.31	8.00	8.4	2.541	91.2	4.3	1.0
709	6/1/2016 00:51:06	16.45	51.25	33.71	7.24	8.00	9.7	2.435	90.8	4.4	1.0
710	6/1/2016 01:06:05	16.61	51.19	33.67	7.19	8.01	9.8	2.321	90.4	4.5	1.1
711	6/1/2016 01:21:05	16.87	51.24	33.71	7.27	8.01	10.6	2.209	92.0	4.5	1.1
712	6/1/2016 01:36:05	16.96	51.26	33.72	7.25	8.02	9.9	2.111	91.9	4.2	1.0
713	6/1/2016 01:51:06	17.02	51.31	33.76	7.33	8.02	9.3	1.999	93.1	4.4	1.0
714	6/1/2016 02:06:05	17.37	51.22	33.69	7.30	8.02	8.1	1.900	93.3	3.7	0.9
715	6/1/2016 02:21:05	17.59	51.26	33.73	7.37	8.03	74.9	1.810	94.6	4.5	1.1
716	6/1/2016 02:36:06	17.91	51.21	33.69	7.43	8.04	7.3	1.732	95.9	3.8	0.9
717	6/1/2016 02:51:05	18.08	51.22	33.70	7.43	8.05	7.9	1.674	96.1	3.9	0.9
718	6/1/2016 03:06:05	18.23	51.23	33.71	7.48	8.05	7.2	1.632	97.1	4.5	1.1
719	6/1/2016 03:21:05	18.34	51.22	33.71	7.51	8.06	6.4	1.627	97.6	4.4	1.0
720	6/1/2016 03:36:05	18.38	51.19	33.68	7.56	8.06	6.4	1.614	98.4	4.8	1.1
721	6/1/2016 03:51:05	18.26	51.20	33.69	7.60	8.05	8.3	1.643	98.7	4.1	1.0
722	6/1/2016 04:06:05	18.23	51.21	33.70	7.59	8.05	6.2	1.706	98.5	4.4	1.0
723	6/1/2016 04:21:05	18.19	51.22	33.70	7.59	8.05	6.9	1.759	98.5	4.3	1.0
724	6/1/2016 04:36:05	18.12	51.19	33.68	7.51	8.04	7.5	1.827	97.3	4.4	1.1
725	6/1/2016 04:51:05	18.45	51.08	33.60	7.15	8.03	9.5	1.904	93.1	4.8	1.1
726	6/1/2016 05:06:05	18.42	51.07	33.59	7.10	8.02	10.6	1.993	92.5	4.7	1.1
727	6/1/2016 05:21:05	17.99	51.14	33.64	7.28	8.02	8.5	2.068	94.1	4.5	1.1
728	6/1/2016 05:36:05	17.84	51.15	33.65	7.28	8.02	15.6	2.140	93.8	4.2	1.0
729	6/1/2016 05:51:05	17.54	51.16	33.66	7.25	8.01	10.0	2.221	92.9	3.9	0.9
730	6/1/2016 06:06:05	17.01	51.19	33.67	7.16	7.99	7.6	2.299	90.8	3.8	0.9
731	6/1/2016 06:21:06	16.64	51.19	33.67	7.18	7.99	6.7	2.369	90.4	3.8	0.9
732	6/1/2016 06:36:06	16.41	51.20	33.67	7.14	7.98	6.1	2.444	89.5	3.6	0.8
733	6/1/2016 06:51:06	16.28	51.21	33.68	7.16	7.98	6.1	2.518	89.6	3.0	0.7
734	6/1/2016 07:06:06	16.08	51.23	33.69	7.11	7.98	6.4	2.592	88.6	3.2	0.8
735	6/1/2016 07:21:06	15.94	51.25	33.70	7.07	7.97	6.3	2.656	87.8	3.7	0.9
736	6/1/2016 07:36:06	15.82	51.25	33.70	7.07	7.97	6.0	2.728	87.7	3.0	0.7
737	6/1/2016 07:51:06	15.48	51.28	33.71	7.03	7.96	6.3	2.799	86.5	3.5	0.8
738	6/1/2016 08:06:05	15.31	51.28	33.71	7.04	7.96	23.8	2.864	86.4	3.2	0.8
739	6/1/2016 08:21:06	15.14	51.30	33.72	7.02	7.96	6.5	2.927	85.8	2.9	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	Fluorescence %FS
740	6/1/2016 08:36:06	14.75	51.31	33.72	7.04	7.95	6.9	2.994	85.4	3.3	0.8
741	6/1/2016 08:51:06	14.58	51.34	33.73	7.08	7.95	5.9	3.049	85.6	2.8	0.7
742	6/1/2016 09:06:06	14.41	51.36	33.74	7.04	7.95	5.6	3.101	84.8	3.5	0.8
743	6/1/2016 09:21:05	14.27	51.37	33.74	7.03	7.95	4.8	3.147	84.5	4.3	1.0
744	6/1/2016 09:36:05	14.04	51.41	33.77	6.97	7.94	4.1	3.178	83.4	3.6	0.8
745	6/1/2016 09:51:05	13.96	51.41	33.77	6.80	7.93	3.6	3.184	81.3	3.6	0.9
746	6/1/2016 10:06:06	13.98	51.41	33.76	6.83	7.93	3.9	3.176	81.6	2.8	0.7
747	6/1/2016 10:21:06	14.07	51.39	33.75	6.89	7.94	3.7	3.161	82.5	3.0	0.7
748	6/1/2016 10:36:06	14.29	51.35	33.73	6.78	7.93	5.0	3.106	81.5	3.1	0.7
749	6/1/2016 10:51:06	14.66	51.33	33.73	6.97	7.95	5.7	3.045	84.4	3.3	0.8
750	6/1/2016 11:06:05	15.52	51.24	33.68	7.28	7.98	6.1	2.970	89.7	2.6	0.6
751	6/1/2016 11:21:05	15.88	51.24	33.69	7.48	7.99	5.1	2.892	92.8	2.8	0.7
752	6/1/2016 11:36:06	16.05	51.24	33.69	7.46	7.99	7.2	2.804	92.9	3.3	0.8
753	6/1/2016 11:51:06	16.33	51.22	33.69	7.43	7.99	8.3	2.712	93.0	3.7	0.9
754	6/1/2016 12:06:05	16.70	51.21	33.68	7.53	8.00	7.6	2.631	94.9	3.2	0.8
755	6/1/2016 12:21:06	17.01	51.19	33.67	7.61	8.02	9.9	2.535	96.5	3.2	0.8
756	6/1/2016 12:36:06	17.37	51.16	33.65	7.71	8.02	8.3	2.453	98.4	3.4	0.8
757	6/1/2016 12:51:05	17.39	51.17	33.66	7.64	8.02	8.6	2.369	97.5	3.1	0.7
758	6/1/2016 13:06:05	17.95	51.15	33.65	7.69	8.03	6.3	2.287	99.3	3.5	0.8
759	6/1/2016 13:21:05	18.20	51.14	33.64	8.03	8.06	6.1	2.198	104.1	3.2	0.8
760	6/1/2016 13:36:05	18.36	51.13	33.64	7.93	8.06	6.5	2.110	103.2	2.7	0.6
761	6/1/2016 13:51:05	18.64	51.13	33.64	8.03	8.06	5.3	2.044	105.0	3.4	0.8
762	6/1/2016 14:06:05	18.66	51.13	33.64	8.11	8.07	5.1	1.970	106.1	3.1	0.7
763	6/1/2016 14:21:05	18.80	51.14	33.65	7.93	8.06	5.4	1.908	104.0	2.9	0.7
764	6/1/2016 14:36:05	18.88	51.15	33.65	7.85	8.07	4.8	1.877	103.1	3.2	0.8
765	6/1/2016 14:51:05	18.94	51.15	33.65	7.80	8.07	5.0	1.839	102.6	3.5	0.8
766	6/1/2016 15:06:05	18.96	51.12	33.63	8.71	8.12	5.9	1.841	114.6	4.3	1.0
767	6/1/2016 15:21:05	18.80	51.13	33.64	8.41	8.09	6.2	1.843	110.3	4.4	1.1
768	6/1/2016 15:36:05	18.83	51.14	33.64	8.42	8.09	6.7	1.879	110.5	4.1	1.0
769	6/1/2016 15:51:05	18.87	51.15	33.65	8.32	8.08	6.8	1.932	109.2	4.5	1.1
770	6/1/2016 16:06:05	19.00	51.15	33.65	8.23	8.08	6.5	1.980	108.4	5.0	1.2
771	6/1/2016 16:21:04	18.72	51.14	33.65	8.14	8.06	6.7	2.064	106.6	5.0	1.2
772	6/1/2016 16:36:05	18.93	51.12	33.63	8.10	8.06	23.2	2.135	106.5	5.5	1.3
773	6/1/2016 16:51:05	18.65	51.13	33.64	7.98	8.05	10.8	2.219	104.4	4.8	1.1
774	6/1/2016 17:06:05	18.40	51.14	33.64	8.06	8.04	32.5	2.293	104.9	4.7	1.1
775	6/1/2016 17:21:05	18.08	51.14	33.64	7.90	8.03	6.5	2.376	102.3	4.4	1.0
776	6/1/2016 17:36:05	17.74	51.15	33.65	7.86	8.02	6.5	2.471	101.1	4.0	1.0

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
777	6/1/2016 17:51:05	17.34	51.18	33.66	7.76	8.01	7.6	2.547	99.0	4.2	1.0
778	6/1/2016 18:06:06	16.81	51.20	33.68	7.61	8.00	6.5	2.628	96.2	4.1	1.0
779	6/1/2016 18:21:06	16.57	51.22	33.69	7.56	7.99	7.0	2.720	95.0	3.9	0.9
780	6/1/2016 18:36:05	16.49	51.23	33.69	7.54	7.99	7.5	2.806	94.7	4.0	1.0
781	6/1/2016 18:51:06	16.16	51.26	33.71	7.56	7.99	8.4	2.897	94.3	4.1	1.0
782	6/1/2016 19:06:06	15.86	51.28	33.72	7.53	7.98	12.1	2.984	93.5	4.6	1.1
783	6/1/2016 19:21:05	15.25	51.29	33.71	7.60	7.97	13.0	3.089	93.2	5.0	1.2
784	6/1/2016 19:36:06	14.77	51.38	33.76	7.62	7.96	15.2	3.191	92.5	4.5	1.1
785	6/1/2016 19:51:05	14.19	51.46	33.81	7.59	7.96	12.9	3.286	91.1	4.9	1.2
786	6/1/2016 20:06:05	13.52	51.56	33.86	7.55	7.95	13.0	3.389	89.5	5.3	1.3
787	6/1/2016 20:21:05	12.96	51.64	33.90	7.56	7.94	11.1	3.486	88.6	4.9	1.2
788	6/1/2016 20:36:05	12.67	51.70	33.93	7.65	7.95	16.4	3.576	89.1	6.1	1.4
789	6/1/2016 20:51:05	12.54	51.71	33.93	7.68	7.95	7.5	3.656	89.2	5.5	1.3
790	6/1/2016 21:06:05	12.36	51.74	33.94	7.67	7.96	9.4	3.727	88.8	6.0	1.4
791	6/1/2016 21:21:05	12.03	51.80	33.97	7.51	7.95	6.8	3.787	86.3	5.2	1.2
792	6/1/2016 21:36:05	11.77	51.87	34.01	7.33	7.94	10.4	3.828	83.9	5.6	1.3
793	6/1/2016 21:51:05	11.47	51.89	34.01	7.26	7.93	57.3	3.855	82.5	5.9	1.4
794	6/1/2016 22:06:05	11.53	51.90	34.02	7.22	7.93	4.2	3.853	82.2	5.3	1.3
795	6/1/2016 22:21:05	11.59	51.86	33.99	7.31	7.93	4.9	3.829	83.2	5.0	1.2
796	6/1/2016 22:36:05	13.62	51.61	33.90	7.52	7.95	6.1	3.786	89.3	5.1	1.2
797	6/1/2016 22:51:06	12.97	51.64	33.90	7.41	7.93	8.1	3.710	86.9	5.1	1.2
798	6/1/2016 23:06:05	12.78	51.68	33.92	7.45	7.93	10.7	3.615	87.0	5.7	1.3
799	6/1/2016 23:21:05	13.34	51.63	33.90	7.54	7.95	9.3	3.519	89.0	5.3	1.3
800	6/1/2016 23:36:05	14.15	51.51	33.85	7.39	7.95	9.2	3.394	88.7	5.1	1.2
801	6/1/2016 23:51:06	14.48	51.47	33.83	7.39	7.95	8.9	3.279	89.3	4.6	1.1
802	6/2/2016 00:06:05	14.82	51.41	33.79	7.39	7.96	14.8	3.162	89.9	5.4	1.3
803	6/2/2016 00:21:06	14.69	51.45	33.81	7.37	7.95	9.1	3.043	89.4	4.5	1.1
804	6/2/2016 00:36:05	14.99	51.38	33.77	7.37	7.96	10.6	2.917	89.9	4.3	1.0
805	6/2/2016 00:51:06	15.11	51.43	33.81	7.39	7.96	9.5	2.799	90.3	3.9	0.9
806	6/2/2016 01:06:06	16.00	51.31	33.75	7.37	7.98	10.0	2.674	91.7	4.8	1.1
807	6/2/2016 01:21:05	16.49	51.31	33.75	7.46	7.99	11.0	2.537	93.7	5.0	1.2
808	6/2/2016 01:36:05	16.75	51.33	33.77	7.46	7.99	9.4	2.428	94.2	4.5	1.1
809	6/2/2016 01:51:06	17.14	51.28	33.74	7.52	8.01	10.2	2.311	95.6	4.6	1.1
810	6/2/2016 02:06:06	17.09	51.30	33.75	7.46	8.00	10.9	2.174	94.8	4.8	1.1
811	6/2/2016 02:21:05	17.59	51.28	33.74	7.47	8.01	12.0	2.046	95.9	5.1	1.2
812	6/2/2016 02:36:06	17.71	51.30	33.76	7.49	8.02	11.5	1.922	96.3	5.5	1.3
813	6/2/2016 02:51:05	17.81	51.31	33.77	7.47	8.01	11.4	1.777	96.2	4.6	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	6/2/2016 03:06:05	18.17	51.30	33.76	7.48	8.02	11.1	1.650	97.1	4.5	1.1
815	6/2/2016 03:21:05	18.41	51.27	33.74	7.52	8.04	9.7	1.546	98.0	4.8	1.1
816	6/2/2016 03:36:05	18.47	51.26	33.74	7.48	8.03	9.4	1.455	97.6	5.1	1.2
817	6/2/2016 03:51:05	18.57	51.25	33.73	7.46	8.04	8.2	1.377	97.5	4.3	1.0
818	6/2/2016 04:06:05	18.95	51.26	33.74	7.36	8.05	8.3	1.343	96.9	4.3	1.0
819	6/2/2016 04:21:05	19.02	51.26	33.74	7.37	8.05	8.6	1.357	97.1	4.7	1.1
820	6/2/2016 04:36:05	18.79	51.24	33.72	7.55	8.05	8.1	1.385	99.0	4.6	1.1
821	6/2/2016 04:51:05	18.68	51.24	33.72	7.55	8.04	16.9	1.431	98.8	4.6	1.1
822	6/2/2016 05:06:05	18.77	51.25	33.73	7.61	8.05	9.4	1.511	99.8	4.4	1.0
823	6/2/2016 05:21:05	18.73	51.24	33.72	7.60	8.05	8.2	1.605	99.6	4.0	1.0
824	6/2/2016 05:36:05	19.24	51.05	33.58	7.19	8.03	23.1	1.690	95.0	4.6	1.1
825	6/2/2016 05:51:05	19.04	51.12	33.63	7.30	8.03	12.3	1.763	96.2	4.7	1.1
826	6/2/2016 06:06:05	18.80	51.16	33.66	7.39	8.03	9.4	1.859	96.9	4.4	1.0
827	6/2/2016 06:21:05	18.64	51.19	33.68	7.40	8.02	9.0	1.939	96.8	4.2	1.0
828	6/2/2016 06:36:05	18.55	51.19	33.68	7.40	8.02	8.9	2.008	96.6	4.2	1.0
829	6/2/2016 06:51:05	18.19	51.20	33.69	7.38	8.01	8.7	2.100	95.8	4.3	1.0
830	6/2/2016 07:06:05	17.66	51.22	33.70	7.29	7.99	7.7	2.185	93.6	3.9	0.9
831	6/2/2016 07:21:05	17.31	51.23	33.70	7.30	7.98	7.5	2.274	93.1	3.8	0.9
832	6/2/2016 07:36:05	17.09	51.23	33.70	7.32	7.98	7.0	2.359	93.0	3.4	0.8
833	6/2/2016 07:51:06	16.93	51.25	33.71	7.35	7.98	13.4	2.443	93.1	3.3	0.8
834	6/2/2016 08:06:06	16.75	51.26	33.72	7.35	7.98	7.5	2.546	92.8	3.2	0.8
835	6/2/2016 08:21:06	16.52	51.27	33.72	7.35	7.98	8.1	2.630	92.4	3.4	0.8
836	6/2/2016 08:36:06	16.27	51.29	33.73	7.30	7.97	7.8	2.703	91.3	3.5	0.8
837	6/2/2016 08:51:06	16.05	51.29	33.73	7.25	7.96	8.0	2.791	90.3	3.6	0.9
838	6/2/2016 09:06:05	15.84	51.29	33.73	7.23	7.96	9.3	2.871	89.6	3.7	0.9
839	6/2/2016 09:21:05	15.44	51.29	33.72	7.29	7.95	9.9	2.947	89.7	4.2	1.0
840	6/2/2016 09:36:06	15.13	51.32	33.73	7.30	7.95	9.7	3.017	89.2	4.2	1.0
841	6/2/2016 09:51:06	14.78	51.36	33.75	7.25	7.94	8.7	3.083	88.0	3.6	0.9
842	6/2/2016 10:06:05	14.14	51.43	33.79	7.29	7.94	8.8	3.151	87.4	4.7	1.1
843	6/2/2016 10:21:06	13.79	51.48	33.81	7.32	7.94	8.5	3.203	87.1	5.0	1.2
844	6/2/2016 10:36:05	13.58	51.50	33.82	7.28	7.94	6.6	3.242	86.4	4.3	1.0
845	6/2/2016 10:51:05	13.51	51.50	33.82	7.34	7.94	6.4	3.279	86.9	5.2	1.2
846	6/2/2016 11:06:05	13.52	51.46	33.78	7.13	7.93	4.2	3.283	84.5	3.0	0.7
847	6/2/2016 11:21:05	13.55	51.49	33.81	7.20	7.94	6.1	3.270	85.4	4.1	1.0
848	6/2/2016 11:36:05	13.61	51.49	33.81	7.19	7.94	4.8	3.227	85.3	3.6	0.8
849	6/2/2016 11:51:05	13.74	51.49	33.82	7.21	7.94	6.1	3.171	85.8	3.7	0.9
850	6/2/2016 12:06:06	15.25	51.39	33.79	7.47	7.97	10.8	3.091	91.6	4.1	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
851	6/2/2016 12:21:05	15.57	51.35	33.76	7.86	7.99	9.1	3.001	96.9	4.0	1.0
852	6/2/2016 12:36:06	15.87	51.34	33.76	7.85	7.99	8.1	2.919	97.4	3.6	0.8
853	6/2/2016 12:51:05	16.42	51.32	33.76	7.89	8.00	8.8	2.817	99.0	3.0	0.7
854	6/2/2016 13:06:05	16.65	51.28	33.73	7.93	8.02	9.8	2.720	99.9	3.6	0.8
855	6/2/2016 13:21:05	17.12	51.29	33.75	8.51	8.05	8.7	2.636	108.2	3.6	0.9
856	6/2/2016 13:36:05	17.30	51.28	33.74	8.42	8.06	8.3	2.546	107.4	3.6	0.8
857	6/2/2016 13:51:05	17.64	51.25	33.72	8.71	8.07	10.3	2.458	111.8	3.6	0.9
858	6/2/2016 14:06:05	18.02	51.26	33.73	9.25	8.12	10.9	2.357	119.7	3.9	0.9
859	6/2/2016 14:21:05	18.54	51.21	33.70	9.08	8.11	12.6	2.265	118.5	3.7	0.9
860	6/2/2016 14:36:05	18.92	51.20	33.69	8.31	8.07	9.4	2.200	109.3	4.1	1.0
861	6/2/2016 14:51:05	19.11	51.19	33.68	8.22	8.07	12.8	2.115	108.5	4.1	1.0
862	6/2/2016 15:06:05	19.35	51.20	33.69	8.67	8.09	7.3	2.038	114.9	4.3	1.0
863	6/2/2016 15:21:05	19.50	51.17	33.67	8.55	8.10	6.5	1.997	113.7	3.9	0.9
864	6/2/2016 15:36:04	19.51	51.17	33.67	8.71	8.11	6.9	1.953	115.7	3.7	0.9
865	6/2/2016 15:51:05	19.62	51.17	33.67	8.38	8.09	5.3	1.936	111.6	3.6	0.9
866	6/2/2016 16:06:05	19.53	51.18	33.67	9.71	8.17	6.6	1.924	129.2	4.6	1.1
867	6/2/2016 16:21:05	19.47	51.16	33.66	9.16	8.13	6.9	1.938	121.7	5.1	1.2
868	6/2/2016 16:36:05	19.40	51.15	33.66	8.60	8.09	7.6	1.986	114.2	4.7	1.1
869	6/2/2016 16:51:05	19.44	51.17	33.67	8.26	8.07	7.6	2.029	109.6	5.6	1.3
870	6/2/2016 17:06:04	19.34	51.16	33.66	8.06	8.05	7.6	2.089	106.8	5.5	1.3
871	6/2/2016 17:21:05	19.06	51.16	33.66	7.97	8.04	8.2	2.163	105.1	5.5	1.3
872	6/2/2016 17:36:04	19.27	51.12	33.63	8.02	8.04	8.6	2.257	106.1	4.7	1.1
873	6/2/2016 17:51:05	18.84	51.15	33.66	8.10	8.04	8.6	2.339	106.3	5.1	1.2
874	6/2/2016 18:06:05	18.56	51.20	33.69	8.03	8.03	7.7	2.422	104.8	4.9	1.2
875	6/2/2016 18:21:05	18.00	51.21	33.69	7.95	8.01	8.6	2.512	102.8	4.4	1.0
876	6/2/2016 18:36:05	17.60	51.22	33.70	7.87	8.00	7.8	2.603	101.0	3.9	0.9
877	6/2/2016 18:51:06	17.01	51.24	33.71	7.73	7.99	7.5	2.697	98.0	4.9	1.2
878	6/2/2016 19:06:06	16.79	51.25	33.71	7.73	7.99	7.9	2.778	97.7	4.7	1.1
879	6/2/2016 19:21:06	16.61	51.27	33.72	7.74	7.99	8.3	2.869	97.4	3.8	0.9
880	6/2/2016 19:36:06	16.10	51.31	33.74	7.66	7.98	9.6	2.973	95.5	4.5	1.1
881	6/2/2016 19:51:05	15.68	51.33	33.75	7.64	7.97	13.3	3.058	94.4	4.4	1.0
882	6/2/2016 20:06:06	14.91	51.38	33.77	7.75	7.97	15.4	3.164	94.3	4.7	1.1
883	6/2/2016 20:21:05	14.42	51.43	33.80	7.71	7.96	13.7	3.265	93.0	5.4	1.3
884	6/2/2016 20:36:05	13.89	51.51	33.84	7.57	7.95	10.8	3.364	90.4	5.1	1.2
885	6/2/2016 20:51:05	12.99	51.66	33.91	7.38	7.93	12.2	3.472	86.5	5.0	1.2
886	6/2/2016 21:06:05	12.37	51.73	33.93	7.28	7.92	10.1	3.569	84.2	4.5	1.1
887	6/2/2016 21:21:05	12.20	51.78	33.96	7.32	7.93	11.5	3.669	84.5	5.2	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	6/2/2016 21:36:05	12.05	51.79	33.97	7.32	7.94	8.7	3.755	84.2	5.2	1.2
889	6/2/2016 21:51:05	11.81	51.84	33.99	7.27	7.94	8.1	3.831	83.2	5.9	1.4
890	6/2/2016 22:06:05	11.42	51.89	34.00	7.13	7.92	6.7	3.904	81.0	7.0	1.7
891	6/2/2016 22:21:04	11.16	51.94	34.02	6.97	7.91	4.7	3.947	78.7	5.8	1.4
892	6/2/2016 22:36:04	11.09	51.94	34.02	6.86	7.91	4.3	3.974	77.4	4.8	1.1
893	6/2/2016 22:51:05	11.41	51.51	33.73	6.75	7.91	3.9	3.988	76.5	4.1	1.0
894	6/2/2016 23:06:05	11.11	51.96	34.03	6.69	7.90	2.5	3.970	75.4	6.8	1.6
895	6/2/2016 23:21:05	13.25	51.70	33.95	7.25	7.95	5.7	3.916	85.4	4.9	1.2
896	6/2/2016 23:36:05	12.56	51.75	33.96	7.18	7.93	6.7	3.835	83.5	5.2	1.2
897	6/2/2016 23:51:05	12.44	51.77	33.97	7.15	7.92	7.4	3.745	82.9	5.3	1.3
898	6/3/2016 00:06:05	12.59	51.85	34.03	7.24	7.93	6.7	3.634	84.2	4.7	1.1
899	6/3/2016 00:21:05	13.63	51.62	33.91	7.21	7.94	7.0	3.513	85.7	4.1	1.0
900	6/3/2016 00:36:05	14.21	51.54	33.87	7.31	7.95	10.1	3.387	87.8	4.3	1.0
901	6/3/2016 00:51:06	14.59	51.52	33.87	7.31	7.95	9.7	3.255	88.5	4.2	1.0
902	6/3/2016 01:06:06	14.82	51.47	33.84	7.37	7.96	9.0	3.133	89.6	4.3	1.0
903	6/3/2016 01:21:05	15.02	51.45	33.83	7.35	7.96	9.7	3.007	89.8	4.5	1.1
904	6/3/2016 01:36:05	15.03	51.46	33.83	7.42	7.95	9.6	2.861	90.7	4.1	1.0
905	6/3/2016 01:51:06	15.98	51.39	33.80	7.42	7.98	11.4	2.734	92.3	4.5	1.1
906	6/3/2016 02:06:06	15.59	51.42	33.82	7.41	7.96	10.0	2.585	91.4	4.3	1.0
907	6/3/2016 02:21:06	17.02	51.32	33.77	7.37	7.99	10.9	2.443	93.5	5.0	1.2
908	6/3/2016 02:36:05	16.77	51.24	33.70	7.37	7.98	12.5	2.301	93.1	4.6	1.1
909	6/3/2016 02:51:06	17.76	51.26	33.73	7.38	8.00	15.3	2.141	94.9	5.4	1.3
910	6/3/2016 03:06:06	17.68	51.28	33.74	7.39	8.00	12.3	2.003	95.0	4.8	1.1
911	6/3/2016 03:21:05	17.78	51.33	33.78	7.35	7.99	11.5	1.842	94.6	4.4	1.0
912	6/3/2016 03:36:05	18.25	51.30	33.76	7.37	8.00	11.6	1.684	95.8	5.0	1.2
913	6/3/2016 03:51:05	18.56	51.26	33.74	7.41	8.02	11.5	1.544	96.8	4.7	1.1
914	6/3/2016 04:06:05	18.68	51.29	33.76	7.43	8.02	11.9	1.412	97.3	5.0	1.2
915	6/3/2016 04:21:05	18.91	51.27	33.74	7.48	8.03	10.0	1.290	98.3	4.5	1.1
916	6/3/2016 04:36:05	19.13	51.28	33.75	7.41	8.03	12.0	1.192	97.8	4.8	1.1
917	6/3/2016 04:51:05	19.11	51.27	33.74	7.34	8.03	10.0	1.136	96.9	4.6	1.1
918	6/3/2016 05:06:05	18.95	51.26	33.74	7.23	8.02	9.0	1.109	95.2	4.8	1.1
919	6/3/2016 05:21:05	19.11	51.26	33.74	7.44	8.03	8.1	1.151	98.2	4.6	1.1
920	6/3/2016 05:36:05	19.04	51.24	33.72	7.47	8.03	7.8	1.217	98.4	4.8	1.1
921	6/3/2016 05:51:05	19.13	51.23	33.72	7.50	8.03	7.4	1.289	99.0	4.1	1.0
922	6/3/2016 06:06:05	19.16	51.23	33.72	7.52	8.04	7.3	1.391	99.3	4.7	1.1
923	6/3/2016 06:21:05	19.46	51.02	33.56	7.23	8.02	11.5	1.465	96.0	4.6	1.1
924	6/3/2016 06:36:05	19.57	50.95	33.51	7.13	8.01	11.9	1.556	94.9	4.8	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	6/3/2016 06:51:05	19.32	51.02	33.56	7.23	8.02	11.5	1.643	95.7	4.8	1.1
926	6/3/2016 07:06:05	19.11	51.11	33.63	7.30	8.02	10.0	1.716	96.3	4.5	1.1
927	6/3/2016 07:21:05	19.04	51.13	33.64	7.29	8.01	9.8	1.811	96.1	3.8	0.9
928	6/3/2016 07:36:05	18.94	51.16	33.66	7.31	8.01	10.5	1.901	96.1	4.2	1.0
929	6/3/2016 07:51:05	18.46	51.16	33.66	7.27	8.00	10.1	1.992	94.8	3.9	0.9
930	6/3/2016 08:06:05	17.78	51.12	33.62	7.29	7.98	8.6	2.088	93.7	3.4	0.8
931	6/3/2016 08:21:05	17.59	51.18	33.67	7.28	7.98	8.7	2.198	93.3	3.6	0.8
932	6/3/2016 08:36:05	17.39	51.24	33.71	7.32	7.98	9.0	2.301	93.6	3.2	0.8
933	6/3/2016 08:51:05	17.18	51.26	33.73	7.39	7.98	9.0	2.401	94.0	3.6	0.9
934	6/3/2016 09:06:05	17.00	51.26	33.72	7.37	7.98	9.5	2.503	93.5	3.5	0.8
935	6/3/2016 09:21:06	16.68	51.27	33.72	7.34	7.97	10.1	2.604	92.6	3.5	0.8
936	6/3/2016 09:36:05	16.42	51.29	33.73	7.26	7.96	9.9	2.705	91.0	3.9	0.9
937	6/3/2016 09:51:06	16.10	51.29	33.73	7.20	7.95	12.2	2.792	89.8	3.3	0.8
938	6/3/2016 10:06:06	15.77	51.29	33.73	7.25	7.95	13.2	2.873	89.8	4.2	1.0
939	6/3/2016 10:21:06	15.36	51.33	33.74	7.20	7.94	14.7	2.969	88.5	4.0	0.9
940	6/3/2016 10:36:05	14.26	51.45	33.80	7.09	7.92	13.0	3.049	85.2	4.1	1.0
941	6/3/2016 10:51:05	13.67	51.54	33.85	7.02	7.92	12.8	3.121	83.4	5.0	1.2
942	6/3/2016 11:06:05	13.42	51.59	33.87	7.02	7.92	9.6	3.183	83.0	4.7	1.1
943	6/3/2016 11:21:05	13.27	51.60	33.88	6.97	7.92	9.8	3.258	82.1	5.0	1.2
944	6/3/2016 11:36:05	13.13	51.61	33.88	6.94	7.92	7.6	3.298	81.6	4.3	1.0
945	6/3/2016 11:51:05	13.03	51.64	33.90	6.91	7.92	6.5	3.329	81.0	4.3	1.0
946	6/3/2016 12:06:05	13.03	51.65	33.91	6.76	7.91	4.5	3.344	79.3	4.2	1.0
947	6/3/2016 12:21:05	13.07	51.64	33.90	6.77	7.91	5.3	3.329	79.5	3.8	0.9
948	6/3/2016 12:36:05	13.13	51.63	33.90	6.78	7.91	6.1	3.299	79.7	3.4	0.8
949	6/3/2016 12:51:05	13.36	51.61	33.89	6.85	7.92	7.2	3.232	80.9	2.8	0.7
950	6/3/2016 13:06:05	13.98	51.48	33.81	6.95	7.93	10.1	3.161	83.1	3.9	0.9
951	6/3/2016 13:21:05	14.91	51.51	33.86	7.72	7.98	7.9	3.070	94.1	3.3	0.8
952	6/3/2016 13:36:06	15.92	51.43	33.83	7.70	7.99	8.9	2.980	95.7	3.9	0.9
953	6/3/2016 13:51:06	16.48	51.37	33.79	7.64	7.99	9.4	2.880	96.0	3.9	0.9
954	6/3/2016 14:06:05	17.28	51.32	33.77	7.89	8.01	10.8	2.799	100.7	4.1	1.0
955	6/3/2016 14:21:05	17.56	51.30	33.76	8.26	8.03	9.9	2.696	105.9	4.1	1.0
956	6/3/2016 14:36:06	17.56	51.29	33.75	8.07	8.02	8.7	2.603	103.5	3.7	0.9
957	6/3/2016 14:51:05	18.05	51.26	33.73	8.66	8.07	8.2	2.530	112.0	3.6	0.9
958	6/3/2016 15:06:05	18.30	51.26	33.73	8.43	8.06	8.0	2.432	109.6	3.7	0.9
959	6/3/2016 15:21:05	18.65	51.24	33.72	8.20	8.04	8.1	2.351	107.3	4.1	1.0
960	6/3/2016 15:36:04	19.03	51.23	33.71	8.39	8.06	7.4	2.263	110.6	4.5	1.1
961	6/3/2016 15:51:05	19.30	51.24	33.72	8.71	8.08	7.5	2.190	115.4	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
962	6/3/2016 16:06:04	19.49	51.20	33.69	8.53	8.08	6.7	2.128	113.4	4.3	1.0
963	6/3/2016 16:21:04	19.59	51.24	33.72	8.69	8.10	5.9	2.066	115.8	4.5	1.1
964	6/3/2016 16:36:04	19.85	51.21	33.69	8.83	8.13	6.5	2.025	118.2	4.1	1.0
965	6/3/2016 16:51:04	19.95	51.21	33.69	8.93	8.14	7.2	1.997	119.7	4.8	1.1
966	6/3/2016 17:06:04	19.96	51.21	33.70	9.80	8.19	6.6	2.002	131.4	5.1	1.2
967	6/3/2016 17:21:04	19.77	51.24	33.72	9.44	8.15	6.2	2.019	126.2	5.7	1.4
968	6/3/2016 17:36:04	19.66	51.22	33.71	8.76	8.09	7.0	2.042	116.8	5.4	1.3
969	6/3/2016 17:51:04	19.81	51.21	33.70	8.26	8.06	6.9	2.115	110.4	5.7	1.3
970	6/3/2016 18:06:04	19.64	51.22	33.71	8.17	8.04	7.7	2.182	108.9	5.4	1.3
971	6/3/2016 18:21:04	19.71	51.19	33.68	8.29	8.05	9.5	2.269	110.6	5.8	1.4
972	6/3/2016 18:36:05	19.67	51.15	33.65	8.27	8.04	8.7	2.350	110.2	5.4	1.3
973	6/3/2016 18:51:05	18.96	51.21	33.70	8.19	8.03	9.0	2.445	107.8	4.7	1.1
974	6/3/2016 19:06:05	18.35	51.24	33.72	8.12	8.02	8.9	2.543	105.7	4.5	1.1
975	6/3/2016 19:21:06	17.80	51.25	33.72	8.00	8.00	7.8	2.630	103.0	4.2	1.0
976	6/3/2016 19:36:05	17.05	51.27	33.73	7.81	7.99	7.4	2.714	99.1	4.7	1.1
977	6/3/2016 19:51:05	16.70	51.30	33.75	7.69	7.98	7.5	2.807	97.0	4.2	1.0
978	6/3/2016 20:06:05	16.38	51.30	33.75	7.64	7.97	8.3	2.906	95.8	4.1	1.0
979	6/3/2016 20:21:05	15.61	51.36	33.78	7.52	7.96	11.9	3.002	92.9	4.1	1.0
980	6/3/2016 20:36:05	15.01	51.42	33.80	7.43	7.95	12.7	3.095	90.6	4.6	1.1
981	6/3/2016 20:51:05	14.44	51.46	33.82	7.42	7.94	13.5	3.206	89.6	5.0	1.2
982	6/3/2016 21:06:05	13.76	51.55	33.86	7.22	7.93	11.1	3.313	85.9	4.8	1.1
983	6/3/2016 21:21:05	13.05	51.63	33.89	7.06	7.91	13.5	3.425	82.9	4.9	1.2
984	6/3/2016 21:36:05	12.29	51.74	33.94	6.93	7.87	13.9	3.532	80.1	5.1	1.2
985	6/3/2016 21:51:05	11.98	51.80	33.96	6.97	7.90	12.1	3.644	80.0	4.2	1.0
986	6/3/2016 22:06:05	11.77	51.83	33.98	6.97	7.90	11.7	3.745	79.6	4.6	1.1
987	6/3/2016 22:21:05	11.63	51.83	33.97	6.98	7.91	8.9	3.831	79.5	4.6	1.1
988	6/3/2016 22:36:05	11.42	51.88	33.99	6.90	7.90	8.6	3.923	78.3	5.7	1.3
989	6/3/2016 22:51:05	11.14	51.90	34.00	6.83	7.90	7.6	3.986	77.0	6.3	1.5
990	6/3/2016 23:06:04	10.98	51.88	33.97	6.74	7.89	5.8	4.037	75.8	6.0	1.4
991	6/3/2016 23:21:04	10.78	51.97	34.02	6.62	7.88	4.5	4.078	74.1	5.2	1.2
992	6/3/2016 23:36:05	10.75	51.98	34.03	6.49	7.88	2.8	4.078	72.7	4.3	1.0
993	6/3/2016 23:51:05	10.78	51.98	34.03	6.53	7.88	3.7	4.061	73.1	5.4	1.3
994	6/4/2016 00:06:04	13.15	51.71	33.96	6.94	7.93	5.5	4.018	81.7	3.8	0.9
995	6/4/2016 00:21:04	12.17	51.82	33.99	6.89	7.91	5.1	3.938	79.4	4.4	1.0
996	6/4/2016 00:36:04	11.64	51.87	34.00	6.82	7.90	6.5	3.834	77.8	5.4	1.3
997	6/4/2016 00:51:05	12.24	51.83	34.00	6.82	7.91	6.5	3.707	78.7	5.5	1.3
998	6/4/2016 01:06:05	12.89	51.69	33.93	6.89	7.91	6.9	3.598	80.6	4.7	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	6/4/2016 01:21:05	13.65	51.67	33.95	6.93	7.92	9.5	3.469	82.4	4.2	1.0
1000	6/4/2016 01:36:05	13.93	51.64	33.93	6.96	7.92	9.6	3.325	83.2	3.8	0.9
1001	6/4/2016 01:51:05	14.17	51.60	33.91	7.00	7.93	9.8	3.198	84.0	3.8	0.9
1002	6/4/2016 02:06:06	14.64	51.60	33.92	7.03	7.93	9.2	3.066	85.3	3.8	0.9
1003	6/4/2016 02:21:05	15.19	51.52	33.88	7.14	7.95	10.0	2.921	87.5	4.2	1.0
1004	6/4/2016 02:36:06	15.19	51.66	33.98	7.04	7.94	10.4	2.766	86.3	4.2	1.0
1005	6/4/2016 02:51:06	15.54	51.57	33.93	7.30	7.95	9.8	2.621	90.1	4.0	1.0
1006	6/4/2016 03:06:06	16.58	51.43	33.84	7.33	7.98	11.7	2.479	92.3	4.1	1.0
1007	6/4/2016 03:21:06	16.80	51.41	33.83	7.28	7.97	12.8	2.303	92.0	4.7	1.1
1008	6/4/2016 03:36:05	16.79	51.44	33.85	7.25	7.96	11.9	2.151	91.6	5.0	1.2
1009	6/4/2016 03:51:05	17.46	51.42	33.84	7.19	7.98	13.3	1.979	92.0	4.6	1.1
1010	6/4/2016 04:06:05	18.22	51.41	33.84	7.32	8.00	13.7	1.819	95.0	5.7	1.4
1011	6/4/2016 04:21:05	18.47	51.37	33.82	7.32	8.00	14.1	1.646	95.5	5.1	1.2
1012	6/4/2016 04:36:05	18.76	51.36	33.81	7.36	8.01	13.6	1.485	96.5	5.1	1.2
1013	6/4/2016 04:51:05	18.87	51.35	33.80	7.38	8.01	13.0	1.325	97.1	4.8	1.1
1014	6/4/2016 05:06:05	19.12	51.34	33.79	7.39	8.02	13.9	1.183	97.6	5.4	1.3
1015	6/4/2016 05:21:05	19.22	51.35	33.80	7.35	8.02	13.1	1.071	97.3	5.2	1.2
1016	6/4/2016 05:36:05	19.58	51.36	33.81	7.28	8.02	13.7	0.967	97.0	5.2	1.2
1017	6/4/2016 05:51:05	19.67	51.31	33.77	7.23	8.02	11.2	0.928	96.5	5.3	1.3
1018	6/4/2016 06:06:05	19.49	51.35	33.80	7.32	8.02	11.0	0.934	97.4	4.7	1.1
1019	6/4/2016 06:21:05	19.68	51.35	33.80	7.42	8.03	9.4	1.014	99.0	4.6	1.1
1020	6/4/2016 06:36:05	19.59	51.30	33.77	7.41	8.03	10.6	1.111	98.7	4.9	1.2
1021	6/4/2016 06:51:05	19.57	51.26	33.74	7.42	8.03	8.9	1.206	98.8	4.3	1.0
1022	6/4/2016 07:06:05	19.59	51.22	33.70	7.36	8.02	10.1	1.292	97.9	4.6	1.1
1023	6/4/2016 07:21:05	19.92	51.00	33.55	7.08	8.01	13.3	1.385	94.8	5.3	1.2
1024	6/4/2016 07:36:05	19.82	51.02	33.56	7.08	8.00	13.4	1.487	94.6	4.8	1.1
1025	6/4/2016 07:51:05	19.61	51.09	33.61	7.19	8.01	11.8	1.559	95.7	4.8	1.1
1026	6/4/2016 08:06:05	19.39	51.14	33.64	7.26	8.00	10.5	1.645	96.2	4.2	1.0
1027	6/4/2016 08:21:05	19.23	51.18	33.67	7.27	8.00	10.9	1.767	96.2	3.7	0.9
1028	6/4/2016 08:36:05	18.81	51.19	33.68	7.23	7.99	11.1	1.849	94.9	3.9	0.9
1029	6/4/2016 08:51:05	17.92	51.21	33.69	7.22	7.97	10.6	1.952	93.2	4.1	1.0
1030	6/4/2016 09:06:05	17.77	51.21	33.69	7.25	7.98	10.3	2.069	93.2	3.8	0.9
1031	6/4/2016 09:21:06	17.65	51.22	33.70	7.26	7.98	10.4	2.195	93.2	3.7	0.9
1032	6/4/2016 09:36:06	17.41	51.21	33.69	7.26	7.97	11.1	2.297	92.8	4.0	0.9
1033	6/4/2016 09:51:06	17.21	51.22	33.70	7.29	7.97	11.6	2.408	92.8	3.8	0.9
1034	6/4/2016 10:06:06	16.84	51.23	33.70	7.21	7.96	12.3	2.520	91.1	4.1	1.0
1035	6/4/2016 10:21:05	16.53	51.24	33.70	7.13	7.95	13.0	2.629	89.6	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
1036	6/4/2016 10:36:06	16.13	51.23	33.69	7.11	7.94	15.3	2.727	88.6	4.1	1.0
1037	6/4/2016 10:51:06	15.70	51.26	33.70	7.08	7.94	17.7	2.815	87.6	4.1	1.0
1038	6/4/2016 11:06:06	14.79	51.34	33.74	6.98	7.92	17.2	2.920	84.8	3.5	0.8
1039	6/4/2016 11:21:05	13.95	51.42	33.77	6.91	7.91	17.3	3.008	82.6	4.0	1.0
1040	6/4/2016 11:36:06	13.53	51.46	33.79	6.90	7.91	16.6	3.092	81.8	4.6	1.1
1041	6/4/2016 11:51:06	13.32	51.48	33.80	6.89	7.91	18.1	3.178	81.3	4.4	1.1
1042	6/4/2016 12:06:05	13.03	51.61	33.88	6.90	7.91	16.8	3.252	80.9	5.0	1.2
1043	6/4/2016 12:21:05	12.71	51.65	33.89	6.96	7.91	12.3	3.302	81.1	4.7	1.1
1044	6/4/2016 12:36:05	12.41	51.65	33.88	7.05	7.92	8.6	3.374	81.7	5.2	1.2
1045	6/4/2016 12:51:05	12.22	51.69	33.90	7.12	7.92	5.1	3.395	82.2	5.0	1.2
1046	6/4/2016 13:06:05	12.22	51.69	33.90	7.01	7.91	4.1	3.418	80.9	7.0	1.7
1047	6/4/2016 13:21:05	12.30	51.63	33.86	7.07	7.92	5.6	3.388	81.6	4.4	1.0
1048	6/4/2016 13:36:05	12.48	51.65	33.88	7.03	7.92	7.0	3.347	81.5	4.8	1.1
1049	6/4/2016 13:51:05	13.87	51.50	33.82	7.11	7.93	8.9	3.284	84.8	4.2	1.0
1050	6/4/2016 14:06:05	13.68	51.54	33.85	7.10	7.93	10.4	3.212	84.4	4.6	1.1
1051	6/4/2016 14:21:05	14.45	51.54	33.87	7.71	7.97	7.6	3.114	93.1	3.9	0.9
1052	6/4/2016 14:36:05	15.37	51.44	33.83	7.60	7.97	10.0	3.015	93.4	3.8	0.9
1053	6/4/2016 14:51:05	16.02	51.40	33.81	7.54	7.97	10.0	2.930	93.9	4.1	1.0
1054	6/4/2016 15:06:05	16.42	51.36	33.79	7.66	7.99	10.1	2.829	96.1	3.9	0.9
1055	6/4/2016 15:21:05	16.56	51.32	33.76	7.59	7.98	10.1	2.731	95.5	4.2	1.0
1056	6/4/2016 15:36:05	17.03	51.31	33.76	8.16	8.03	7.9	2.634	103.6	3.8	0.9
1057	6/4/2016 15:51:05	17.34	51.27	33.74	7.85	8.00	8.9	2.560	100.2	4.6	1.1
1058	6/4/2016 16:06:05	17.60	51.30	33.76	8.53	8.06	7.6	2.469	109.5	4.4	1.0
1059	6/4/2016 16:21:05	17.55	51.31	33.77	9.27	8.12	6.5	2.386	118.9	4.7	1.1
1060	6/4/2016 16:36:05	18.17	51.25	33.72	8.64	8.06	6.9	2.300	112.1	4.2	1.0
1061	6/4/2016 16:51:05	18.61	51.26	33.73	8.42	8.07	7.2	2.237	110.2	4.8	1.1
1062	6/4/2016 17:06:05	18.80	51.23	33.72	8.56	8.08	7.3	2.174	112.3	5.1	1.2
1063	6/4/2016 17:21:05	19.05	51.21	33.70	8.82	8.10	6.3	2.097	116.2	5.5	1.3
1064	6/4/2016 17:36:05	19.24	51.25	33.73	9.25	8.14	6.1	2.090	122.4	5.0	1.2
1065	6/4/2016 17:51:05	19.42	51.22	33.71	8.79	8.11	6.9	2.056	116.6	5.6	1.3
1066	6/4/2016 18:06:05	19.48	51.21	33.70	8.54	8.08	6.9	2.066	113.4	6.2	1.5
1067	6/4/2016 18:21:05	19.31	51.19	33.68	8.92	8.11	5.9	2.089	118.2	6.7	1.6
1068	6/4/2016 18:36:05	19.10	51.15	33.65	8.23	8.05	6.7	2.132	108.6	5.8	1.4
1069	6/4/2016 18:51:05	19.06	51.15	33.65	8.02	8.03	6.8	2.199	105.7	6.5	1.5
1070	6/4/2016 19:06:05	19.02	51.13	33.64	8.09	8.03	9.5	2.283	106.6	5.8	1.4
1071	6/4/2016 19:21:05	18.63	51.17	33.67	7.99	8.02	11.2	2.369	104.5	6.0	1.4
1072	6/4/2016 19:36:06	18.24	51.21	33.69	7.96	8.01	8.7	2.462	103.4	5.2	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	6/4/2016 19:51:06	17.77	51.17	33.67	7.88	8.00	12.8	2.557	101.4	5.0	1.2
1074	6/4/2016 20:06:06	16.79	51.26	33.72	7.70	7.98	12.3	2.647	97.3	5.2	1.2
1075	6/4/2016 20:21:06	16.16	51.27	33.72	7.50	7.96	8.9	2.731	93.6	4.4	1.1
1076	6/4/2016 20:36:06	15.85	51.30	33.73	7.51	7.96	9.3	2.839	93.2	4.0	0.9
1077	6/4/2016 20:51:05	15.75	51.31	33.74	7.50	7.96	10.5	2.933	92.8	4.8	1.1
1078	6/4/2016 21:06:06	15.14	51.33	33.74	7.48	7.96	12.3	3.025	91.5	4.8	1.1
1079	6/4/2016 21:21:06	14.61	51.38	33.76	7.44	7.95	11.1	3.143	90.0	5.3	1.3
1080	6/4/2016 21:36:05	13.84	51.43	33.78	7.61	7.95	14.5	3.241	90.6	5.3	1.3
1081	6/4/2016 21:51:05	13.15	51.48	33.79	7.64	7.95	13.6	3.354	89.8	5.1	1.2
1082	6/4/2016 22:06:05	12.58	51.54	33.81	7.68	7.95	11.2	3.476	89.2	5.1	1.2
1083	6/4/2016 22:21:05	12.02	51.63	33.84	7.77	7.95	10.6	3.576	89.3	5.9	1.4
1084	6/4/2016 22:36:05	11.74	51.67	33.86	7.90	7.96	10.0	3.694	90.2	5.5	1.3
1085	6/4/2016 22:51:05	11.54	51.71	33.87	8.02	7.98	8.8	3.790	91.2	6.1	1.5
1086	6/4/2016 23:06:05	11.46	51.75	33.90	8.04	7.98	7.3	3.877	91.3	7.5	1.8
1087	6/4/2016 23:21:05	11.00	51.81	33.92	7.89	7.97	6.9	3.958	88.7	9.1	2.2
1088	6/4/2016 23:36:04	10.83	51.84	33.93	7.67	7.96	5.2	4.010	85.9	9.1	2.2
1089	6/4/2016 23:51:05	10.60	51.89	33.95	7.52	7.95	4.4	4.066	83.9	7.6	1.8
1090	6/5/2016 00:06:04	10.48	51.90	33.95	7.37	7.94	4.2	4.104	82.0	6.5	1.5
1091	6/5/2016 00:21:04	10.51	51.87	33.93	7.11	7.93	3.1	4.103	79.1	11.2	2.7
1092	6/5/2016 00:36:04	10.78	51.77	33.87	7.25	7.94	4.6	4.083	81.1	6.9	1.6
1093	6/5/2016 00:51:05	12.65	51.55	33.82	7.48	7.96	5.0	4.042	87.0	5.8	1.4
1094	6/5/2016 01:06:05	11.90	51.67	33.87	7.59	7.96	5.1	3.965	86.9	6.4	1.5
1095	6/5/2016 01:21:05	11.72	51.69	33.87	7.75	7.96	5.7	3.862	88.4	5.5	1.3
1096	6/5/2016 01:36:05	12.30	51.68	33.89	7.54	7.96	7.5	3.742	87.2	7.3	1.7
1097	6/5/2016 01:51:05	12.80	51.59	33.85	7.51	7.95	7.2	3.625	87.6	5.8	1.4
1098	6/5/2016 02:06:05	13.54	51.54	33.85	7.37	7.95	9.5	3.484	87.4	5.0	1.2
1099	6/5/2016 02:21:05	13.58	51.52	33.83	7.38	7.95	9.7	3.351	87.5	4.3	1.0
1100	6/5/2016 02:36:05	13.83	51.45	33.79	7.35	7.95	10.0	3.217	87.6	4.3	1.0
1101	6/5/2016 02:51:05	14.60	51.34	33.74	7.35	7.95	10.3	3.073	88.9	3.7	0.9
1102	6/5/2016 03:06:05	14.93	51.44	33.82	7.37	7.96	11.1	2.927	89.8	4.3	1.0
1103	6/5/2016 03:21:05	14.76	51.45	33.82	7.35	7.96	10.6	2.787	89.2	4.2	1.0
1104	6/5/2016 03:36:06	16.20	51.37	33.79	7.32	7.97	10.8	2.625	91.5	4.7	1.1
1105	6/5/2016 03:51:06	15.18	51.47	33.84	7.32	7.96	10.4	2.465	89.7	4.2	1.0
1106	6/5/2016 04:06:06	16.13	51.44	33.84	7.15	7.96	10.6	2.289	89.3	4.0	0.9
1107	6/5/2016 04:21:05	16.07	51.38	33.80	7.25	7.96	12.1	2.145	90.4	4.8	1.1
1108	6/5/2016 04:36:05	17.63	51.29	33.75	7.20	7.98	14.7	1.988	92.5	5.5	1.3
1109	6/5/2016 04:51:05	17.55	51.30	33.76	7.10	7.98	16.0	1.786	91.0	5.4	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	6/5/2016 05:06:05	18.05	51.30	33.76	7.22	7.99	15.3	1.617	93.5	5.1	1.2
1111	6/5/2016 05:21:05	17.99	51.32	33.78	7.17	7.98	14.8	1.452	92.7	5.3	1.3
1112	6/5/2016 05:36:05	18.28	51.33	33.79	7.18	7.99	14.1	1.285	93.4	4.8	1.1
1113	6/5/2016 05:51:05	18.37	51.33	33.78	7.13	7.99	13.9	1.100	92.9	5.9	1.4
1114	6/5/2016 06:06:05	18.59	51.33	33.78	7.13	7.99	14.4	0.994	93.2	4.8	1.1
1115	6/5/2016 06:21:05	18.67	51.31	33.77	7.03	7.98	15.8	0.862	92.1	4.9	1.2
1116	6/5/2016 06:36:05	18.49	51.31	33.77	7.06	7.97	19.1	0.823	92.1	5.5	1.3
1117	6/5/2016 06:51:05	18.76	51.35	33.80	7.09	7.98	11.9	0.817	92.9	5.2	1.2
1118	6/5/2016 07:06:05	19.00	51.29	33.76	7.12	8.00	10.1	0.896	93.9	4.9	1.2
1119	6/5/2016 07:21:05	19.03	51.33	33.79	7.11	7.99	10.0	1.023	93.8	4.2	1.0
1120	6/5/2016 07:36:05	19.06	51.33	33.78	7.16	8.00	12.0	1.135	94.4	5.1	1.2
1121	6/5/2016 07:51:05	18.94	51.33	33.79	7.17	7.99	10.6	1.238	94.3	4.6	1.1
1122	6/5/2016 08:06:05	19.14	51.01	33.55	6.94	7.97	16.2	1.334	91.5	5.0	1.2
1123	6/5/2016 08:21:05	19.08	51.04	33.57	6.87	7.97	16.2	1.396	90.6	5.2	1.2
1124	6/5/2016 08:36:05	18.93	51.08	33.60	6.90	7.97	12.5	1.486	90.7	4.4	1.0
1125	6/5/2016 08:51:05	18.73	51.16	33.66	7.03	7.97	11.1	1.573	92.1	4.4	1.0
1126	6/5/2016 09:06:05	18.65	51.17	33.67	7.05	7.97	10.4	1.665	92.3	4.6	1.1
1127	6/5/2016 09:21:05	18.51	51.22	33.70	7.07	7.98	11.7	1.773	92.2	4.3	1.0
1128	6/5/2016 09:36:05	17.69	51.26	33.73	7.06	7.96	12.5	1.859	90.8	3.9	0.9
1129	6/5/2016 09:51:05	17.38	51.29	33.75	7.09	7.96	9.7	1.992	90.6	4.0	0.9
1130	6/5/2016 10:06:06	17.30	51.29	33.75	7.16	7.96	11.0	2.099	91.3	3.9	0.9
1131	6/5/2016 10:21:06	17.11	51.32	33.76	7.16	7.96	10.4	2.227	91.1	3.9	0.9
1132	6/5/2016 10:36:05	16.91	51.32	33.76	7.22	7.96	11.6	2.344	91.5	4.2	1.0
1133	6/5/2016 10:51:05	16.67	51.31	33.75	7.21	7.95	12.0	2.455	90.9	3.9	0.9
1134	6/5/2016 11:06:06	16.42	51.32	33.76	7.17	7.95	13.3	2.578	90.0	3.8	0.9
1135	6/5/2016 11:21:06	16.10	51.32	33.76	7.15	7.94	15.1	2.677	89.2	4.2	1.0
1136	6/5/2016 11:36:06	15.68	51.31	33.74	7.15	7.94	17.3	2.783	88.4	4.5	1.1
1137	6/5/2016 11:51:05	14.87	51.41	33.80	7.12	7.93	17.7	2.884	86.6	4.2	1.0
1138	6/5/2016 12:06:06	13.80	51.49	33.82	7.09	7.92	16.6	2.977	84.5	4.9	1.2
1139	6/5/2016 12:21:05	13.38	51.55	33.85	7.07	7.92	18.9	3.075	83.5	5.0	1.2
1140	6/5/2016 12:36:05	13.23	51.55	33.84	7.12	7.92	19.7	3.165	83.8	4.9	1.2
1141	6/5/2016 12:51:06	13.06	51.57	33.85	7.11	7.92	17.7	3.242	83.5	5.2	1.2
1142	6/5/2016 13:06:05	12.69	51.61	33.86	7.27	7.93	13.1	3.323	84.6	6.6	1.6
1143	6/5/2016 13:21:05	12.35	51.66	33.88	7.56	7.95	9.4	3.385	87.5	7.0	1.7
1144	6/5/2016 13:36:05	12.12	51.66	33.87	7.87	7.97	7.0	3.430	90.5	8.6	2.0
1145	6/5/2016 13:51:05	12.01	51.65	33.86	7.97	7.98	3.5	3.448	91.6	10.2	2.4
1146	6/5/2016 14:06:05	11.93	51.66	33.86	7.72	7.97	4.3	3.459	88.5	8.6	2.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	6/5/2016 14:21:05	12.29	51.57	33.82	7.75	7.97	5.1	3.433	89.4	5.7	1.3
1148	6/5/2016 14:36:05	12.24	51.58	33.82	7.74	7.97	8.5	3.373	89.3	6.3	1.5
1149	6/5/2016 14:51:05	12.84	51.60	33.86	7.50	7.96	10.0	3.295	87.7	5.1	1.2
1150	6/5/2016 15:06:05	13.82	51.53	33.84	7.69	7.98	9.5	3.213	91.6	5.0	1.2
1151	6/5/2016 15:21:05	13.94	51.52	33.84	7.91	7.99	9.8	3.122	94.5	4.9	1.2
1152	6/5/2016 15:36:05	15.33	51.40	33.80	7.67	7.98	13.6	3.019	94.1	5.1	1.2
1153	6/5/2016 15:51:06	15.74	51.37	33.78	7.79	7.99	11.5	2.923	96.4	4.1	1.0
1154	6/5/2016 16:06:06	16.15	51.33	33.76	7.85	8.00	9.7	2.831	98.0	4.0	1.0
1155	6/5/2016 16:21:05	16.37	51.35	33.78	7.94	8.00	8.7	2.740	99.6	3.5	0.8
1156	6/5/2016 16:36:05	16.58	51.32	33.76	7.75	7.99	9.8	2.640	97.5	4.4	1.0
1157	6/5/2016 16:51:05	16.83	51.28	33.74	7.83	8.00	8.6	2.556	99.0	4.7	1.1
1158	6/5/2016 17:06:05	17.15	51.26	33.73	7.94	8.00	8.3	2.473	101.0	4.6	1.1
1159	6/5/2016 17:21:05	17.08	51.28	33.74	8.12	8.04	8.3	2.392	103.1	4.2	1.0
1160	6/5/2016 17:36:06	17.52	51.25	33.72	8.48	8.05	7.5	2.321	108.6	4.9	1.2
1161	6/5/2016 17:51:05	18.13	51.26	33.73	8.04	8.02	7.7	2.254	104.1	4.9	1.2
1162	6/5/2016 18:06:05	18.26	51.18	33.68	8.20	8.04	6.9	2.196	106.5	5.6	1.3
1163	6/5/2016 18:21:05	18.25	51.29	33.75	8.52	8.07	6.8	2.159	110.7	5.6	1.3
1164	6/5/2016 18:36:05	18.53	51.26	33.73	8.20	8.05	6.4	2.141	107.0	5.4	1.3
1165	6/5/2016 18:51:05	18.69	51.22	33.70	7.90	8.03	8.1	2.135	103.4	6.7	1.6
1166	6/5/2016 19:06:05	18.69	51.23	33.71	7.95	8.02	6.7	2.147	104.1	6.0	1.4
1167	6/5/2016 19:21:05	18.50	51.24	33.72	8.03	8.03	9.8	2.190	104.7	6.1	1.5
1168	6/5/2016 19:36:05	18.41	51.25	33.72	7.79	8.00	6.5	2.244	101.5	5.7	1.4
1169	6/5/2016 19:51:05	18.10	51.25	33.73	7.72	7.99	8.7	2.305	100.0	4.7	1.1
1170	6/5/2016 20:06:05	18.19	51.21	33.69	7.81	8.00	11.2	2.395	101.3	5.2	1.2
1171	6/5/2016 20:21:05	17.65	51.21	33.69	7.63	7.98	10.8	2.481	98.0	5.5	1.3
1172	6/5/2016 20:36:05	17.23	51.22	33.69	7.67	7.98	9.8	2.572	97.7	4.9	1.2
1173	6/5/2016 20:51:06	16.63	51.24	33.71	7.68	7.97	10.0	2.661	96.7	5.1	1.2
1174	6/5/2016 21:06:05	15.57	51.30	33.73	7.59	7.96	8.9	2.758	93.6	4.8	1.1
1175	6/5/2016 21:21:05	15.38	51.29	33.72	7.59	7.96	8.9	2.854	93.3	4.7	1.1
1176	6/5/2016 21:36:05	15.11	51.32	33.73	7.64	7.96	8.6	2.938	93.3	4.6	1.1
1177	6/5/2016 21:51:05	15.01	51.32	33.73	7.66	7.96	9.6	3.044	93.5	5.2	1.2
1178	6/5/2016 22:06:05	14.43	51.36	33.74	7.74	7.97	11.4	3.140	93.4	5.2	1.2
1179	6/5/2016 22:21:06	14.07	51.38	33.75	7.83	7.97	11.6	3.236	93.7	5.2	1.2
1180	6/5/2016 22:36:05	13.29	51.42	33.75	8.13	7.99	13.1	3.353	95.8	6.0	1.4
1181	6/5/2016 22:51:05	12.69	51.47	33.76	8.31	8.00	12.3	3.459	96.8	5.8	1.4
1182	6/5/2016 23:06:05	11.97	51.54	33.78	8.50	8.02	10.5	3.566	97.5	5.6	1.3
1183	6/5/2016 23:21:06	11.62	51.61	33.81	8.72	8.03	10.3	3.663	99.3	7.4	1.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	6/5/2016 23:36:05	11.41	51.62	33.80	9.03	8.05	11.2	3.769	102.3	13.1	3.1
1185	6/5/2016 23:51:05	11.37	51.62	33.80	9.05	8.06	6.4	3.860	102.5	12.5	3.0
1186	6/6/2016 00:06:05	11.27	51.67	33.84	9.12	8.06	5.7	3.931	103.1	12.0	2.8
1187	6/6/2016 00:21:05	11.14	51.68	33.83	9.09	8.06	5.2	3.993	102.4	15.6	3.7
1188	6/6/2016 00:36:05	10.98	51.73	33.86	9.10	8.07	4.0	4.044	102.3	18.5	4.4
1189	6/6/2016 00:51:05	10.94	51.72	33.85	9.06	8.06	4.0	4.066	101.7	16.1	3.8
1190	6/6/2016 01:06:05	10.96	51.59	33.76	8.85	8.05	2.2	4.079	99.4	12.3	2.9
1191	6/6/2016 01:21:05	11.26	51.58	33.77	8.83	8.05	3.9	4.058	99.8	11.8	2.8
1192	6/6/2016 01:36:05	11.11	51.60	33.78	9.00	8.06	3.5	4.001	101.4	13.5	3.2
1193	6/6/2016 01:51:05	11.40	51.60	33.79	8.87	8.05	5.3	3.936	100.5	11.8	2.8
1194	6/6/2016 02:06:05	11.55	51.58	33.78	8.78	8.04	7.5	3.840	99.7	10.1	2.4
1195	6/6/2016 02:21:05	11.73	51.62	33.82	8.72	8.04	5.8	3.740	99.5	13.7	3.3
1196	6/6/2016 02:36:05	12.19	51.58	33.82	8.48	8.03	6.3	3.603	97.7	9.3	2.2
1197	6/6/2016 02:51:04	13.23	51.44	33.76	7.95	7.99	14.5	3.480	93.5	4.9	1.2
1198	6/6/2016 03:06:05	13.36	51.47	33.78	7.84	7.99	10.0	3.366	92.6	4.6	1.1
1199	6/6/2016 03:21:05	13.66	51.44	33.77	7.72	7.98	9.8	3.217	91.7	4.5	1.1
1200	6/6/2016 03:36:06	14.03	51.41	33.76	7.59	7.97	9.9	3.081	90.8	4.5	1.1
1201	6/6/2016 03:51:05	14.28	51.36	33.74	7.56	7.97	10.1	2.934	90.9	5.0	1.2
1202	6/6/2016 04:06:05	14.30	51.56	33.89	7.61	7.97	10.2	2.790	91.6	4.4	1.0
1203	6/6/2016 04:21:05	14.41	51.33	33.72	7.58	7.97	8.9	2.633	91.4	5.0	1.2
1204	6/6/2016 04:36:06	15.91	51.28	33.72	7.37	7.97	12.3	2.481	91.5	4.5	1.1
1205	6/6/2016 04:51:05	15.64	51.04	33.54	7.43	7.96	12.2	2.296	91.6	4.6	1.1
1206	6/6/2016 05:06:05	16.41	51.35	33.78	7.25	7.96	13.7	2.151	90.9	4.9	1.2
1207	6/6/2016 05:21:06	16.49	51.33	33.76	7.20	7.96	12.7	1.990	90.4	5.0	1.2
1208	6/6/2016 05:36:06	16.92	51.29	33.74	7.14	7.96	15.1	1.819	90.4	4.7	1.1
1209	6/6/2016 05:51:06	17.01	51.32	33.77	7.09	7.95	14.3	1.644	90.0	4.9	1.2
1210	6/6/2016 06:06:05	17.39	51.30	33.75	7.07	7.96	13.7	1.480	90.3	4.7	1.1
1211	6/6/2016 06:21:05	17.60	51.29	33.75	7.04	7.96	14.5	1.322	90.4	4.4	1.0
1212	6/6/2016 06:36:06	17.55	51.30	33.76	7.04	7.96	14.1	1.146	90.3	4.5	1.1
1213	6/6/2016 06:51:05	17.84	51.23	33.71	6.97	7.96	16.4	1.005	89.8	4.6	1.1
1214	6/6/2016 07:06:05	17.85	51.27	33.74	6.89	7.95	15.5	0.884	88.9	4.7	1.1
1215	6/6/2016 07:21:05	17.85	51.26	33.73	6.77	7.94	19.7	0.811	87.3	4.7	1.1
1216	6/6/2016 07:36:05	17.71	51.26	33.73	6.97	7.94	12.5	0.802	89.6	4.7	1.1
1217	6/6/2016 07:51:05	18.47	51.30	33.76	6.86	7.96	10.9	0.866	89.5	5.1	1.2
1218	6/6/2016 08:06:05	18.26	51.22	33.71	6.94	7.96	9.4	0.970	90.1	5.2	1.2
1219	6/6/2016 08:21:05	18.48	51.26	33.74	6.93	7.96	10.0	1.072	90.4	5.2	1.2
1220	6/6/2016 08:36:05	18.35	51.26	33.74	6.95	7.96	8.9	1.185	90.5	5.0	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	6/6/2016 08:51:05	18.33	50.99	33.53	6.81	7.94	12.0	1.285	88.5	5.3	1.3
1222	6/6/2016 09:06:05	18.32	50.92	33.48	6.70	7.93	13.3	1.361	87.0	4.5	1.1
1223	6/6/2016 09:21:05	18.17	51.00	33.54	6.71	7.93	12.6	1.441	87.0	4.4	1.1
1224	6/6/2016 09:36:05	18.02	51.09	33.60	6.81	7.94	11.2	1.547	88.0	5.0	1.2
1225	6/6/2016 09:51:05	17.95	51.09	33.60	6.80	7.93	10.6	1.639	87.8	4.1	1.0
1226	6/6/2016 10:06:05	17.84	51.13	33.63	6.78	7.93	11.2	1.732	87.3	4.1	1.0
1227	6/6/2016 10:21:05	17.27	51.15	33.65	6.90	7.93	11.5	1.838	87.9	4.1	1.0
1228	6/6/2016 10:36:06	16.99	51.20	33.68	7.02	7.94	11.1	1.959	89.0	3.6	0.9
1229	6/6/2016 10:51:05	16.70	51.22	33.69	7.14	7.94	10.4	2.068	90.1	3.6	0.9
1230	6/6/2016 11:06:06	16.67	51.22	33.69	7.18	7.94	10.5	2.189	90.5	4.2	1.0
1231	6/6/2016 11:21:06	16.50	51.19	33.67	7.20	7.94	12.4	2.312	90.4	4.3	1.0
1232	6/6/2016 11:36:05	16.32	51.22	33.69	7.29	7.95	13.0	2.429	91.3	3.9	0.9
1233	6/6/2016 11:51:06	16.12	51.21	33.67	7.28	7.95	13.0	2.540	90.8	4.1	1.0
1234	6/6/2016 12:06:06	15.79	51.19	33.65	7.33	7.95	14.4	2.646	90.7	4.1	1.0
1235	6/6/2016 12:21:06	15.29	51.20	33.65	7.53	7.95	18.4	2.755	92.3	4.2	1.0
1236	6/6/2016 12:36:05	14.38	51.23	33.65	7.65	7.96	19.8	2.847	92.1	4.6	1.1
1237	6/6/2016 12:51:05	13.68	51.36	33.72	7.84	7.97	18.8	2.958	93.1	6.0	1.4
1238	6/6/2016 13:06:05	13.46	51.34	33.69	7.93	7.97	21.9	3.052	93.8	5.7	1.4
1239	6/6/2016 13:21:06	13.28	51.38	33.72	8.03	7.98	21.6	3.146	94.6	6.7	1.6
1240	6/6/2016 13:36:05	12.79	51.40	33.71	8.23	7.99	17.1	3.239	96.0	7.8	1.9
1241	6/6/2016 13:51:05	12.36	51.44	33.73	8.39	8.00	13.0	3.323	96.9	7.1	1.7
1242	6/6/2016 14:06:05	12.12	51.47	33.74	8.62	8.02	8.4	3.390	99.1	8.5	2.0
1243	6/6/2016 14:21:05	11.97	51.48	33.74	9.00	8.05	5.6	3.441	103.2	10.6	2.5
1244	6/6/2016 14:36:05	11.86	51.49	33.74	9.29	8.06	3.7	3.487	106.3	14.8	3.5
1245	6/6/2016 14:51:05	11.86	51.47	33.72	9.16	8.06	3.4	3.496	104.7	18.7	4.4
1246	6/6/2016 15:06:05	12.10	51.48	33.74	8.99	8.05	4.8	3.476	103.4	8.7	2.1
1247	6/6/2016 15:21:05	11.98	51.41	33.68	9.07	8.05	7.2	3.447	104.0	8.2	1.9
1248	6/6/2016 15:36:05	13.22	51.33	33.68	8.71	8.03	5.9	3.391	102.4	5.2	1.2
1249	6/6/2016 15:51:05	13.08	51.37	33.70	8.51	8.01	10.1	3.308	99.8	5.7	1.3
1250	6/6/2016 16:06:05	13.48	51.40	33.74	8.54	8.02	8.3	3.210	101.0	5.5	1.3
1251	6/6/2016 16:21:05	13.41	51.43	33.76	8.99	8.06	7.3	3.108	106.2	6.9	1.6
1252	6/6/2016 16:36:05	14.51	51.28	33.69	8.59	8.03	8.8	3.029	103.7	4.6	1.1
1253	6/6/2016 16:51:05	15.37	51.25	33.69	8.44	8.03	8.6	2.922	103.7	5.2	1.2
1254	6/6/2016 17:06:06	15.83	51.22	33.68	8.50	8.03	9.1	2.818	105.4	4.5	1.1
1255	6/6/2016 17:21:05	16.17	51.20	33.66	8.63	8.04	7.8	2.746	107.6	4.5	1.1
1256	6/6/2016 17:36:05	16.51	51.15	33.64	8.62	8.04	7.6	2.650	108.3	4.1	1.0
1257	6/6/2016 17:51:06	16.75	51.18	33.66	8.52	8.03	7.6	2.576	107.5	4.4	1.0

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
1258	6/6/2016 18:06:06	16.83	51.16	33.65	8.34	8.03	7.1	2.496	105.4	4.4	1.0
1259	6/6/2016 18:21:05	17.10	51.14	33.64	8.23	8.02	7.2	2.434	104.6	4.6	1.1
1260	6/6/2016 18:36:06	17.34	51.16	33.65	8.41	8.04	6.8	2.381	107.3	4.4	1.0
1261	6/6/2016 18:51:05	17.59	51.11	33.62	8.26	8.03	7.2	2.330	105.9	4.6	1.1
1262	6/6/2016 19:06:06	17.82	51.08	33.60	8.11	8.02	6.9	2.272	104.4	4.1	1.0
1263	6/6/2016 19:21:05	17.99	51.11	33.62	8.06	8.02	6.8	2.248	104.2	4.9	1.2
1264	6/6/2016 19:36:05	18.11	51.10	33.61	8.14	8.02	7.2	2.243	105.3	4.8	1.1
1265	6/6/2016 19:51:05	18.06	51.11	33.62	8.02	8.01	15.5	2.236	103.8	4.5	1.1
1266	6/6/2016 20:06:05	18.22	51.09	33.61	8.02	8.00	13.3	2.243	104.0	4.7	1.1
1267	6/6/2016 20:21:05	18.02	51.11	33.62	8.03	8.00	8.6	2.290	103.8	4.2	1.0
1268	6/6/2016 20:36:05	17.77	51.15	33.65	8.04	8.00	7.2	2.341	103.4	4.5	1.1
1269	6/6/2016 20:51:05	17.48	51.17	33.66	7.99	7.99	8.7	2.390	102.2	4.9	1.2
1270	6/6/2016 21:06:05	17.19	51.11	33.61	7.93	7.99	7.9	2.472	100.9	4.3	1.0
1271	6/6/2016 21:21:06	16.89	51.09	33.60	8.06	8.00	8.6	2.555	101.9	4.7	1.1
1272	6/6/2016 21:36:06	16.67	51.09	33.59	8.08	8.00	8.4	2.638	101.7	4.8	1.1
1273	6/6/2016 21:51:06	15.98	51.13	33.61	8.16	8.00	8.8	2.731	101.4	4.7	1.1
1274	6/6/2016 22:06:06	15.62	51.16	33.63	8.00	7.99	8.3	2.824	98.7	5.1	1.2
1275	6/6/2016 22:21:05	15.29	51.15	33.61	7.98	7.98	7.3	2.919	97.8	5.4	1.3
1276	6/6/2016 22:36:06	14.97	51.17	33.62	8.10	7.99	8.7	3.014	98.7	4.2	1.0
1277	6/6/2016 22:51:05	14.43	51.19	33.62	8.24	8.00	8.9	3.116	99.2	4.7	1.1
1278	6/6/2016 23:06:05	13.89	51.24	33.64	8.37	8.00	9.0	3.210	99.8	4.6	1.1
1279	6/6/2016 23:21:06	13.49	51.27	33.64	8.51	8.02	11.5	3.313	100.6	4.8	1.1
1280	6/6/2016 23:36:05	12.83	51.32	33.65	8.84	8.04	10.9	3.417	103.1	5.0	1.2
1281	6/6/2016 23:51:05	12.29	51.36	33.66	9.04	8.06	9.7	3.518	104.3	6.3	1.5
1282	6/7/2016 00:06:05	11.93	51.44	33.71	9.15	8.06	8.7	3.610	104.8	5.7	1.3
1283	6/7/2016 00:21:06	11.73	51.47	33.71	9.27	8.08	7.2	3.700	105.7	5.8	1.4
1284	6/7/2016 00:36:05	11.67	51.45	33.69	9.46	8.09	7.9	3.787	107.7	8.4	2.0
1285	6/7/2016 00:51:05	11.60	51.40	33.65	9.63	8.10	6.3	3.847	109.4	10.8	2.6
1286	6/7/2016 01:06:05	11.60	51.37	33.64	9.69	8.11	4.5	3.910	110.1	13.7	3.3
1287	6/7/2016 01:21:05	11.52	51.44	33.68	9.73	8.11	3.6	3.960	110.4	12.4	2.9
1288	6/7/2016 01:36:05	11.49	51.43	33.67	9.69	8.10	3.3	3.983	109.9	12.5	3.0
1289	6/7/2016 01:51:05	11.48	51.44	33.68	9.48	8.09	3.0	3.995	107.5	16.8	4.0
1290	6/7/2016 02:06:05	11.51	51.48	33.71	9.54	8.10	2.9	3.989	108.2	10.0	2.4
1291	6/7/2016 02:21:05	12.06	50.90	33.31	9.45	8.08	3.7	3.956	108.2	9.3	2.2
1292	6/7/2016 02:36:05	12.47	51.18	33.54	9.05	8.08	4.7	3.892	104.7	8.8	2.1
1293	6/7/2016 02:51:05	12.02	51.09	33.45	9.25	8.08	5.4	3.823	106.0	7.7	1.8
1294	6/7/2016 03:06:06	12.14	51.12	33.48	8.92	8.06	5.4	3.725	102.5	5.5	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	6/7/2016 03:21:05	12.51	51.19	33.55	8.67	8.04	6.4	3.600	100.4	5.0	1.2
1296	6/7/2016 03:36:06	13.43	51.10	33.52	8.32	8.02	8.4	3.493	98.2	5.0	1.2
1297	6/7/2016 03:51:05	13.33	51.12	33.53	8.42	8.03	8.9	3.368	99.1	4.7	1.1
1298	6/7/2016 04:06:05	13.51	51.13	33.55	8.33	8.02	9.7	3.226	98.4	4.3	1.0
1299	6/7/2016 04:21:05	13.82	51.14	33.56	8.22	8.01	9.2	3.090	97.8	4.2	1.0
1300	6/7/2016 04:36:06	14.30	50.98	33.46	8.06	8.00	9.7	2.944	96.8	4.1	1.0
1301	6/7/2016 04:51:05	14.63	51.04	33.51	7.99	8.00	10.2	2.824	96.5	4.2	1.0
1302	6/7/2016 05:06:05	15.03	51.15	33.60	7.88	7.99	10.9	2.660	96.1	3.5	0.8
1303	6/7/2016 05:21:05	15.27	51.08	33.56	7.78	7.99	13.9	2.515	95.3	4.4	1.0
1304	6/7/2016 05:36:06	15.74	51.06	33.55	7.65	7.98	14.5	2.358	94.5	4.4	1.0
1305	6/7/2016 05:51:05	15.37	51.06	33.55	7.68	7.97	15.1	2.204	94.3	4.5	1.1
1306	6/7/2016 06:06:05	16.73	51.08	33.59	7.43	7.97	19.1	2.059	93.7	4.3	1.0
1307	6/7/2016 06:21:05	16.67	51.04	33.56	7.42	7.96	20.2	1.876	93.4	4.8	1.1
1308	6/7/2016 06:36:05	17.13	51.01	33.54	7.31	7.96	22.5	1.723	92.8	4.5	1.1
1309	6/7/2016 06:51:05	17.11	51.02	33.55	7.29	7.96	20.3	1.557	92.6	4.7	1.1
1310	6/7/2016 07:06:05	17.43	51.01	33.54	7.28	7.96	18.2	1.403	93.0	4.4	1.0
1311	6/7/2016 07:21:05	17.45	50.99	33.53	7.26	7.96	22.6	1.249	92.7	4.9	1.2
1312	6/7/2016 07:36:05	17.59	50.94	33.49	7.22	7.96	20.6	1.101	92.5	5.0	1.2
1313	6/7/2016 07:51:05	17.71	50.98	33.53	7.17	7.95	17.3	1.008	92.0	4.4	1.0
1314	6/7/2016 08:06:05	17.78	50.99	33.53	7.10	7.95	15.9	0.901	91.3	4.7	1.1
1315	6/7/2016 08:21:06	17.60	50.88	33.45	7.22	7.94	14.2	0.895	92.5	3.9	0.9
1316	6/7/2016 08:36:06	17.90	50.99	33.53	7.14	7.95	11.9	0.932	92.0	4.5	1.1
1317	6/7/2016 08:51:05	17.88	50.96	33.51	7.14	7.95	11.0	1.009	92.0	4.1	1.0
1318	6/7/2016 09:06:05	18.34	50.95	33.50	7.08	7.96	11.5	1.130	92.0	4.4	1.0
1319	6/7/2016 09:21:05	18.31	50.93	33.49	7.16	7.96	11.4	1.226	92.9	5.2	1.2
1320	6/7/2016 09:36:05	18.33	50.66	33.29	6.98	7.94	13.5	1.322	90.5	5.1	1.2
1321	6/7/2016 09:51:05	18.36	50.60	33.25	6.86	7.93	15.3	1.406	89.0	5.0	1.2
1322	6/7/2016 10:06:05	18.19	50.67	33.30	6.92	7.93	15.4	1.491	89.6	4.6	1.1
1323	6/7/2016 10:21:05	17.96	50.82	33.40	7.03	7.94	13.0	1.596	90.7	4.1	1.0
1324	6/7/2016 10:36:05	17.90	50.83	33.41	7.02	7.94	13.3	1.684	90.4	4.0	0.9
1325	6/7/2016 10:51:05	17.78	50.83	33.42	7.01	7.94	12.9	1.772	90.1	4.0	0.9
1326	6/7/2016 11:06:05	17.36	50.86	33.43	7.15	7.94	11.0	1.881	91.1	3.4	0.8
1327	6/7/2016 11:21:05	16.92	50.86	33.43	7.30	7.95	12.3	2.001	92.3	3.2	0.8
1328	6/7/2016 11:36:06	16.66	50.85	33.42	7.39	7.95	11.4	2.103	92.9	3.7	0.9
1329	6/7/2016 11:51:06	16.58	50.88	33.44	7.41	7.96	11.5	2.220	93.1	3.6	0.9
1330	6/7/2016 12:06:05	16.44	50.89	33.44	7.48	7.96	11.4	2.346	93.7	4.0	0.9
1331	6/7/2016 12:21:06	16.25	50.88	33.43	7.51	7.96	14.7	2.453	93.7	4.6	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	6/7/2016 12:36:05	16.03	50.87	33.42	7.54	7.96	17.0	2.567	93.6	4.2	1.0
1333	6/7/2016 12:51:05	15.77	50.86	33.41	7.61	7.96	17.5	2.672	94.0	4.5	1.1
1334	6/7/2016 13:06:05	15.35	50.85	33.39	7.78	7.97	20.2	2.771	95.3	4.0	1.0
1335	6/7/2016 13:21:05	15.04	50.90	33.42	7.87	7.97	18.1	2.876	95.9	5.2	1.2
1336	6/7/2016 13:36:05	14.13	50.89	33.39	8.16	7.99	17.9	2.974	97.6	6.1	1.4
1337	6/7/2016 13:51:05	13.71	50.97	33.43	8.28	8.01	18.4	3.065	98.2	6.3	1.5
1338	6/7/2016 14:06:05	13.46	50.97	33.43	8.44	8.02	19.1	3.158	99.6	7.3	1.7
1339	6/7/2016 14:21:05	13.12	50.90	33.36	8.63	8.03	21.9	3.249	101.1	8.3	2.0
1340	6/7/2016 14:36:05	12.81	51.12	33.51	8.90	8.05	16.0	3.327	103.7	9.7	2.3
1341	6/7/2016 14:51:05	12.64	51.17	33.54	9.08	8.07	10.3	3.397	105.4	10.2	2.4
1342	6/7/2016 15:06:05	12.44	51.18	33.53	9.42	8.09	7.5	3.451	108.9	10.8	2.6
1343	6/7/2016 15:21:05	12.37	51.16	33.52	9.48	8.10	4.8	3.491	109.4	11.2	2.7
1344	6/7/2016 15:36:05	12.32	51.17	33.53	9.43	8.09	3.9	3.511	108.8	13.8	3.3
1345	6/7/2016 15:51:05	12.36	51.09	33.47	9.43	8.09	5.1	3.505	108.8	11.8	2.8
1346	6/7/2016 16:06:05	12.41	50.92	33.35	9.53	8.10	6.4	3.468	110.0	9.5	2.2
1347	6/7/2016 16:21:05	12.72	51.00	33.41	9.33	8.09	7.2	3.417	108.4	9.8	2.3
1348	6/7/2016 16:36:05	13.33	50.91	33.38	8.95	8.06	7.4	3.342	105.4	6.9	1.6
1349	6/7/2016 16:51:05	14.12	50.95	33.43	9.26	8.10	8.1	3.250	110.7	7.1	1.7
1350	6/7/2016 17:06:06	14.54	51.00	33.49	9.11	8.08	10.5	3.164	109.9	7.5	1.8
1351	6/7/2016 17:21:05	15.12	50.88	33.41	8.73	8.05	12.2	3.064	106.5	6.2	1.5
1352	6/7/2016 17:36:06	15.30	50.84	33.39	8.69	8.05	9.7	2.984	106.4	4.9	1.2
1353	6/7/2016 17:51:05	15.54	50.78	33.35	8.64	8.04	8.7	2.899	106.2	5.8	1.4
1354	6/7/2016 18:06:05	15.61	50.89	33.43	8.45	8.02	8.9	2.803	104.1	6.6	1.6
1355	6/7/2016 18:21:05	15.91	50.82	33.38	8.47	8.02	7.3	2.726	104.9	5.7	1.4
1356	6/7/2016 18:36:06	16.20	50.72	33.31	8.73	8.04	6.7	2.653	108.7	4.8	1.1
1357	6/7/2016 18:51:05	16.51	50.75	33.34	8.35	8.02	6.9	2.578	104.7	4.6	1.1
1358	6/7/2016 19:06:06	16.71	50.76	33.35	8.38	8.02	6.9	2.518	105.4	4.8	1.1
1359	6/7/2016 19:21:05	17.00	50.79	33.38	8.17	8.01	6.7	2.458	103.4	4.3	1.0
1360	6/7/2016 19:36:05	17.05	50.78	33.37	8.24	8.02	6.2	2.402	104.4	4.8	1.1
1361	6/7/2016 19:51:05	16.91	50.74	33.34	9.24	8.09	6.4	2.351	116.7	4.9	1.2
1362	6/7/2016 20:06:05	17.44	50.70	33.32	8.62	8.04	6.4	2.316	110.0	4.4	1.0
1363	6/7/2016 20:21:06	17.60	50.74	33.35	8.11	8.01	6.3	2.297	103.8	5.0	1.2
1364	6/7/2016 20:36:05	17.84	50.75	33.35	7.79	7.99	6.1	2.285	100.2	5.1	1.2
1365	6/7/2016 20:51:05	17.90	50.73	33.34	7.75	7.98	7.3	2.295	99.8	5.9	1.4
1366	6/7/2016 21:06:05	17.71	50.81	33.40	7.97	7.99	6.5	2.328	102.2	5.6	1.3
1367	6/7/2016 21:21:05	17.57	50.79	33.38	7.97	8.00	6.7	2.371	101.9	5.5	1.3
1368	6/7/2016 21:36:05	17.45	50.91	33.47	7.96	7.99	7.5	2.423	101.6	5.0	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1369	6/7/2016 21:51:05	17.65	50.87	33.44	8.05	8.01	11.2	2.492	103.2	4.5	1.1
1370	6/7/2016 22:06:06	17.12	50.88	33.45	8.03	8.00	8.6	2.569	101.9	4.7	1.1
1371	6/7/2016 22:21:06	16.81	50.82	33.40	8.08	8.00	8.2	2.654	101.9	4.4	1.0
1372	6/7/2016 22:36:05	16.34	50.87	33.43	8.16	8.00	8.9	2.729	102.0	4.5	1.1
1373	6/7/2016 22:51:06	15.52	51.05	33.54	8.36	8.02	7.9	2.813	102.9	5.3	1.3
1374	6/7/2016 23:06:06	15.08	51.05	33.53	8.42	8.02	7.6	2.898	102.7	4.9	1.2
1375	6/7/2016 23:21:06	14.88	51.07	33.54	8.45	8.03	7.1	2.980	102.7	5.5	1.3
1376	6/7/2016 23:36:05	14.75	51.11	33.57	8.41	8.03	7.5	3.061	102.0	5.1	1.2
1377	6/7/2016 23:51:06	14.49	51.08	33.54	8.54	8.04	7.8	3.155	103.0	4.8	1.1
1378	6/8/2016 00:06:06	14.13	51.02	33.48	8.63	8.05	7.9	3.240	103.3	5.0	1.2
1379	6/8/2016 00:21:06	13.87	51.04	33.49	8.70	8.05	8.3	3.324	103.6	4.7	1.1
1380	6/8/2016 00:36:05	13.31	51.14	33.54	9.01	8.07	9.7	3.418	106.1	5.2	1.2
1381	6/8/2016 00:51:05	12.84	51.08	33.48	9.23	8.09	9.4	3.503	107.6	5.4	1.3
1382	6/8/2016 01:06:05	12.44	51.17	33.53	9.37	8.10	8.7	3.581	108.3	5.8	1.4
1383	6/8/2016 01:21:05	12.16	51.21	33.54	9.44	8.11	8.3	3.661	108.5	6.7	1.6
1384	6/8/2016 01:36:05	11.85	51.17	33.50	9.46	8.11	5.1	3.730	108.0	6.3	1.5
1385	6/8/2016 01:51:05	11.78	51.19	33.51	9.45	8.11	4.4	3.781	107.7	7.3	1.7
1386	6/8/2016 02:06:05	11.75	51.21	33.52	9.50	8.11	4.2	3.832	108.2	6.9	1.6
1387	6/8/2016 02:21:05	11.69	51.23	33.53	9.59	8.11	3.3	3.859	109.1	7.4	1.8
1388	6/8/2016 02:36:05	11.69	51.19	33.50	9.34	8.10	2.5	3.872	106.3	7.8	1.8
1389	6/8/2016 02:51:05	11.72	51.26	33.56	9.36	8.11	3.2	3.871	106.7	5.1	1.2
1390	6/8/2016 03:06:05	11.90	51.20	33.52	9.32	8.11	4.8	3.836	106.5	5.1	1.2
1391	6/8/2016 03:21:05	11.85	51.21	33.53	9.38	8.11	3.8	3.783	107.2	5.0	1.2
1392	6/8/2016 03:36:05	12.46	51.27	33.60	9.04	8.09	5.3	3.719	104.6	4.9	1.2
1393	6/8/2016 03:51:05	12.49	51.19	33.55	9.09	8.09	5.7	3.618	105.2	5.7	1.3
1394	6/8/2016 04:06:05	12.38	51.27	33.60	9.08	8.09	6.1	3.516	104.9	7.8	1.9
1395	6/8/2016 04:21:05	13.76	51.21	33.61	8.49	8.05	7.1	3.403	100.9	61.5	14.6
1396	6/8/2016 04:36:05	13.98	51.19	33.60	8.38	8.04	8.9	3.290	100.0	27.3	6.5
1397	6/8/2016 04:51:06	14.11	51.12	33.56	8.35	8.04	8.9	3.156	99.9	4.1	1.0
1398	6/8/2016 05:06:05	14.37	51.15	33.59	8.21	8.02	12.0	3.034	98.8	4.6	1.1
1399	6/8/2016 05:21:05	14.25	51.15	33.59	8.24	8.03	8.7	2.908	98.9	4.5	1.1
1400	6/8/2016 05:36:05	14.40	51.11	33.56	8.18	8.02	9.0	2.779	98.5	4.3	1.0
1401	6/8/2016 05:51:05	15.59	51.09	33.58	7.86	8.00	10.0	2.631	96.8	3.7	0.9
1402	6/8/2016 06:06:06	15.32	51.08	33.56	7.84	8.00	9.2	2.489	96.1	3.7	0.9
1403	6/8/2016 06:21:06	16.24	51.09	33.59	7.54	7.98	11.7	2.362	94.2	4.0	0.9
1404	6/8/2016 06:36:06	16.13	51.13	33.61	7.51	7.97	11.5	2.184	93.6	4.4	1.1
1405	6/8/2016 06:51:06	16.36	51.12	33.61	7.43	7.97	12.5	2.056	93.1	3.6	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
1406	6/8/2016 07:06:05	16.85	51.12	33.62	7.31	7.96	11.1	1.914	92.4	3.7	0.9
1407	6/8/2016 07:21:05	16.97	51.11	33.61	7.23	7.95	11.8	1.744	91.5	4.0	0.9
1408	6/8/2016 07:36:05	17.17	51.10	33.61	7.22	7.95	12.5	1.589	91.8	4.2	1.0
1409	6/8/2016 07:51:05	17.18	51.03	33.56	7.24	7.95	12.4	1.460	92.1	3.9	0.9
1410	6/8/2016 08:06:05	17.14	51.09	33.60	7.28	7.96	11.5	1.312	92.4	4.4	1.0
1411	6/8/2016 08:21:05	17.21	51.05	33.57	7.24	7.95	11.1	1.185	92.2	3.9	0.9
1412	6/8/2016 08:36:06	17.19	51.04	33.56	7.26	7.95	16.4	1.090	92.3	4.1	1.0
1413	6/8/2016 08:51:05	17.44	51.04	33.57	7.17	7.95	11.9	1.024	91.7	4.0	0.9
1414	6/8/2016 09:06:05	17.33	51.04	33.57	7.28	7.95	13.4	1.024	92.8	4.5	1.1
1415	6/8/2016 09:21:05	17.77	51.10	33.61	7.13	7.94	10.2	1.057	91.6	4.7	1.1
1416	6/8/2016 09:36:05	17.73	51.13	33.64	7.11	7.94	9.2	1.150	91.4	4.8	1.1
1417	6/8/2016 09:51:05	18.19	51.17	33.67	6.90	7.94	10.6	1.231	89.5	4.8	1.1
1418	6/8/2016 10:06:05	18.10	51.08	33.60	6.96	7.94	9.6	1.314	90.1	5.0	1.2
1419	6/8/2016 10:21:05	18.39	50.77	33.37	6.68	7.92	13.5	1.402	86.8	4.9	1.2
1420	6/8/2016 10:36:05	18.25	50.79	33.38	6.68	7.92	12.3	1.488	86.6	4.4	1.0
1421	6/8/2016 10:51:05	18.04	50.87	33.44	6.73	7.92	12.0	1.574	86.9	4.1	1.0
1422	6/8/2016 11:06:05	17.85	50.94	33.49	6.85	7.92	10.8	1.645	88.2	4.2	1.0
1423	6/8/2016 11:21:05	17.81	50.99	33.53	6.89	7.93	11.3	1.746	88.7	4.3	1.0
1424	6/8/2016 11:36:05	17.78	50.99	33.53	6.84	7.92	10.7	1.826	87.9	4.0	1.0
1425	6/8/2016 11:51:06	17.45	51.07	33.59	6.89	7.92	10.7	1.931	88.1	3.9	0.9
1426	6/8/2016 12:06:05	16.91	51.03	33.55	7.20	7.94	10.2	2.040	91.1	3.3	0.8
1427	6/8/2016 12:21:05	16.76	51.07	33.58	7.36	7.95	9.8	2.131	92.8	3.6	0.9
1428	6/8/2016 12:36:05	16.60	51.06	33.57	7.46	7.96	8.5	2.291	93.8	4.0	0.9
1429	6/8/2016 12:51:05	16.56	51.07	33.58	7.50	7.96	9.4	2.371	94.2	3.9	0.9
1430	6/8/2016 13:06:05	16.34	51.05	33.56	7.56	7.96	9.8	2.459	94.6	3.5	0.8
1431	6/8/2016 13:21:06	16.15	51.00	33.52	7.61	7.97	11.2	2.574	94.8	3.9	0.9
1432	6/8/2016 13:36:06	15.96	50.99	33.51	7.63	7.97	10.1	2.679	94.7	3.5	0.8
1433	6/8/2016 13:51:06	15.57	50.98	33.49	7.79	7.98	15.0	2.773	96.0	4.2	1.0
1434	6/8/2016 14:06:06	15.27	50.98	33.49	7.88	7.99	14.0	2.868	96.4	4.6	1.1
1435	6/8/2016 14:21:06	14.71	50.91	33.42	8.09	8.00	14.2	2.965	97.9	4.8	1.1
1436	6/8/2016 14:36:06	14.27	50.94	33.43	8.30	8.02	13.8	3.058	99.6	5.5	1.3
1437	6/8/2016 14:51:06	13.96	50.99	33.46	8.55	8.04	15.8	3.148	101.9	5.5	1.3
1438	6/8/2016 15:06:06	13.76	51.01	33.46	8.61	8.05	13.5	3.227	102.2	6.2	1.5
1439	6/8/2016 15:21:05	13.42	51.02	33.46	8.77	8.05	11.1	3.310	103.4	5.5	1.3
1440	6/8/2016 15:36:05	12.86	51.09	33.49	9.00	8.06	7.9	3.377	104.9	6.4	1.5
1441	6/8/2016 15:51:06	12.51	51.19	33.55	9.11	8.07	5.9	3.431	105.5	6.4	1.5
1442	6/8/2016 16:06:05	12.37	51.15	33.51	9.11	8.06	4.6	3.469	105.2	7.3	1.7

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
1443	6/8/2016 16:21:05	12.29	51.18	33.53	9.03	8.05	3.7	3.493	104.1	5.6	1.3
1444	6/8/2016 16:36:05	12.35	51.18	33.53	8.93	8.05	3.8	3.492	103.0	4.7	1.1
1445	6/8/2016 16:51:06	12.56	51.11	33.49	8.93	8.05	4.8	3.458	103.4	4.5	1.1
1446	6/8/2016 17:06:05	12.72	51.11	33.50	8.94	8.06	5.1	3.423	103.9	5.0	1.2
1447	6/8/2016 17:21:05	13.29	51.07	33.49	8.91	8.06	7.1	3.341	104.9	5.2	1.2
1448	6/8/2016 17:36:05	13.97	51.00	33.47	8.99	8.08	7.0	3.269	107.2	5.4	1.3
1449	6/8/2016 17:51:06	13.95	50.99	33.46	9.12	8.08	6.5	3.196	108.7	5.8	1.4
1450	6/8/2016 18:06:06	15.21	50.95	33.46	8.67	8.06	10.0	3.088	106.0	4.5	1.1
1451	6/8/2016 18:21:05	15.44	51.01	33.51	8.55	8.05	9.2	3.003	105.0	4.4	1.1
1452	6/8/2016 18:36:05	15.43	50.93	33.45	8.47	8.04	9.0	2.926	104.0	5.1	1.2
1453	6/8/2016 18:51:06	15.68	50.97	33.49	8.36	8.03	7.9	2.836	103.2	4.3	1.0
1454	6/8/2016 19:06:06	16.11	50.91	33.45	8.21	8.02	7.3	2.757	102.1	4.9	1.2
1455	6/8/2016 19:21:06	16.27	50.87	33.43	8.23	8.03	7.0	2.688	102.8	4.4	1.0
1456	6/8/2016 19:36:05	16.46	50.96	33.49	8.14	8.01	6.5	2.617	102.0	4.5	1.1
1457	6/8/2016 19:51:06	16.56	50.96	33.50	8.07	8.01	6.3	2.548	101.4	4.1	1.0
1458	6/8/2016 20:06:06	16.75	50.92	33.47	8.06	8.01	6.8	2.494	101.6	3.8	0.9
1459	6/8/2016 20:21:05	16.71	50.94	33.48	8.01	8.00	6.5	2.433	100.9	3.9	0.9
1460	6/8/2016 20:36:05	17.11	50.98	33.52	8.00	8.00	6.3	2.378	101.6	4.7	1.1
1461	6/8/2016 20:51:06	16.96	51.01	33.54	8.72	8.09	6.2	2.351	110.4	4.6	1.1
1462	6/8/2016 21:06:06	17.43	50.97	33.52	7.78	7.99	6.0	2.315	99.3	5.1	1.2
1463	6/8/2016 21:21:05	17.57	50.96	33.51	7.64	7.97	6.8	2.312	97.9	5.5	1.3
1464	6/8/2016 21:36:05	17.62	50.97	33.51	7.47	7.95	5.4	2.302	95.8	5.0	1.2
1465	6/8/2016 21:51:06	17.51	50.98	33.52	7.74	7.97	6.2	2.324	99.0	4.8	1.1
1466	6/8/2016 22:06:05	17.34	50.93	33.48	7.82	7.98	5.6	2.370	99.6	4.5	1.1
1467	6/8/2016 22:21:06	17.29	50.99	33.52	7.75	7.98	6.2	2.407	98.8	4.5	1.1
1468	6/8/2016 22:36:06	17.09	50.98	33.52	7.80	7.98	6.1	2.466	99.0	3.8	0.9
1469	6/8/2016 22:51:05	17.10	50.95	33.50	7.76	7.98	7.8	2.536	98.4	4.6	1.1
1470	6/8/2016 23:06:05	16.76	50.94	33.49	7.89	7.99	7.3	2.599	99.4	4.5	1.1
1471	6/8/2016 23:21:06	16.50	50.94	33.48	7.95	7.99	6.1	2.676	99.8	3.9	0.9
1472	6/8/2016 23:36:06	16.24	50.95	33.48	8.01	8.00	6.3	2.747	100.0	4.5	1.1
1473	6/8/2016 23:51:06	15.66	50.93	33.46	8.16	8.01	6.7	2.814	100.7	4.0	0.9
1474	6/9/2016 00:06:05	15.24	50.96	33.47	8.25	8.01	5.3	2.887	100.9	4.2	1.0
1475	6/9/2016 00:21:05	15.01	50.96	33.47	8.28	8.02	5.4	2.969	100.9	4.4	1.0
1476	6/9/2016 00:36:06	14.85	50.94	33.45	8.33	8.02	5.6	3.039	101.2	4.2	1.0
1477	6/9/2016 00:51:05	14.72	50.96	33.45	8.37	8.02	5.7	3.110	101.4	4.5	1.1
1478	6/9/2016 01:06:06	14.37	50.98	33.46	8.46	8.03	5.9	3.192	101.7	3.6	0.8
1479	6/9/2016 01:21:06	13.97	50.88	33.38	8.53	8.03	6.5	3.272	101.6	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1480	6/9/2016 01:36:06	13.71	51.05	33.49	8.55	8.03	6.1	3.345	101.4	4.3	1.0
1481	6/9/2016 01:51:05	13.18	51.07	33.49	8.69	8.04	6.7	3.421	102.0	3.5	0.8
1482	6/9/2016 02:06:06	12.80	51.09	33.49	8.77	8.04	5.8	3.489	102.1	3.8	0.9
1483	6/9/2016 02:21:05	12.51	51.12	33.50	8.84	8.04	6.3	3.555	102.3	3.9	0.9
1484	6/9/2016 02:36:06	12.30	51.13	33.49	8.90	8.04	5.8	3.612	102.5	4.0	1.0
1485	6/9/2016 02:51:05	12.12	51.16	33.51	8.97	8.05	5.3	3.646	103.0	3.6	0.9
1486	6/9/2016 03:06:05	12.02	51.18	33.51	9.00	8.05	5.6	3.684	103.2	3.8	0.9
1487	6/9/2016 03:21:05	11.94	51.17	33.50	9.04	8.05	4.2	3.700	103.4	4.6	1.1
1488	6/9/2016 03:36:05	11.93	51.14	33.48	8.60	8.03	3.9	3.692	98.3	3.8	0.9
1489	6/9/2016 03:51:06	11.99	51.19	33.52	8.86	8.05	3.4	3.669	101.4	3.2	0.8
1490	6/9/2016 04:06:05	11.99	51.18	33.51	8.94	8.05	5.7	3.617	102.4	3.2	0.8
1491	6/9/2016 04:21:05	12.32	51.13	33.49	8.81	8.05	4.9	3.558	101.6	3.5	0.8
1492	6/9/2016 04:36:05	12.94	51.10	33.50	8.54	8.03	5.8	3.486	99.7	3.0	0.7
1493	6/9/2016 04:51:05	13.02	51.09	33.50	8.52	8.03	6.5	3.379	99.7	3.3	0.8
1494	6/9/2016 05:06:05	13.70	51.07	33.50	8.27	8.02	9.0	3.289	98.2	2.8	0.7
1495	6/9/2016 05:21:05	14.48	50.86	33.38	8.02	8.01	9.7	3.185	96.6	4.3	1.0
1496	6/9/2016 05:36:06	14.60	50.96	33.45	7.94	8.00	8.7	3.067	95.9	3.8	0.9
1497	6/9/2016 05:51:05	14.72	51.03	33.51	8.00	8.01	8.9	2.953	96.8	3.1	0.7
1498	6/9/2016 06:06:06	15.11	50.98	33.48	7.89	8.00	8.4	2.843	96.3	3.4	0.8
1499	6/9/2016 06:21:05	15.22	50.97	33.48	7.69	7.98	7.7	2.722	94.1	3.8	0.9
1500	6/9/2016 06:36:05	15.56	50.97	33.48	7.52	7.96	8.7	2.594	92.6	3.2	0.8
1501	6/9/2016 06:51:05	15.98	50.97	33.50	7.46	7.96	9.4	2.489	92.6	3.4	0.8
1502	6/9/2016 07:06:06	16.12	50.97	33.49	7.49	7.97	8.9	2.357	93.3	3.6	0.8
1503	6/9/2016 07:21:06	16.22	50.94	33.48	7.47	7.96	9.5	2.200	93.2	3.7	0.9
1504	6/9/2016 07:36:06	16.33	50.96	33.49	7.47	7.96	8.4	2.081	93.3	4.1	1.0
1505	6/9/2016 07:51:06	16.62	50.99	33.52	7.37	7.96	10.3	1.962	92.7	4.3	1.0
1506	6/9/2016 08:06:06	16.60	50.93	33.47	7.32	7.95	9.1	1.819	92.0	3.3	0.8
1507	6/9/2016 08:21:06	16.75	50.96	33.50	7.35	7.95	9.7	1.679	92.6	3.4	0.8
1508	6/9/2016 08:36:05	16.79	50.94	33.49	7.30	7.95	9.2	1.553	92.1	3.9	0.9
1509	6/9/2016 08:51:05	16.82	50.95	33.49	7.30	7.95	5.9	1.468	92.2	5.9	1.4
1510	6/9/2016 09:06:05	16.86	50.96	33.50	7.26	7.94	8.3	1.344	91.8	3.8	0.9
1511	6/9/2016 09:21:05	16.95	50.94	33.48	7.26	7.95	7.3	1.260	91.8	3.4	0.8
1512	6/9/2016 09:36:05	17.02	50.95	33.50	7.20	7.94	9.7	1.239	91.3	3.9	0.9
1513	6/9/2016 09:51:05	16.96	50.95	33.49	7.25	7.94	10.8	1.227	91.8	4.3	1.0
1514	6/9/2016 10:06:06	17.02	50.96	33.50	7.32	7.95	8.0	1.230	92.7	4.5	1.1
1515	6/9/2016 10:21:05	17.54	51.00	33.54	7.16	7.94	7.9	1.282	91.7	4.4	1.0
1516	6/9/2016 10:36:05	17.57	51.07	33.59	7.08	7.94	8.6	1.373	90.7	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1517	6/9/2016 10:51:05	17.78	51.07	33.59	7.01	7.93	8.3	1.417	90.2	4.9	1.2
1518	6/9/2016 11:06:05	17.71	51.03	33.56	7.01	7.93	8.3	1.494	90.0	4.4	1.1
1519	6/9/2016 11:21:05	17.75	50.82	33.40	6.82	7.91	10.5	1.587	87.6	4.8	1.1
1520	6/9/2016 11:36:06	17.67	50.80	33.39	6.75	7.90	10.8	1.653	86.5	4.6	1.1
1521	6/9/2016 11:51:06	17.52	50.83	33.41	6.81	7.91	10.4	1.745	87.1	3.6	0.9
1522	6/9/2016 12:06:05	17.39	50.89	33.46	6.94	7.90	9.8	1.815	88.5	4.1	1.0
1523	6/9/2016 12:21:06	17.37	50.91	33.47	6.96	7.92	9.5	1.904	88.8	4.1	1.0
1524	6/9/2016 12:36:06	17.31	50.93	33.48	6.91	7.92	9.7	2.006	88.0	3.4	0.8
1525	6/9/2016 12:51:06	16.97	50.93	33.48	7.05	7.93	9.0	2.092	89.3	3.1	0.7
1526	6/9/2016 13:06:06	16.63	50.92	33.46	7.19	7.94	8.3	2.189	90.4	3.2	0.8
1527	6/9/2016 13:21:06	16.42	50.93	33.47	7.25	7.94	7.6	2.294	90.8	3.1	0.7
1528	6/9/2016 13:36:05	16.29	50.93	33.47	7.27	7.94	8.4	2.398	90.8	3.5	0.8
1529	6/9/2016 13:51:06	16.15	50.94	33.47	7.25	7.94	8.4	2.492	90.3	3.3	0.8
1530	6/9/2016 14:06:06	15.99	50.94	33.47	7.38	7.95	8.8	2.587	91.6	3.7	0.9
1531	6/9/2016 14:21:06	15.84	50.91	33.45	7.42	7.95	9.5	2.689	91.8	3.9	0.9
1532	6/9/2016 14:36:05	15.69	50.88	33.42	7.48	7.96	10.6	2.776	92.3	3.6	0.8
1533	6/9/2016 14:51:06	15.44	50.86	33.40	7.64	7.96	13.0	2.862	93.8	3.6	0.9
1534	6/9/2016 15:06:06	15.12	50.88	33.41	7.77	7.97	13.0	2.952	94.8	4.3	1.0
1535	6/9/2016 15:21:06	14.64	50.87	33.39	7.95	7.98	12.2	3.042	96.0	4.0	0.9
1536	6/9/2016 15:36:05	14.03	50.89	33.38	8.31	8.00	13.4	3.122	99.2	4.2	1.0
1537	6/9/2016 15:51:06	13.71	50.89	33.38	8.55	8.02	13.3	3.196	101.4	4.2	1.0
1538	6/9/2016 16:06:06	13.60	50.89	33.37	8.62	8.03	13.0	3.275	102.0	4.9	1.2
1539	6/9/2016 16:21:06	13.36	50.92	33.38	8.85	8.05	8.9	3.346	104.2	5.6	1.3
1540	6/9/2016 16:36:05	13.20	50.92	33.38	9.01	8.05	8.1	3.391	105.7	5.5	1.3
1541	6/9/2016 16:51:05	13.05	50.93	33.38	9.16	8.06	6.1	3.431	107.1	5.8	1.4
1542	6/9/2016 17:06:06	12.89	50.93	33.37	9.28	8.07	5.3	3.465	108.2	6.3	1.5
1543	6/9/2016 17:21:05	13.00	50.82	33.30	8.98	8.05	3.7	3.459	104.8	4.0	0.9
1544	6/9/2016 17:36:05	12.95	50.93	33.37	9.11	8.06	4.6	3.439	106.3	4.7	1.1
1545	6/9/2016 17:51:05	13.01	50.87	33.33	9.05	8.06	5.2	3.397	105.7	4.2	1.0
1546	6/9/2016 18:06:05	13.36	50.89	33.36	8.82	8.04	7.6	3.330	103.8	4.8	1.1
1547	6/9/2016 18:21:06	13.77	50.88	33.37	8.65	8.03	9.4	3.265	102.7	4.2	1.0
1548	6/9/2016 18:36:06	14.03	50.89	33.38	8.84	8.05	7.8	3.183	105.6	3.6	0.9
1549	6/9/2016 18:51:06	14.70	50.79	33.33	8.58	8.04	9.0	3.101	103.7	5.1	1.2
1550	6/9/2016 19:06:06	15.36	50.86	33.40	8.23	8.02	9.8	3.010	100.9	4.0	0.9
1551	6/9/2016 19:21:05	15.93	50.84	33.40	8.25	8.02	8.5	2.949	102.2	3.9	0.9
1552	6/9/2016 19:36:06	15.98	50.85	33.41	8.05	8.01	9.4	2.856	99.9	4.3	1.0
1553	6/9/2016 19:51:06	15.95	50.85	33.41	8.00	8.00	7.4	2.774	99.2	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1554	6/9/2016 20:06:06	16.09	50.85	33.41	7.79	7.98	7.0	2.720	96.9	3.8	0.9
1555	6/9/2016 20:21:06	16.22	50.83	33.40	7.79	7.98	6.7	2.645	97.2	3.6	0.9
1556	6/9/2016 20:36:06	16.40	50.83	33.40	7.78	7.98	7.1	2.578	97.3	4.4	1.1
1557	6/9/2016 20:51:05	16.66	50.79	33.38	7.80	7.98	6.9	2.518	98.0	4.1	1.0
1558	6/9/2016 21:06:06	16.77	50.84	33.41	7.77	7.99	7.7	2.463	97.9	4.3	1.0
1559	6/9/2016 21:21:06	16.78	50.82	33.39	7.92	8.00	6.9	2.412	99.8	4.2	1.0
1560	6/9/2016 21:36:06	17.05	50.80	33.39	7.61	7.97	6.7	2.367	96.4	4.5	1.1
1561	6/9/2016 21:51:06	17.17	50.81	33.40	7.66	7.98	6.7	2.329	97.3	4.4	1.0
1562	6/9/2016 22:06:06	17.39	50.80	33.39	7.54	7.97	6.4	2.305	96.1	5.0	1.2
1563	6/9/2016 22:21:05	17.43	50.78	33.37	7.51	7.96	5.9	2.303	95.8	4.9	1.2
1564	6/9/2016 22:36:05	17.57	50.76	33.36	7.18	7.92	5.4	2.299	91.9	4.8	1.1
1565	6/9/2016 22:51:06	17.56	50.86	33.44	7.52	7.96	7.4	2.308	96.3	5.0	1.2
1566	6/9/2016 23:06:06	17.40	50.87	33.44	7.51	7.96	6.1	2.341	95.8	5.1	1.2
1567	6/9/2016 23:21:05	17.30	50.81	33.40	7.51	7.95	6.2	2.385	95.5	4.6	1.1
1568	6/9/2016 23:36:06	17.17	50.85	33.42	7.53	7.95	6.7	2.444	95.6	4.2	1.0
1569	6/9/2016 23:51:06	17.15	50.86	33.43	7.58	7.97	8.3	2.490	96.3	5.0	1.2
1570	6/10/2016 00:06:06	17.07	50.87	33.44	7.59	7.97	9.0	2.562	96.3	4.5	1.1
1571	6/10/2016 00:21:06	16.70	50.88	33.44	7.64	7.97	6.8	2.636	96.2	4.1	1.0
1572	6/10/2016 00:36:05	16.47	50.87	33.43	7.64	7.97	6.3	2.694	95.8	3.4	0.8
1573	6/10/2016 00:51:06	16.13	50.87	33.42	7.73	7.97	6.4	2.755	96.3	3.9	0.9
1574	6/10/2016 01:06:06	15.63	50.88	33.42	7.88	7.98	5.9	2.832	97.1	3.7	0.9
1575	6/10/2016 01:21:06	15.18	50.89	33.42	7.99	7.99	5.1	2.893	97.6	3.4	0.8
1576	6/10/2016 01:36:06	15.03	50.89	33.42	8.06	7.99	5.4	2.945	98.1	3.5	0.8
1577	6/10/2016 01:51:06	14.89	50.89	33.41	8.12	8.00	5.1	3.022	98.6	3.4	0.8
1578	6/10/2016 02:06:06	14.78	50.89	33.41	8.16	8.00	4.8	3.078	98.9	3.5	0.8
1579	6/10/2016 02:21:05	14.72	50.90	33.41	8.21	8.00	4.3	3.136	99.4	3.6	0.8
1580	6/10/2016 02:36:06	14.39	50.91	33.41	8.39	8.02	4.9	3.203	100.9	3.4	0.8
1581	6/10/2016 02:51:06	14.14	50.90	33.40	8.47	8.02	4.3	3.268	101.3	3.5	0.8
1582	6/10/2016 03:06:05	13.97	50.92	33.40	8.49	8.02	5.9	3.319	101.1	3.9	0.9
1583	6/10/2016 03:21:06	13.82	50.91	33.40	8.52	8.03	4.0	3.364	101.3	3.4	0.8
1584	6/10/2016 03:36:06	13.68	50.93	33.40	8.56	8.03	4.7	3.406	101.5	3.8	0.9
1585	6/10/2016 03:51:06	13.48	50.91	33.38	8.63	8.03	4.5	3.435	101.8	2.9	0.7
1586	6/10/2016 04:06:06	13.35	50.91	33.38	8.47	8.02	3.2	3.447	99.6	2.6	0.6
1587	6/10/2016 04:21:06	13.44	50.96	33.41	8.53	8.03	2.9	3.444	100.6	3.1	0.7
1588	6/10/2016 04:36:05	13.32	50.90	33.37	8.57	8.03	3.1	3.436	100.8	2.5	0.6
1589	6/10/2016 04:51:05	13.45	50.90	33.37	8.56	8.03	3.1	3.404	101.0	3.1	0.7
1590	6/10/2016 05:06:06	13.71	50.90	33.38	8.41	8.02	3.9	3.346	99.8	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
1591	6/10/2016 05:21:06	14.10	50.93	33.41	8.22	8.01	5.5	3.288	98.3	3.2	0.8
1592	6/10/2016 05:36:06	14.01	50.91	33.40	8.27	8.01	5.9	3.221	98.6	3.5	0.8
1593	6/10/2016 05:51:06	14.10	50.87	33.37	8.23	8.01	7.6	3.132	98.4	3.0	0.7
1594	6/10/2016 06:06:05	14.51	50.81	33.34	8.03	7.99	7.3	3.046	96.7	2.9	0.7
1595	6/10/2016 06:21:05	14.87	50.85	33.38	7.75	7.97	8.6	2.950	94.1	3.0	0.7
1596	6/10/2016 06:36:06	15.26	50.82	33.37	7.54	7.96	9.5	2.850	92.2	3.2	0.7
1597	6/10/2016 06:51:06	15.48	50.83	33.38	7.39	7.94	9.7	2.760	90.8	3.0	0.7
1598	6/10/2016 07:06:06	15.72	50.80	33.37	7.27	7.93	10.1	2.657	89.8	2.9	0.7
1599	6/10/2016 07:21:06	15.87	50.79	33.36	7.40	7.94	9.1	2.548	91.6	2.6	0.6
1600	6/10/2016 07:36:06	15.69	50.78	33.35	7.61	7.96	8.4	2.451	93.8	3.2	0.8
1601	6/10/2016 07:51:06	15.91	50.82	33.38	7.70	7.97	9.0	2.333	95.4	3.2	0.8
1602	6/10/2016 08:06:06	16.14	50.82	33.39	7.79	7.98	10.1	2.208	96.9	3.7	0.9
1603	6/10/2016 08:21:06	16.25	50.83	33.40	7.80	7.98	9.1	2.095	97.3	3.8	0.9
1604	6/10/2016 08:36:06	16.06	50.86	33.41	8.01	8.00	8.1	1.982	99.5	3.6	0.8
1605	6/10/2016 08:51:06	16.17	50.81	33.38	8.27	8.01	8.6	1.869	103.0	3.8	0.9
1606	6/10/2016 09:06:06	16.25	50.82	33.39	7.93	8.00	7.3	1.761	98.9	3.3	0.8
1607	6/10/2016 09:21:05	16.47	50.79	33.37	7.96	7.99	7.9	1.668	99.7	3.2	0.8
1608	6/10/2016 09:36:05	16.57	50.77	33.36	7.67	7.97	7.3	1.570	96.3	3.0	0.7
1609	6/10/2016 09:51:05	16.66	50.79	33.37	7.64	7.97	7.0	1.505	96.0	3.3	0.8
1610	6/10/2016 10:06:06	16.72	50.77	33.36	7.53	7.97	6.4	1.447	94.8	2.9	0.7
1611	6/10/2016 10:21:06	16.78	50.81	33.39	7.31	7.95	5.4	1.421	92.1	2.8	0.7
1612	6/10/2016 10:36:06	16.82	50.83	33.40	8.02	8.00	7.5	1.411	101.1	3.9	0.9
1613	6/10/2016 10:51:06	16.81	50.86	33.43	8.01	8.00	6.7	1.434	101.1	3.6	0.9
1614	6/10/2016 11:06:06	16.90	50.84	33.41	7.70	7.97	6.6	1.462	97.3	4.2	1.0
1615	6/10/2016 11:21:06	17.11	50.83	33.40	7.53	7.96	7.5	1.511	95.5	3.8	0.9
1616	6/10/2016 11:36:05	17.15	50.89	33.45	7.53	7.96	8.3	1.571	95.6	4.2	1.0
1617	6/10/2016 11:51:06	17.32	50.92	33.47	7.36	7.95	8.4	1.632	93.8	4.6	1.1
1618	6/10/2016 12:06:05	17.18	50.87	33.44	7.42	7.95	8.6	1.712	94.3	4.2	1.0
1619	6/10/2016 12:21:06	17.45	50.85	33.43	7.35	7.94	9.2	1.770	93.8	4.3	1.0
1620	6/10/2016 12:36:06	17.34	50.83	33.41	7.27	7.94	9.8	1.846	92.6	4.6	1.1
1621	6/10/2016 12:51:05	17.24	50.85	33.43	7.34	7.94	8.7	1.927	93.4	4.2	1.0
1622	6/10/2016 13:06:05	17.18	50.86	33.43	7.47	7.95	9.3	1.999	94.9	4.1	1.0
1623	6/10/2016 13:21:06	17.17	50.84	33.41	7.37	7.94	8.1	2.084	93.6	4.3	1.0
1624	6/10/2016 13:36:06	17.07	50.79	33.38	7.23	7.94	8.7	2.168	91.7	4.1	1.0
1625	6/10/2016 13:51:06	16.65	50.83	33.40	7.26	7.93	7.9	2.266	91.3	3.7	0.9
1626	6/10/2016 14:06:06	16.50	50.81	33.39	7.29	7.94	8.6	2.348	91.3	3.4	0.8
1627	6/10/2016 14:21:06	16.30	50.79	33.37	7.28	7.94	7.5	2.446	90.9	2.9	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	Fluorescence %FS
1628	6/10/2016 14:36:06	16.14	50.81	33.38	7.33	7.94	7.5	2.531	91.2	3.5	0.8
1629	6/10/2016 14:51:06	16.12	50.82	33.38	7.36	7.94	7.5	2.625	91.6	2.9	0.7
1630	6/10/2016 15:06:05	16.15	50.81	33.38	7.39	7.94	8.2	2.715	92.0	3.5	0.8
1631	6/10/2016 15:21:06	16.07	50.79	33.37	7.44	7.95	8.3	2.789	92.5	3.7	0.9
1632	6/10/2016 15:36:06	15.99	50.75	33.33	7.54	7.95	8.7	2.910	93.5	2.9	0.7
	Mean	15.86	51.12	33.59	7.72	8.00	9.35	2.60	95.60	4.65	1.10
	Minimum	10.48	50.35	33.06	6.49	7.87	2.20	0.80	72.70	2.10	0.50
	Maximum	19.96	51.98	34.03	10.02	8.20	74.90	4.10	131.40	61.50	14.60

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

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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	6/10/2016 15:51:39	15.86	47.94	31.28	6.94	7.91	9.8	2.928	84.8	2.3	0.6
1	6/10/2016 16:06:39	15.59	48.06	31.36	7.24	7.94	10.4	3.010	88.1	2.3	0.5
2	6/10/2016 16:21:39	15.26	48.04	31.34	7.42	7.95	10.6	3.079	89.6	3.1	0.7
3	6/10/2016 16:36:39	14.80	48.15	31.41	7.57	7.97	9.0	3.145	90.7	2.4	0.6
4	6/10/2016 16:51:39	14.37	48.20	31.43	7.98	8.00	7.9	3.214	94.8	3.0	0.7
5	6/10/2016 17:06:39	14.15	48.23	31.45	8.13	8.01	7.1	3.268	96.1	2.7	0.6
6	6/10/2016 17:21:39	14.07	48.21	31.43	8.20	8.02	5.7	3.309	96.8	2.4	0.6
7	6/10/2016 17:36:39	13.97	48.21	31.43	8.32	8.03	4.0	3.351	98.0	2.4	0.6
8	6/10/2016 17:51:39	13.92	48.15	31.39	8.29	8.03	3.1	3.375	97.5	2.5	0.6
9	6/10/2016 18:06:39	13.92	48.08	31.34	7.96	8.02	3.2	3.373	93.6	1.9	0.4
10	6/10/2016 18:21:39	13.94	48.23	31.45	8.23	8.03	4.0	3.355	96.8	2.6	0.6
11	6/10/2016 18:36:39	14.01	48.19	31.42	8.13	8.02	5.3	3.334	95.8	1.9	0.4
12	6/10/2016 18:51:39	14.20	48.14	31.39	8.07	8.02	5.6	3.276	95.5	1.7	0.4
13	6/10/2016 19:06:39	14.90	48.08	31.36	7.89	8.00	8.2	3.214	94.6	2.0	0.5
14	6/10/2016 19:21:39	15.00	48.25	31.48	8.03	8.02	9.0	3.155	96.6	2.8	0.7
15	6/10/2016 19:36:39	15.14	48.14	31.41	7.92	8.00	9.8	3.077	95.5	2.4	0.6
16	6/10/2016 19:51:39	15.47	48.14	31.42	7.74	7.99	9.8	3.007	94.0	3.1	0.7
17	6/10/2016 20:06:39	15.66	48.10	31.39	7.67	7.99	10.8	2.924	93.4	3.3	0.8
18	6/10/2016 20:21:39	16.07	48.12	31.41	7.52	7.98	11.4	2.862	92.3	3.3	0.8
19	6/10/2016 20:36:39	16.25	48.11	31.41	7.47	7.98	11.5	2.786	92.1	3.0	0.7
20	6/10/2016 20:51:39	16.23	47.99	31.32	7.51	7.98	13.1	2.713	92.5	3.5	0.8
21	6/10/2016 21:06:39	16.30	48.13	31.42	7.49	7.99	13.9	2.648	92.4	3.6	0.8
22	6/10/2016 21:21:39	16.54	48.11	31.41	7.39	7.97	12.7	2.589	91.6	3.9	0.9
23	6/10/2016 21:36:39	16.76	48.07	31.39	7.34	7.97	13.8	2.516	91.3	4.2	1.0
24	6/10/2016 21:51:39	16.85	48.12	31.42	7.29	7.97	14.0	2.457	91.0	4.7	1.1
25	6/10/2016 22:06:39	16.58	48.14	31.43	7.28	7.97	13.8	2.407	90.4	3.9	0.9
26	6/10/2016 22:21:39	17.04	48.19	31.48	7.21	7.96	12.2	2.350	90.3	4.4	1.0
27	6/10/2016 22:36:39	17.15	48.13	31.43	7.18	7.96	12.0	2.300	90.1	4.7	1.1
28	6/10/2016 22:51:39	17.41	48.23	31.51	7.17	7.96	12.9	2.263	90.4	4.9	1.2
29	6/10/2016 23:06:39	17.55	48.17	31.46	7.11	7.96	12.2	2.248	89.9	5.6	1.3
30	6/10/2016 23:21:40	17.78	48.20	31.49	7.09	7.97	11.2	2.226	90.1	5.4	1.3
31	6/10/2016 23:36:39	17.80	48.23	31.51	6.60	7.94	10.3	2.231	83.8	6.3	1.5
32	6/10/2016 23:51:39	17.93	48.26	31.53	7.09	7.97	10.5	2.240	90.4	6.2	1.5
33	6/11/2016 00:06:39	17.92	48.18	31.48	7.10	7.96	11.5	2.264	90.4	5.9	1.4
34	6/11/2016 00:21:39	17.83	48.24	31.52	7.05	7.95	11.1	2.301	89.6	4.9	1.2
35	6/11/2016 00:36:39	17.76	48.09	31.41	7.04	7.95	10.6	2.334	89.4	4.7	1.1
36	6/11/2016 00:51:39	17.68	48.15	31.45	7.02	7.95	9.9	2.394	89.0	4.6	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	6/11/2016 01:06:39	17.86	48.16	31.46	7.00	7.96	11.0	2.450	89.1	4.8	1.1
38	6/11/2016 01:21:39	17.73	48.19	31.48	7.01	7.96	10.8	2.509	88.9	4.6	1.1
39	6/11/2016 01:36:39	17.47	48.12	31.43	7.06	7.96	8.8	2.560	89.2	4.1	1.0
40	6/11/2016 01:51:39	17.29	48.14	31.44	7.09	7.96	8.3	2.622	89.1	4.0	0.9
41	6/11/2016 02:06:39	16.91	48.05	31.37	7.16	7.96	8.0	2.680	89.3	3.5	0.8
42	6/11/2016 02:21:39	16.54	48.15	31.44	7.21	7.96	7.7	2.731	89.4	3.6	0.8
43	6/11/2016 02:36:39	16.22	48.05	31.36	7.29	7.97	7.2	2.794	89.8	3.3	0.8
44	6/11/2016 02:51:39	15.66	47.99	31.31	7.54	7.99	5.7	2.842	91.8	2.8	0.6
45	6/11/2016 03:06:40	15.51	48.09	31.38	7.57	7.99	5.1	2.896	92.0	3.1	0.7
46	6/11/2016 03:21:40	15.42	48.01	31.32	7.61	8.00	4.6	2.951	92.2	3.0	0.7
47	6/11/2016 03:36:40	15.38	48.11	31.39	7.62	8.00	4.6	3.002	92.2	2.5	0.6
48	6/11/2016 03:51:39	15.27	48.12	31.40	7.62	8.00	4.6	3.048	92.1	2.7	0.6
49	6/11/2016 04:06:40	15.17	48.04	31.34	7.58	8.00	4.8	3.089	91.4	2.6	0.6
50	6/11/2016 04:21:39	14.79	48.01	31.30	7.71	8.01	4.0	3.132	92.2	2.2	0.5
51	6/11/2016 04:36:39	14.60	48.07	31.34	7.76	8.02	4.1	3.159	92.5	3.3	0.8
52	6/11/2016 04:51:39	14.52	48.11	31.37	7.76	8.01	3.4	3.184	92.4	2.6	0.6
53	6/11/2016 05:06:39	14.43	48.08	31.35	7.66	8.01	2.8	3.202	91.0	1.7	0.4
54	6/11/2016 05:21:39	14.42	48.16	31.41	7.64	8.00	3.2	3.199	90.8	2.0	0.5
55	6/11/2016 05:36:39	14.37	48.15	31.40	7.61	7.99	3.2	3.187	90.3	2.3	0.5
56	6/11/2016 05:51:39	14.45	48.17	31.42	7.64	7.98	3.2	3.143	90.9	1.6	0.4
57	6/11/2016 06:06:39	15.30	47.85	31.20	7.27	7.95	5.0	3.105	87.8	2.4	0.6
58	6/11/2016 06:21:39	15.74	48.16	31.44	7.05	7.93	6.1	3.051	86.1	2.6	0.6
59	6/11/2016 06:36:39	15.65	48.14	31.42	7.02	7.94	6.5	2.979	85.5	2.6	0.6
60	6/11/2016 06:51:39	15.42	48.16	31.43	7.23	7.95	6.4	2.903	87.7	2.9	0.7
61	6/11/2016 07:06:39	15.44	48.20	31.46	7.26	7.95	6.7	2.822	88.1	1.9	0.4
62	6/11/2016 07:21:39	15.75	48.19	31.46	7.05	7.94	6.5	2.749	86.1	2.2	0.5
63	6/11/2016 07:36:39	15.90	48.19	31.46	7.02	7.93	6.3	2.657	85.9	2.9	0.7
64	6/11/2016 07:51:39	16.20	48.21	31.48	6.94	7.93	7.5	2.575	85.5	2.2	0.5
65	6/11/2016 08:06:39	16.32	48.19	31.47	7.17	7.93	7.3	2.478	88.5	3.0	0.7
66	6/11/2016 08:21:39	16.53	48.17	31.45	7.04	7.93	9.5	2.403	87.3	2.8	0.7
67	6/11/2016 08:36:39	16.36	48.18	31.46	7.53	7.96	7.0	2.299	93.0	2.6	0.6
68	6/11/2016 08:51:39	16.45	48.18	31.46	7.54	7.98	8.4	2.206	93.3	3.1	0.7
69	6/11/2016 09:06:39	16.83	48.13	31.43	7.26	7.95	8.3	2.121	90.6	3.4	0.8
70	6/11/2016 09:21:39	16.77	48.14	31.43	7.48	7.96	7.8	2.020	93.1	2.8	0.7
71	6/11/2016 09:36:39	16.87	48.20	31.48	7.56	7.97	8.2	1.921	94.3	3.0	0.7
72	6/11/2016 09:51:39	16.89	48.27	31.53	7.42	7.97	7.5	1.848	92.7	3.3	0.8
73	6/11/2016 10:06:39	16.95	48.28	31.54	7.24	7.96	7.1	1.771	90.6	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	6/11/2016 10:21:39	17.01	48.22	31.50	7.07	7.95	7.0	1.674	88.5	3.0	0.7
75	6/11/2016 10:36:40	17.11	48.33	31.58	6.94	7.95	7.2	1.634	87.1	3.0	0.7
76	6/11/2016 10:51:40	17.12	48.22	31.50	6.77	7.95	6.0	1.598	84.9	2.6	0.6
77	6/11/2016 11:06:39	17.16	48.25	31.52	6.69	7.94	5.7	1.554	83.9	2.8	0.7
78	6/11/2016 11:21:39	17.16	48.21	31.49	6.86	7.95	6.7	1.548	86.1	3.0	0.7
79	6/11/2016 11:36:39	17.21	48.27	31.53	7.03	7.96	7.2	1.556	88.3	3.7	0.9
80	6/11/2016 11:51:40	17.24	48.30	31.56	7.11	7.96	7.2	1.575	89.4	3.6	0.9
81	6/11/2016 12:06:40	17.15	48.21	31.49	7.22	7.97	7.9	1.617	90.6	3.6	0.8
82	6/11/2016 12:21:39	17.22	48.23	31.50	7.30	7.97	7.3	1.656	91.7	4.2	1.0
83	6/11/2016 12:36:39	17.23	48.24	31.52	7.26	7.96	7.6	1.704	91.2	4.5	1.1
84	6/11/2016 12:51:39	17.30	48.26	31.53	7.08	7.95	8.3	1.776	89.2	3.8	0.9
85	6/11/2016 13:06:39	17.24	48.19	31.47	7.18	7.95	7.2	1.838	90.2	3.7	0.9
86	6/11/2016 13:21:39	17.29	48.33	31.58	7.09	7.95	7.0	1.879	89.3	3.8	0.9
87	6/11/2016 13:36:39	17.36	48.25	31.52	7.00	7.94	7.0	1.957	88.2	3.8	0.9
88	6/11/2016 13:51:39	17.43	48.27	31.54	6.97	7.94	7.2	2.041	88.0	4.1	1.0
89	6/11/2016 14:06:39	17.46	48.34	31.59	6.89	7.94	7.5	2.105	87.0	4.0	0.9
90	6/11/2016 14:21:39	17.44	48.30	31.56	6.92	7.94	7.5	2.181	87.4	4.0	1.0
91	6/11/2016 14:36:40	17.43	48.27	31.54	6.88	7.93	7.6	2.259	86.9	3.9	0.9
92	6/11/2016 14:51:40	17.34	48.18	31.47	6.95	7.93	7.6	2.354	87.6	3.7	0.9
93	6/11/2016 15:06:39	17.06	48.28	31.54	6.94	7.92	7.1	2.431	87.0	2.8	0.7
94	6/11/2016 15:21:40	16.90	48.24	31.51	6.94	7.92	6.8	2.507	86.6	3.5	0.8
95	6/11/2016 15:36:40	16.73	48.27	31.53	6.95	7.92	7.0	2.595	86.6	4.1	1.0
96	6/11/2016 15:51:40	16.56	48.22	31.50	6.99	7.92	7.0	2.666	86.7	3.1	0.7
97	6/11/2016 16:06:40	16.42	48.26	31.52	6.98	7.92	6.7	2.738	86.4	2.9	0.7
98	6/11/2016 16:21:40	16.30	48.25	31.51	6.98	7.92	6.7	2.815	86.2	2.4	0.6
99	6/11/2016 16:36:40	16.18	48.19	31.46	7.02	7.92	7.0	2.892	86.5	3.1	0.7
100	6/11/2016 16:51:39	16.13	48.00	31.33	7.09	7.93	6.1	2.956	87.2	3.3	0.8
101	6/11/2016 17:06:39	15.98	48.14	31.42	7.18	7.94	7.0	3.030	88.0	2.7	0.6
102	6/11/2016 17:21:39	15.60	48.12	31.40	7.37	7.95	7.0	3.098	89.6	2.6	0.6
103	6/11/2016 17:36:40	15.37	48.09	31.38	7.49	7.96	6.4	3.149	90.7	2.8	0.7
104	6/11/2016 17:51:40	14.95	48.14	31.40	7.66	7.97	6.8	3.219	92.0	3.0	0.7
105	6/11/2016 18:06:39	14.63	48.06	31.34	7.85	7.98	5.5	3.263	93.7	3.3	0.8
106	6/11/2016 18:21:40	14.54	48.19	31.44	7.90	7.99	3.9	3.292	94.2	2.0	0.5
107	6/11/2016 18:36:40	14.49	48.13	31.38	7.86	7.99	2.9	3.320	93.5	2.9	0.7
108	6/11/2016 18:51:40	14.46	48.14	31.40	7.64	7.98	3.2	3.324	90.8	1.5	0.4
109	6/11/2016 19:06:40	14.51	48.20	31.44	7.81	7.99	3.6	3.326	92.9	1.2	0.3
110	6/11/2016 19:21:40	14.61	48.19	31.44	7.74	7.98	4.3	3.298	92.3	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	6/11/2016 19:36:39	14.96	48.06	31.35	7.63	7.97	6.5	3.258	91.6	2.9	0.7
112	6/11/2016 19:51:39	15.36	48.18	31.45	7.53	7.97	11.0	3.212	91.2	3.1	0.7
113	6/11/2016 20:06:39	15.13	48.18	31.44	7.75	7.98	13.6	3.147	93.5	3.1	0.7
114	6/11/2016 20:21:40	15.12	48.18	31.44	7.69	7.98	16.1	3.092	92.7	2.7	0.6
115	6/11/2016 20:36:40	15.00	48.20	31.45	7.72	7.98	16.4	3.012	92.8	4.0	0.9
116	6/11/2016 20:51:40	15.17	48.17	31.44	7.60	7.97	18.4	2.933	91.7	3.3	0.8
117	6/11/2016 21:06:40	14.90	48.26	31.49	7.58	7.97	19.0	2.865	91.0	3.6	0.9
118	6/11/2016 21:21:40	15.26	48.23	31.48	7.48	7.96	17.7	2.798	90.5	3.9	0.9
119	6/11/2016 21:36:39	14.99	48.21	31.46	7.44	7.96	16.4	2.725	89.5	4.0	0.9
120	6/11/2016 21:51:39	15.61	48.20	31.46	7.28	7.94	16.1	2.648	88.6	4.1	1.0
121	6/11/2016 22:06:39	15.55	48.19	31.46	7.24	7.94	15.7	2.591	88.1	4.0	1.0
122	6/11/2016 22:21:39	15.91	48.26	31.51	7.15	7.93	15.0	2.529	87.5	4.2	1.0
123	6/11/2016 22:36:40	16.38	48.31	31.55	7.03	7.93	13.5	2.454	87.0	4.5	1.1
124	6/11/2016 22:51:39	16.46	48.36	31.59	6.99	7.93	13.2	2.392	86.6	4.6	1.1
125	6/11/2016 23:06:39	16.62	48.30	31.55	6.98	7.93	13.7	2.333	86.7	4.3	1.0
126	6/11/2016 23:21:39	16.53	48.35	31.58	6.98	7.93	13.0	2.264	86.6	4.5	1.1
127	6/11/2016 23:36:39	16.80	48.36	31.60	6.96	7.93	12.2	2.228	86.8	4.5	1.1
128	6/11/2016 23:51:39	16.77	48.39	31.62	6.95	7.93	12.3	2.175	86.7	4.9	1.2
129	6/12/2016 00:06:40	16.86	48.40	31.63	6.97	7.94	11.9	2.141	87.0	4.7	1.1
130	6/12/2016 00:21:39	17.08	48.37	31.61	6.97	7.94	10.9	2.127	87.4	4.9	1.2
131	6/12/2016 00:36:39	17.23	48.27	31.54	6.87	7.94	10.1	2.112	86.4	5.2	1.2
132	6/12/2016 00:51:39	17.28	48.35	31.60	6.99	7.95	10.6	2.116	88.0	4.7	1.1
133	6/12/2016 01:06:39	17.22	48.43	31.65	7.02	7.95	11.1	2.135	88.3	4.5	1.1
134	6/12/2016 01:21:39	17.22	48.42	31.64	6.98	7.94	10.8	2.167	87.8	4.2	1.0
135	6/12/2016 01:36:40	17.24	48.46	31.68	6.97	7.93	10.9	2.203	87.7	4.5	1.1
136	6/12/2016 01:51:39	17.22	48.32	31.57	6.94	7.93	11.5	2.247	87.3	4.6	1.1
137	6/12/2016 02:06:39	17.20	48.39	31.62	6.89	7.93	11.1	2.293	86.6	4.9	1.2
138	6/12/2016 02:21:40	17.31	48.43	31.65	6.86	7.93	14.3	2.350	86.4	5.3	1.2
139	6/12/2016 02:36:39	17.20	48.34	31.59	6.88	7.93	12.1	2.406	86.4	5.1	1.2
140	6/12/2016 02:51:40	17.08	48.44	31.66	6.89	7.93	11.5	2.456	86.5	4.5	1.1
141	6/12/2016 03:06:40	17.03	48.44	31.66	6.88	7.92	10.1	2.499	86.2	4.4	1.0
142	6/12/2016 03:21:40	16.98	48.35	31.59	6.86	7.92	10.2	2.555	85.9	4.6	1.1
143	6/12/2016 03:36:40	16.50	48.40	31.62	6.99	7.93	8.7	2.601	86.6	3.7	0.9
144	6/12/2016 03:51:40	16.20	48.28	31.53	7.09	7.93	7.4	2.659	87.4	3.9	0.9
145	6/12/2016 04:06:39	16.04	48.29	31.54	7.16	7.94	6.8	2.697	87.9	3.5	0.8
146	6/12/2016 04:21:39	15.97	48.26	31.51	7.17	7.94	7.0	2.739	87.9	3.1	0.7
147	6/12/2016 04:36:39	15.76	48.24	31.50	7.27	7.95	5.6	2.791	88.7	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	6/12/2016 04:51:40	15.66	48.29	31.53	7.25	7.95	5.1	2.819	88.4	2.9	0.7
149	6/12/2016 05:06:40	15.58	48.30	31.54	7.25	7.95	5.1	2.872	88.3	2.6	0.6
150	6/12/2016 05:21:40	15.55	48.23	31.48	7.22	7.95	4.8	2.895	87.8	2.4	0.6
151	6/12/2016 05:36:40	15.53	48.22	31.48	7.05	7.94	5.0	2.934	85.7	2.4	0.6
152	6/12/2016 05:51:39	15.53	48.20	31.46	6.94	7.94	4.9	2.960	84.3	3.0	0.7
153	6/12/2016 06:06:40	15.59	48.25	31.50	6.79	7.92	5.3	2.967	82.6	2.7	0.6
154	6/12/2016 06:21:40	15.62	48.32	31.55	6.61	7.90	5.7	2.985	80.5	2.9	0.7
155	6/12/2016 06:36:40	15.45	48.30	31.53	6.72	7.92	4.4	2.959	81.6	1.9	0.4
156	6/12/2016 06:51:40	15.48	48.24	31.49	6.64	7.92	4.5	2.957	80.7	1.9	0.5
157	6/12/2016 07:06:40	15.53	48.22	31.48	6.67	7.91	4.6	2.924	81.0	2.1	0.5
158	6/12/2016 07:21:40	15.47	48.29	31.53	6.82	7.92	5.4	2.877	82.9	1.8	0.4
159	6/12/2016 07:36:41	15.94	48.26	31.51	6.65	7.90	6.8	2.830	81.5	2.8	0.7
160	6/12/2016 07:51:40	15.92	48.44	31.64	6.71	7.91	8.5	2.754	82.2	3.0	0.7
161	6/12/2016 08:06:40	15.92	48.32	31.55	6.90	7.92	7.7	2.714	84.6	3.0	0.7
162	6/12/2016 08:21:39	16.01	48.30	31.54	7.00	7.93	6.8	2.634	85.9	2.7	0.6
163	6/12/2016 08:36:39	16.03	48.25	31.51	7.23	7.95	7.3	2.556	88.8	2.8	0.7
164	6/12/2016 08:51:40	16.09	48.36	31.59	7.53	7.94	7.1	2.498	92.6	3.0	0.7
165	6/12/2016 09:06:39	16.40	48.20	31.48	7.35	7.93	7.5	2.430	90.9	2.9	0.7
166	6/12/2016 09:21:39	16.50	48.35	31.58	7.41	7.94	7.9	2.358	91.8	2.4	0.6
167	6/12/2016 09:36:40	16.61	48.42	31.64	7.35	7.95	7.6	2.277	91.3	2.8	0.7
168	6/12/2016 09:51:39	16.53	48.32	31.57	7.84	7.98	6.6	2.205	97.2	2.9	0.7
169	6/12/2016 10:06:40	16.63	48.40	31.62	7.74	7.97	6.5	2.138	96.2	3.0	0.7
170	6/12/2016 10:21:40	16.70	48.43	31.65	8.04	7.99	6.5	2.061	100.2	2.7	0.6
171	6/12/2016 10:36:39	16.77	48.20	31.48	7.98	7.98	6.7	1.985	99.4	3.0	0.7
172	6/12/2016 10:51:40	16.86	48.33	31.58	7.50	7.97	6.8	1.923	93.7	3.0	0.7
173	6/12/2016 11:06:40	16.92	48.42	31.64	7.03	7.94	6.7	1.865	88.0	2.6	0.6
174	6/12/2016 11:21:39	16.97	48.40	31.63	6.86	7.94	7.0	1.813	85.9	2.7	0.6
175	6/12/2016 11:36:40	17.02	48.48	31.68	6.49	7.92	6.8	1.774	81.4	2.3	0.5
176	6/12/2016 11:51:40	17.06	48.40	31.63	6.37	7.92	7.0	1.750	79.9	3.0	0.7
177	6/12/2016 12:06:39	17.10	48.40	31.63	7.44	8.01	6.2	1.721	93.4	3.7	0.9
178	6/12/2016 12:21:40	17.03	48.40	31.63	7.29	7.97	6.7	1.725	91.3	2.9	0.7
179	6/12/2016 12:36:40	17.04	48.43	31.65	7.09	7.95	7.1	1.729	88.8	3.2	0.8
180	6/12/2016 12:51:39	17.04	48.42	31.65	7.26	7.95	7.2	1.751	90.9	3.6	0.8
181	6/12/2016 13:06:39	17.07	48.32	31.57	7.17	7.95	7.3	1.777	89.8	3.4	0.8
182	6/12/2016 13:21:39	17.14	48.39	31.63	6.91	7.94	7.9	1.827	86.8	3.8	0.9
183	6/12/2016 13:36:40	17.17	48.50	31.70	6.84	7.93	8.6	1.887	86.0	3.8	0.9
184	6/12/2016 13:51:40	17.16	48.41	31.63	6.81	7.93	7.9	1.922	85.6	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	6/12/2016 14:06:40	17.16	48.42	31.65	6.82	7.92	8.1	2.004	85.7	3.9	0.9
186	6/12/2016 14:21:40	17.08	48.41	31.64	6.75	7.92	7.5	2.064	84.7	3.9	0.9
187	6/12/2016 14:36:40	17.10	48.50	31.70	6.67	7.91	7.3	2.129	83.7	3.7	0.9
188	6/12/2016 14:51:40	17.12	48.33	31.58	6.64	7.91	7.5	2.201	83.4	3.5	0.8
189	6/12/2016 15:06:40	17.11	48.32	31.57	6.66	7.91	7.3	2.260	83.5	3.8	0.9
190	6/12/2016 15:21:40	17.07	48.40	31.63	6.66	7.91	7.2	2.347	83.5	3.6	0.9
191	6/12/2016 15:36:40	16.93	48.48	31.69	6.53	7.90	7.9	2.412	81.6	3.3	0.8
192	6/12/2016 15:51:40	16.72	48.40	31.63	6.65	7.91	7.2	2.490	82.9	3.4	0.8
193	6/12/2016 16:06:40	16.66	48.33	31.57	6.75	7.91	6.6	2.561	84.0	3.2	0.7
194	6/12/2016 16:21:40	16.51	48.38	31.61	6.78	7.91	6.3	2.633	84.1	3.4	0.8
195	6/12/2016 16:36:40	16.37	48.30	31.55	6.79	7.92	6.2	2.716	84.0	3.2	0.8
196	6/12/2016 16:51:40	16.31	48.33	31.57	6.79	7.91	6.8	2.775	83.9	3.0	0.7
197	6/12/2016 17:06:40	16.23	48.30	31.55	6.82	7.92	6.5	2.849	84.1	3.1	0.7
198	6/12/2016 17:21:40	16.28	48.32	31.56	6.95	7.93	6.2	2.923	85.8	2.9	0.7
199	6/12/2016 17:36:40	15.84	48.30	31.54	6.89	7.92	7.5	2.997	84.4	2.8	0.7
200	6/12/2016 17:51:40	15.67	48.25	31.50	7.03	7.93	7.8	3.057	85.8	2.6	0.6
201	6/12/2016 18:06:40	15.50	48.15	31.42	7.18	7.94	8.3	3.123	87.2	2.2	0.5
202	6/12/2016 18:21:40	15.36	48.26	31.50	7.23	7.94	6.8	3.192	87.5	2.5	0.6
203	6/12/2016 18:36:40	15.13	48.24	31.48	7.19	7.94	5.9	3.239	86.7	2.6	0.6
204	6/12/2016 18:51:39	14.84	48.08	31.36	7.24	7.94	5.4	3.286	86.7	2.4	0.6
205	6/12/2016 19:06:40	14.57	48.32	31.53	7.24	7.94	4.1	3.334	86.4	1.8	0.4
206	6/12/2016 19:21:40	14.41	48.23	31.45	7.28	7.94	3.7	3.360	86.5	1.9	0.5
207	6/12/2016 19:36:40	14.32	48.28	31.49	7.16	7.94	2.9	3.365	85.0	2.6	0.6
208	6/12/2016 19:51:40	14.40	48.27	31.49	7.08	7.93	3.0	3.364	84.2	1.4	0.3
209	6/12/2016 20:06:40	14.47	48.26	31.48	7.14	7.93	4.3	3.347	85.0	1.3	0.3
210	6/12/2016 20:21:40	14.66	48.26	31.49	7.00	7.93	3.4	3.303	83.6	1.8	0.4
211	6/12/2016 20:36:40	15.14	48.15	31.42	6.97	7.93	5.0	3.253	84.0	1.9	0.4
212	6/12/2016 20:51:40	15.53	48.22	31.48	7.00	7.94	5.5	3.197	85.1	2.3	0.5
213	6/12/2016 21:06:40	15.67	48.26	31.51	7.13	7.95	6.8	3.124	86.9	2.6	0.6
214	6/12/2016 21:21:40	15.74	48.35	31.57	7.18	7.95	7.2	3.063	87.7	3.2	0.8
215	6/12/2016 21:36:40	16.30	48.22	31.49	7.12	7.95	7.9	2.981	87.8	3.8	0.9
216	6/12/2016 21:51:40	16.61	48.37	31.60	7.07	7.95	7.2	2.910	87.9	2.8	0.7
217	6/12/2016 22:06:40	16.60	48.33	31.57	7.02	7.94	6.8	2.835	87.2	3.5	0.8
218	6/12/2016 22:21:40	16.65	48.32	31.57	7.02	7.94	6.6	2.778	87.3	3.4	0.8
219	6/12/2016 22:36:40	16.79	48.40	31.62	6.96	7.94	6.7	2.707	86.9	3.9	0.9
220	6/12/2016 22:51:40	16.85	48.30	31.56	6.94	7.94	6.5	2.628	86.7	3.5	0.8
221	6/12/2016 23:06:39	17.02	48.35	31.59	6.99	7.94	7.2	2.561	87.5	3.7	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	6/12/2016 23:21:40	17.08	48.35	31.60	6.96	7.94	6.9	2.492	87.3	3.8	0.9
223	6/12/2016 23:36:40	16.99	48.40	31.63	6.92	7.94	7.0	2.429	86.6	4.9	1.1
224	6/12/2016 23:51:40	16.79	48.39	31.62	6.91	7.94	6.5	2.343	86.1	3.6	0.9
225	6/13/2016 00:06:40	16.96	48.42	31.64	6.89	7.94	7.1	2.270	86.2	4.4	1.0
226	6/13/2016 00:21:40	17.17	48.49	31.69	6.94	7.95	7.0	2.207	87.2	4.2	1.0
227	6/13/2016 00:36:40	17.51	48.46	31.67	6.99	7.95	7.2	2.156	88.4	4.3	1.0
228	6/13/2016 00:51:40	17.78	48.54	31.74	7.00	7.96	6.5	2.107	89.1	4.3	1.0
229	6/13/2016 01:06:40	17.83	48.53	31.73	6.93	7.96	6.2	2.071	88.2	4.1	1.0
230	6/13/2016 01:21:39	17.86	48.44	31.66	6.89	7.95	6.0	2.056	87.7	4.0	0.9
231	6/13/2016 01:36:40	18.00	48.57	31.76	6.91	7.95	5.8	2.046	88.2	4.0	1.0
232	6/13/2016 01:51:39	18.04	48.45	31.67	6.97	7.96	5.7	2.039	89.0	4.1	1.0
233	6/13/2016 02:06:39	17.99	48.59	31.77	7.02	7.96	6.2	2.047	89.7	4.5	1.1
234	6/13/2016 02:21:39	17.95	48.58	31.77	6.94	7.95	6.8	2.070	88.6	3.7	0.9
235	6/13/2016 02:36:39	17.77	48.53	31.73	6.98	7.95	6.7	2.117	88.7	3.8	0.9
236	6/13/2016 02:51:40	17.63	48.55	31.74	6.94	7.94	6.6	2.146	88.0	3.7	0.9
237	6/13/2016 03:06:40	17.53	48.45	31.67	6.87	7.93	6.7	2.191	87.0	4.0	0.9
238	6/13/2016 03:21:39	17.91	48.50	31.71	6.79	7.94	7.8	2.250	86.5	4.0	0.9
239	6/13/2016 03:36:39	17.91	48.56	31.75	6.78	7.94	8.1	2.310	86.5	3.2	0.8
240	6/13/2016 03:51:40	17.58	48.49	31.70	6.79	7.93	7.2	2.357	86.1	3.4	0.8
241	6/13/2016 04:06:39	17.42	48.45	31.67	6.75	7.92	6.1	2.406	85.2	3.6	0.8
242	6/13/2016 04:21:39	17.27	48.48	31.69	6.73	7.92	6.0	2.467	84.7	3.7	0.9
243	6/13/2016 04:36:39	17.16	48.39	31.62	6.71	7.92	5.5	2.505	84.3	3.5	0.8
244	6/13/2016 04:51:40	16.99	48.48	31.69	6.71	7.91	5.2	2.556	84.0	3.0	0.7
245	6/13/2016 05:06:39	16.68	48.32	31.56	6.72	7.91	4.8	2.598	83.5	3.5	0.8
246	6/13/2016 05:21:39	16.47	48.37	31.60	6.73	7.91	4.6	2.631	83.4	3.5	0.8
247	6/13/2016 05:36:40	16.39	48.38	31.60	6.69	7.91	4.7	2.683	82.8	2.9	0.7
248	6/13/2016 05:51:40	16.29	48.31	31.55	6.70	7.91	4.2	2.718	82.7	2.5	0.6
249	6/13/2016 06:06:40	16.21	48.38	31.60	6.67	7.91	3.8	2.756	82.3	2.4	0.6
250	6/13/2016 06:21:40	16.18	48.38	31.60	6.55	7.90	3.7	2.790	80.8	2.5	0.6
251	6/13/2016 06:36:40	16.11	48.39	31.61	6.53	7.90	4.0	2.831	80.4	2.4	0.6
252	6/13/2016 06:51:40	16.05	48.33	31.57	6.49	7.90	3.8	2.852	79.7	2.2	0.5
253	6/13/2016 07:06:41	15.98	48.38	31.60	6.44	7.90	3.4	2.873	79.1	2.4	0.6
254	6/13/2016 07:21:39	15.96	48.31	31.55	6.38	7.90	3.0	2.880	78.3	2.2	0.5
255	6/13/2016 07:36:38	16.05	48.29	31.54	6.06	7.88	3.4	2.895	74.5	2.0	0.5
256	6/13/2016 07:51:40	15.99	48.32	31.55	6.28	7.89	3.4	2.907	77.1	1.4	0.3
257	6/13/2016 08:06:40	15.89	48.34	31.57	6.22	7.89	3.1	2.865	76.2	1.8	0.4
258	6/13/2016 08:21:40	15.93	48.31	31.55	6.30	7.89	3.1	2.853	77.2	1.9	0.4

sonde #1

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	6/13/2016 08:36:40	16.02	48.37	31.60	6.39	7.90	3.5	2.822	78.5	1.7	0.4
260	6/13/2016 08:51:40	16.17	48.37	31.60	6.39	7.90	4.5	2.769	78.8	1.7	0.4
261	6/13/2016 09:06:40	16.52	48.51	31.70	6.57	7.91	7.5	2.714	81.5	2.9	0.7
262	6/13/2016 09:21:40	16.40	48.46	31.67	6.94	7.92	6.7	2.651	85.9	2.9	0.7
263	6/13/2016 09:36:40	16.47	48.51	31.70	7.19	7.94	8.4	2.599	89.2	3.0	0.7
264	6/13/2016 09:51:40	16.62	48.48	31.68	7.57	7.96	6.9	2.522	94.2	2.7	0.6
265	6/13/2016 10:06:40	16.85	48.48	31.69	6.84	7.92	6.1	2.458	85.4	2.2	0.5
266	6/13/2016 10:21:40	17.00	48.47	31.68	6.84	7.93	5.8	2.387	85.7	2.5	0.6
267	6/13/2016 10:36:40	17.12	48.47	31.68	7.49	7.99	5.4	2.322	94.1	3.0	0.7
268	6/13/2016 10:51:40	17.30	48.44	31.66	6.75	7.93	5.7	2.274	85.0	2.9	0.7
269	6/13/2016 11:06:40	17.38	48.52	31.72	7.32	7.95	5.3	2.192	92.3	2.7	0.6
270	6/13/2016 11:21:40	17.48	48.49	31.70	7.36	7.96	5.0	2.140	93.1	2.5	0.6
271	6/13/2016 11:36:39	17.49	48.47	31.68	6.64	7.92	5.0	2.083	84.0	2.5	0.6
272	6/13/2016 11:51:39	17.54	48.52	31.72	6.66	7.92	5.0	2.035	84.4	2.4	0.6
273	6/13/2016 12:06:39	17.63	48.47	31.68	6.71	7.93	4.5	2.001	85.1	2.2	0.5
274	6/13/2016 12:21:40	17.70	48.50	31.71	6.56	7.92	4.4	1.960	83.3	2.4	0.6
275	6/13/2016 12:36:40	17.72	48.57	31.76	6.26	7.90	4.5	1.930	79.5	1.5	0.4
276	6/13/2016 12:51:40	17.79	48.53	31.73	6.69	7.93	4.1	1.919	85.2	2.3	0.5
277	6/13/2016 13:06:39	17.79	48.54	31.74	7.33	7.98	4.7	1.908	93.3	3.6	0.8
278	6/13/2016 13:21:40	17.72	48.53	31.73	7.66	7.97	5.5	1.902	97.4	3.5	0.8
279	6/13/2016 13:36:40	17.65	48.54	31.74	6.91	7.93	5.6	1.924	87.7	3.2	0.8
280	6/13/2016 13:51:39	17.70	48.49	31.70	7.13	7.94	5.2	1.940	90.5	4.1	1.0
281	6/13/2016 14:06:39	17.75	48.50	31.70	7.01	7.94	5.8	1.953	89.1	4.0	0.9
282	6/13/2016 14:21:39	17.83	48.46	31.68	6.97	7.93	5.7	2.005	88.7	4.3	1.0
283	6/13/2016 14:36:39	17.80	48.56	31.75	6.91	7.93	5.6	2.035	87.9	3.8	0.9
284	6/13/2016 14:51:40	17.72	48.52	31.72	6.80	7.92	6.0	2.097	86.4	4.6	1.1
285	6/13/2016 15:06:39	17.82	48.48	31.69	6.78	7.92	6.4	2.166	86.3	4.0	0.9
286	6/13/2016 15:21:39	17.70	48.45	31.67	6.75	7.91	5.9	2.205	85.8	3.9	0.9
287	6/13/2016 15:36:39	17.59	48.47	31.68	6.74	7.91	5.4	2.280	85.4	3.7	0.9
288	6/13/2016 15:51:40	17.49	48.47	31.69	6.69	7.91	5.1	2.356	84.5	4.2	1.0
289	6/13/2016 16:06:39	17.42	48.46	31.67	6.61	7.90	5.3	2.421	83.5	4.1	1.0
290	6/13/2016 16:21:40	17.31	48.44	31.66	6.50	7.90	5.0	2.481	81.9	3.6	0.8
291	6/13/2016 16:36:39	17.20	48.36	31.60	6.56	7.90	5.2	2.557	82.4	3.2	0.8
292	6/13/2016 16:51:39	17.02	48.37	31.61	6.67	7.90	5.1	2.631	83.5	2.9	0.7
293	6/13/2016 17:06:39	16.76	48.38	31.61	6.72	7.91	5.1	2.694	83.8	3.0	0.7
294	6/13/2016 17:21:39	16.65	48.16	31.45	6.76	7.91	5.0	2.760	84.0	2.5	0.6
295	6/13/2016 17:36:40	16.54	48.33	31.57	6.76	7.91	4.9	2.836	83.9	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	6/13/2016 17:51:40	16.42	48.32	31.56	6.82	7.91	4.3	2.911	84.4	2.8	0.7
297	6/13/2016 18:06:40	16.33	48.34	31.58	6.87	7.92	5.1	2.968	84.9	2.4	0.6
298	6/13/2016 18:21:40	16.23	48.31	31.55	6.89	7.92	5.7	3.040	85.0	2.5	0.6
299	6/13/2016 18:36:40	15.84	48.35	31.58	6.95	7.92	5.9	3.113	85.1	2.6	0.6
300	6/13/2016 18:51:40	15.59	48.23	31.49	7.00	7.92	6.6	3.174	85.2	2.5	0.6
301	6/13/2016 19:06:40	15.42	48.23	31.48	7.04	7.92	6.2	3.230	85.5	2.5	0.6
302	6/13/2016 19:21:39	15.25	48.25	31.49	7.06	7.92	5.1	3.288	85.3	2.1	0.5
303	6/13/2016 19:36:40	14.95	48.32	31.54	7.10	7.92	4.9	3.335	85.4	2.3	0.5
304	6/13/2016 19:51:40	14.73	48.33	31.54	7.09	7.92	4.4	3.367	84.8	1.9	0.4
305	6/13/2016 20:06:40	14.46	48.33	31.54	7.16	7.92	3.6	3.400	85.2	1.9	0.4
306	6/13/2016 20:21:40	14.38	48.27	31.49	7.03	7.91	3.3	3.402	83.5	1.9	0.5
Mean		16.37	48.29	31.54	7.10	7.94	7.26	2.57	87.78	3.22	0.76
Minimum		13.92	47.85	31.20	6.06	7.88	2.80	1.55	74.50	1.20	0.30
Maximum		18.04	48.59	31.77	8.32	8.03	19.00	3.40	100.20	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

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	6/13/2016 20:51:05	14.40	50.64	33.22	7.99	7.95	2.6	3.390	96.0	1.8	0.4
1	6/13/2016 21:06:05	14.55	50.61	33.20	7.91	7.95	3.2	3.336	95.3	1.8	0.4
2	6/13/2016 21:21:05	14.95	50.67	33.25	7.85	7.95	3.6	3.285	95.3	2.3	0.5
3	6/13/2016 21:36:05	15.39	50.72	33.30	7.72	7.95	4.8	3.236	94.7	2.6	0.6
4	6/13/2016 21:51:05	15.33	50.74	33.31	7.63	7.95	5.6	3.163	93.4	2.6	0.6
5	6/13/2016 22:06:05	15.50	50.73	33.31	7.59	7.95	7.2	3.093	93.2	3.3	0.8
6	6/13/2016 22:21:05	15.85	50.80	33.37	7.69	7.97	6.8	3.013	95.1	2.8	0.7
7	6/13/2016 22:36:05	16.40	50.82	33.39	7.75	7.98	6.3	2.943	96.9	3.0	0.7
8	6/13/2016 22:51:05	16.48	50.86	33.42	7.68	7.98	5.9	2.862	96.2	3.3	0.8
9	6/13/2016 23:06:05	16.77	50.90	33.46	7.63	7.98	7.3	2.780	96.2	3.5	0.8
10	6/13/2016 23:21:05	16.84	50.93	33.48	7.52	7.97	7.9	2.709	94.9	3.9	0.9
11	6/13/2016 23:36:05	17.02	50.87	33.44	7.47	7.97	7.3	2.626	94.6	3.7	0.9
12	6/13/2016 23:51:05	16.63	50.94	33.48	7.28	7.96	6.9	2.540	91.6	3.5	0.8
13	6/14/2016 00:06:05	16.59	50.90	33.45	7.23	7.95	7.2	2.458	90.9	4.0	1.0
14	6/14/2016 00:21:05	16.73	50.86	33.42	7.21	7.96	6.4	2.385	90.7	4.2	1.0
15	6/14/2016 00:36:05	16.82	50.95	33.50	7.39	7.97	6.8	2.283	93.2	3.9	0.9
16	6/14/2016 00:51:05	16.57	50.99	33.52	7.31	7.96	7.9	2.201	91.9	3.9	0.9
17	6/14/2016 01:06:05	16.90	51.01	33.54	7.37	7.97	7.4	2.137	93.2	3.9	0.9
18	6/14/2016 01:21:05	17.23	51.05	33.57	7.47	7.99	6.9	2.062	95.1	4.1	1.0
19	6/14/2016 01:36:05	17.40	51.05	33.57	7.45	7.99	6.5	1.992	95.1	4.8	1.1
20	6/14/2016 01:51:05	17.59	51.08	33.59	7.52	8.00	5.9	1.950	96.3	4.0	1.0
21	6/14/2016 02:06:05	17.80	51.12	33.63	7.48	8.00	5.9	1.915	96.2	4.4	1.1
22	6/14/2016 02:21:05	18.02	51.09	33.60	7.49	8.01	5.3	1.879	96.8	4.7	1.1
23	6/14/2016 02:36:05	18.12	51.17	33.67	7.50	8.01	4.7	1.881	97.1	4.6	1.1
24	6/14/2016 02:51:05	18.16	51.12	33.63	7.56	8.01	5.4	1.872	97.9	3.9	0.9
25	6/14/2016 03:06:05	18.11	51.16	33.66	7.59	8.01	5.3	1.901	98.3	4.4	1.0
26	6/14/2016 03:21:05	18.01	51.11	33.62	7.57	8.00	5.5	1.929	97.8	3.7	0.9
27	6/14/2016 03:36:05	18.01	51.13	33.64	7.53	8.00	5.4	1.965	97.3	3.5	0.8
28	6/14/2016 03:51:05	17.93	51.13	33.63	7.51	8.00	5.5	2.021	97.0	3.6	0.8
29	6/14/2016 04:06:05	17.86	51.09	33.61	7.42	7.99	5.9	2.066	95.6	3.6	0.9
30	6/14/2016 04:21:05	18.11	51.16	33.66	7.19	7.99	8.4	2.126	93.1	4.2	1.0
31	6/14/2016 04:36:05	18.16	51.19	33.68	7.12	7.99	8.9	2.183	92.3	4.0	0.9
32	6/14/2016 04:51:05	17.84	51.13	33.63	7.19	7.98	7.5	2.232	92.6	4.1	1.0
33	6/14/2016 05:06:05	17.71	51.11	33.62	7.14	7.97	6.4	2.291	91.7	3.2	0.8
34	6/14/2016 05:21:05	17.61	51.07	33.59	7.06	7.97	6.0	2.346	90.5	3.6	0.8
35	6/14/2016 05:36:05	17.42	51.08	33.59	7.04	7.97	7.0	2.400	89.9	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
36	6/14/2016 05:51:05	17.20	51.03	33.56	6.88	7.96	5.7	2.450	87.4	3.3	0.8
37	6/14/2016 06:06:05	17.00	51.03	33.56	6.79	7.96	4.7	2.495	86.1	3.2	0.7
38	6/14/2016 06:21:05	16.65	50.95	33.49	6.77	7.95	4.3	2.545	85.1	2.6	0.6
39	6/14/2016 06:36:05	16.50	50.93	33.48	6.76	7.95	4.0	2.597	84.7	2.6	0.6
40	6/14/2016 06:51:06	16.42	51.00	33.52	6.77	7.95	4.0	2.643	84.8	2.4	0.6
41	6/14/2016 07:06:05	16.37	50.91	33.45	6.80	7.95	3.9	2.680	85.0	2.3	0.6
42	6/14/2016 07:21:05	16.34	50.94	33.48	6.75	7.95	3.4	2.723	84.4	2.6	0.6
43	6/14/2016 07:36:05	16.20	50.95	33.48	6.83	7.96	3.2	2.764	85.2	2.3	0.5
44	6/14/2016 07:51:05	16.11	50.94	33.47	6.85	7.96	3.1	2.797	85.3	2.8	0.7
45	6/14/2016 08:06:05	16.09	50.91	33.45	6.84	7.95	3.1	2.821	85.1	2.4	0.6
46	6/14/2016 08:21:05	16.03	50.95	33.48	6.78	7.95	2.8	2.850	84.2	2.4	0.6
47	6/14/2016 08:36:05	15.96	50.94	33.47	6.75	7.95	3.1	2.863	83.8	1.8	0.4
48	6/14/2016 08:51:06	15.93	50.95	33.48	6.66	7.94	3.2	2.876	82.6	2.1	0.5
49	6/14/2016 09:06:05	15.96	50.96	33.49	6.62	7.94	3.2	2.870	82.2	2.3	0.5
50	6/14/2016 09:21:05	15.92	50.93	33.46	6.49	7.93	2.7	2.854	80.4	2.2	0.5
51	6/14/2016 09:36:05	15.90	50.93	33.46	6.45	7.93	3.0	2.836	79.9	1.9	0.5
52	6/14/2016 09:51:05	16.03	50.93	33.46	6.50	7.93	2.8	2.794	80.7	2.4	0.6
53	6/14/2016 10:06:05	16.18	50.95	33.48	6.54	7.94	3.9	2.750	81.5	1.7	0.4
54	6/14/2016 15:51:05	18.00	51.03	33.56	7.32	7.99	4.5	2.241	94.5	3.8	0.9
55	6/14/2016 16:36:05	17.69	51.05	33.58	7.35	7.99	4.9	2.422	94.3	3.9	0.9
56	6/14/2016 17:06:05	17.43	51.04	33.57	7.29	7.98	4.5	2.551	93.1	3.9	0.9
57	6/14/2016 17:21:05	17.33	51.02	33.55	7.00	7.96	4.2	2.618	89.3	4.1	1.0
58	6/14/2016 17:36:05	17.10	51.02	33.55	6.96	7.95	4.7	2.680	88.3	4.0	1.0
59	6/14/2016 17:51:06	16.72	50.99	33.52	6.97	7.95	4.7	2.752	87.9	5.6	1.3
60	6/14/2016 18:06:05	16.46	50.96	33.50	6.93	7.95	4.3	2.824	86.9	3.8	0.9
61	6/14/2016 18:21:05	16.25	50.99	33.51	6.88	7.94	4.4	2.889	85.9	3.9	0.9
62	6/14/2016 18:36:05	16.14	50.98	33.50	6.88	7.94	4.5	2.961	85.6	4.5	1.1
63	6/14/2016 18:51:05	16.09	50.96	33.49	6.93	7.94	4.8	3.031	86.2	5.1	1.2
64	6/14/2016 19:06:05	15.77	50.92	33.46	6.93	7.93	6.2	3.109	85.6	3.3	0.8
65	6/14/2016 19:21:05	15.43	50.93	33.45	7.03	7.93	5.4	3.172	86.3	5.1	1.2
66	6/14/2016 19:36:05	15.20	50.97	33.47	7.07	7.94	5.4	3.236	86.4	3.8	0.9
67	6/14/2016 19:51:05	14.92	50.96	33.47	7.13	7.94	5.1	3.301	86.7	3.2	0.8
68	6/14/2016 20:06:05	14.75	50.99	33.48	7.09	7.94	5.3	3.359	85.9	2.7	0.6
69	6/14/2016 20:21:05	14.54	51.00	33.48	7.11	7.93	4.2	3.400	85.8	3.0	0.7
70	6/14/2016 20:36:05	14.33	51.00	33.47	7.13	7.93	3.7	3.435	85.6	3.0	0.7
71	6/14/2016 20:51:05	14.16	51.00	33.47	7.09	7.93	3.8	3.471	84.9	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
72	6/14/2016 21:06:05	14.04	51.05	33.50	6.96	7.92	2.7	3.476	83.1	2.2	0.5
73	6/14/2016 21:21:05	14.11	51.10	33.55	7.05	7.92	3.3	3.474	84.4	2.2	0.5
74	6/14/2016 21:36:05	14.14	50.97	33.45	6.91	7.92	3.7	3.455	82.7	0.7	0.2
75	6/14/2016 21:51:05	14.33	50.94	33.43	6.90	7.92	4.0	3.423	82.9	2.3	0.5
76	6/14/2016 22:06:05	14.68	50.98	33.47	6.89	7.92	4.1	3.369	83.4	2.5	0.6
77	6/14/2016 22:21:05	15.01	50.96	33.47	6.86	7.92	6.0	3.293	83.5	2.5	0.6
78	6/14/2016 22:36:05	14.74	50.95	33.45	6.94	7.92	6.3	3.226	84.1	2.0	0.5
79	6/14/2016 22:51:05	14.97	50.98	33.48	6.96	7.93	6.2	3.148	84.7	2.8	0.7
80	6/14/2016 23:06:05	15.96	50.96	33.49	7.08	7.96	8.2	3.052	87.9	3.7	0.9
81	6/14/2016 23:21:05	16.32	51.05	33.56	7.12	7.97	7.4	2.975	89.0	3.0	0.7
82	6/14/2016 23:36:05	16.46	51.04	33.55	7.08	7.96	6.1	2.891	88.8	3.7	0.9
83	6/14/2016 23:51:05	16.84	51.06	33.57	7.11	7.97	7.3	2.800	89.8	2.9	0.7
84	6/15/2016 00:06:05	16.97	51.05	33.57	7.06	7.97	8.0	2.707	89.4	3.6	0.9
85	6/15/2016 00:21:05	17.20	51.12	33.62	7.13	7.98	7.8	2.617	90.7	3.0	0.7
86	6/15/2016 00:36:05	17.27	51.11	33.62	7.10	7.98	6.9	2.542	90.4	3.7	0.9
87	6/15/2016 00:51:05	17.23	51.08	33.59	7.08	7.97	7.5	2.439	90.1	3.8	0.9
88	6/15/2016 01:06:05	17.14	51.12	33.62	6.96	7.96	7.8	2.340	88.4	4.0	0.9
89	6/15/2016 01:21:05	17.11	51.14	33.64	7.01	7.97	7.3	2.263	89.0	3.8	0.9
90	6/15/2016 01:36:05	17.15	51.17	33.65	7.01	7.97	6.7	2.178	89.2	3.6	0.9
91	6/15/2016 01:51:05	17.02	51.14	33.64	7.00	7.97	6.5	2.078	88.7	3.5	0.8
92	6/15/2016 02:06:05	17.06	51.22	33.69	7.02	7.97	6.3	2.004	89.1	3.4	0.8
93	6/15/2016 02:21:05	17.35	51.20	33.68	7.08	7.99	6.0	1.931	90.3	3.7	0.9
94	6/15/2016 02:36:05	17.48	51.25	33.72	7.13	8.00	5.9	1.872	91.2	3.8	0.9
95	6/15/2016 02:51:05	17.50	51.26	33.73	7.11	8.00	5.7	1.818	91.1	3.4	0.8
96	6/15/2016 03:06:05	17.77	51.24	33.72	7.25	8.02	5.4	1.758	93.3	3.7	0.9
97	6/15/2016 03:21:05	17.97	51.27	33.74	7.24	8.03	5.3	1.760	93.5	3.8	0.9
98	6/15/2016 03:36:05	17.99	51.28	33.74	7.24	8.03	4.7	1.760	93.6	3.7	0.9
99	6/15/2016 03:51:05	18.04	51.31	33.77	7.39	8.03	4.8	1.762	95.6	4.0	1.0
100	6/15/2016 04:06:05	18.02	51.23	33.71	7.34	8.03	5.1	1.778	94.9	3.1	0.7
101	6/15/2016 04:21:05	18.09	51.24	33.72	7.35	8.03	5.5	1.840	95.2	3.4	0.8
102	6/15/2016 04:36:05	18.09	51.30	33.76	7.35	8.03	5.4	1.881	95.2	3.1	0.7
103	6/15/2016 04:51:05	18.04	51.26	33.73	7.31	8.02	5.7	1.929	94.5	3.5	0.8
104	6/15/2016 05:06:05	17.99	51.22	33.70	7.23	8.01	5.9	1.995	93.4	4.9	1.2
105	6/15/2016 05:21:05	18.17	51.25	33.72	6.94	8.01	9.2	2.059	90.0	3.7	0.9
106	6/15/2016 05:36:05	18.07	51.27	33.74	6.93	8.00	8.2	2.121	89.7	3.6	0.9
107	6/15/2016 05:51:05	17.88	51.25	33.72	6.96	7.99	6.7	2.169	89.7	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
108	6/15/2016 06:06:05	17.80	51.20	33.69	6.95	7.99	6.5	2.234	89.5	3.2	0.8
109	6/15/2016 06:21:05	17.73	51.17	33.67	6.92	7.98	5.9	2.293	89.0	3.2	0.8
110	6/15/2016 06:36:05	17.32	51.13	33.63	6.73	7.95	5.5	2.342	85.8	3.0	0.7
111	6/15/2016 06:51:05	17.14	51.14	33.64	6.61	7.94	5.1	2.400	84.0	2.3	0.5
112	6/15/2016 07:06:05	16.76	51.11	33.61	6.66	7.94	4.3	2.452	84.0	2.6	0.6
113	6/15/2016 07:21:05	16.60	51.09	33.59	6.65	7.93	4.4	2.508	83.6	2.4	0.6
114	6/15/2016 07:36:05	16.53	51.07	33.57	6.64	7.93	4.1	2.567	83.4	2.1	0.5
115	6/15/2016 07:51:05	16.44	51.08	33.58	6.66	7.93	4.0	2.612	83.5	2.4	0.6
116	6/15/2016 08:06:05	16.27	51.07	33.57	6.72	7.93	4.2	2.665	83.9	2.8	0.7
117	6/15/2016 08:21:06	16.17	51.08	33.58	6.75	7.93	4.5	2.724	84.1	2.1	0.5
118	6/15/2016 08:36:05	16.02	51.04	33.54	6.74	7.93	3.9	2.755	83.8	2.3	0.5
119	6/15/2016 08:51:06	15.87	51.01	33.52	6.70	7.93	3.4	2.801	83.0	2.5	0.6
120	6/15/2016 09:06:05	15.81	50.99	33.50	6.64	7.92	3.3	2.859	82.2	2.3	0.5
121	6/15/2016 09:36:06	15.78	51.03	33.53	6.57	7.92	3.1	2.910	81.2	1.9	0.4
122	6/15/2016 09:51:05	15.79	51.02	33.53	6.57	7.91	5.0	2.937	81.3	2.5	0.6
123	6/15/2016 10:06:05	16.10	51.07	33.57	6.45	7.91	3.6	2.945	80.3	2.0	0.5
124	6/15/2016 10:21:05	15.81	51.05	33.55	6.33	7.90	3.5	2.937	78.4	1.6	0.4
125	6/15/2016 10:36:05	15.83	50.97	33.49	6.37	7.90	3.3	2.902	78.9	2.4	0.6
126	6/15/2016 10:51:05	15.85	51.04	33.54	6.44	7.91	3.4	2.880	79.8	2.1	0.5
127	6/15/2016 11:06:06	16.30	51.06	33.56	6.80	7.93	3.4	2.849	85.0	2.5	0.6
128	6/15/2016 11:21:05	16.39	51.02	33.53	6.87	7.94	4.3	2.780	86.0	2.0	0.5
129	6/15/2016 11:36:05	16.58	51.07	33.57	7.14	7.95	4.5	2.727	89.7	7.4	1.7
130	6/15/2016 11:51:05	16.90	51.06	33.57	7.28	7.97	4.7	2.663	92.0	4.1	1.0
131	6/15/2016 12:06:05	16.94	51.08	33.59	7.02	7.96	4.0	2.614	88.9	3.3	0.8
132	6/15/2016 12:21:05	17.26	51.11	33.62	7.22	7.97	4.2	2.540	91.9	2.9	0.7
133	6/15/2016 12:36:05	17.51	51.08	33.60	7.32	7.98	4.4	2.475	93.6	3.2	0.8
134	6/15/2016 12:51:05	17.64	51.15	33.65	7.35	7.99	4.3	2.434	94.4	2.8	0.7
135	6/15/2016 13:06:05	17.71	51.11	33.62	7.33	7.98	4.0	2.362	94.1	2.4	0.6
136	6/15/2016 13:21:05	18.01	51.06	33.58	7.79	8.01	4.5	2.317	100.6	2.5	0.6
137	6/15/2016 13:36:05	18.25	51.11	33.63	7.58	8.01	4.5	2.251	98.4	3.7	0.9
138	6/15/2016 13:51:05	18.33	51.20	33.69	7.61	8.02	4.2	2.221	99.0	2.7	0.6
139	6/15/2016 14:06:05	18.34	51.15	33.65	7.84	8.02	4.3	2.188	102.0	3.1	0.7
140	6/15/2016 14:21:05	18.44	51.15	33.65	7.74	8.02	4.0	2.140	100.9	4.1	1.0
141	6/15/2016 14:36:05	18.47	51.19	33.69	7.69	8.02	3.2	2.124	100.3	3.7	0.9
142	6/15/2016 14:51:05	18.51	51.14	33.64	8.33	8.05	4.5	2.136	108.7	3.1	0.7
143	6/15/2016 15:06:05	18.43	51.19	33.68	7.78	8.02	3.7	2.122	101.3	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
144	6/15/2016 15:21:05	18.38	51.20	33.69	7.68	8.02	3.9	2.118	99.9	2.7	0.6
145	6/15/2016 15:36:06	18.26	51.19	33.68	7.86	8.02	4.5	2.161	102.1	3.3	0.8
146	6/15/2016 15:51:06	18.40	51.19	33.68	7.88	8.02	5.3	2.186	102.6	3.5	0.8
147	6/15/2016 16:06:05	18.47	51.17	33.67	7.69	8.01	4.8	2.221	100.3	4.0	0.9
148	6/15/2016 16:21:05	18.40	51.17	33.67	7.71	8.01	4.8	2.263	100.4	3.8	0.9
149	6/15/2016 16:36:05	18.15	51.10	33.61	7.65	8.00	4.8	2.319	99.1	4.0	0.9
150	6/15/2016 16:51:05	17.93	51.06	33.58	7.60	7.99	4.5	2.382	98.0	3.6	0.8
151	6/15/2016 17:06:05	17.74	51.02	33.56	7.55	7.98	4.3	2.440	97.0	3.0	0.7
152	6/15/2016 17:21:05	17.65	51.06	33.58	7.44	7.98	4.1	2.493	95.4	6.4	1.5
153	6/15/2016 17:36:05	17.54	51.10	33.61	7.33	7.97	4.3	2.559	93.9	5.1	1.2
154	6/15/2016 17:51:05	17.43	51.05	33.57	7.31	7.97	5.0	2.631	93.4	12.9	3.1
155	6/15/2016 18:06:05	17.26	51.03	33.56	7.21	7.96	4.5	2.693	91.8	15.6	3.7
156	6/15/2016 18:21:05	17.02	51.04	33.56	7.08	7.95	4.4	2.759	89.8	21.1	5.0
157	6/15/2016 18:36:06	16.72	51.04	33.56	6.97	7.94	4.8	2.822	87.8	26.4	6.3
158	6/15/2016 18:51:05	16.51	51.01	33.53	6.89	7.93	4.2	2.895	86.4	15.5	3.7
159	6/15/2016 19:06:05	16.35	50.97	33.50	6.96	7.93	4.5	2.982	87.1	6.4	1.5
160	6/15/2016 19:21:05	16.02	51.00	33.52	6.89	7.92	5.6	3.036	85.6	6.5	1.5
161	6/15/2016 19:36:05	15.73	50.97	33.49	6.89	7.92	5.8	3.109	85.2	7.6	1.8
162	6/15/2016 19:51:05	15.27	50.99	33.49	6.91	7.91	6.3	3.195	84.7	9.1	2.2
163	6/15/2016 20:06:06	15.10	51.03	33.52	7.00	7.91	6.5	3.261	85.4	28.2	6.7
164	6/15/2016 20:21:05	14.94	50.99	33.48	7.09	7.92	6.1	3.326	86.2	31.4	7.5
165	6/15/2016 20:36:05	14.71	51.00	33.49	7.13	7.92	5.8	3.388	86.3	44.0	10.4
166	6/15/2016 20:51:05	14.51	51.03	33.50	7.17	7.92	4.7	3.447	86.5	14.7	3.5
167	6/15/2016 21:06:05	14.33	51.03	33.50	7.20	7.92	4.8	3.485	86.5	4.8	1.1
168	6/15/2016 21:21:05	14.00	51.00	33.47	7.27	7.93	4.2	3.515	86.7	24.2	5.7
169	6/15/2016 21:36:05	13.94	51.06	33.51	7.18	7.92	3.1	3.539	85.6	3.5	0.8
170	6/15/2016 21:51:05	13.99	51.13	33.56	7.15	7.92	3.2	3.554	85.4	2.6	0.6
171	6/15/2016 22:06:05	13.91	51.08	33.52	7.14	7.92	3.3	3.547	85.1	2.1	0.5
172	6/15/2016 22:21:05	14.06	51.02	33.48	7.05	7.92	2.9	3.496	84.2	2.2	0.5
173	6/15/2016 22:36:05	14.50	51.01	33.49	6.97	7.91	3.8	3.461	84.0	1.8	0.4
174	6/15/2016 22:51:05	15.20	51.00	33.50	6.73	7.90	6.2	3.396	82.3	2.9	0.7
175	6/15/2016 23:06:05	15.70	50.86	33.41	6.91	7.92	9.2	3.313	85.3	3.1	0.7
176	6/15/2016 23:21:05	15.08	51.03	33.52	6.95	7.92	5.7	3.231	84.7	2.8	0.7
177	6/15/2016 23:36:06	15.97	51.05	33.55	6.94	7.94	6.7	3.142	86.2	2.6	0.6
178	6/15/2016 23:51:05	16.29	51.09	33.59	7.03	7.95	7.0	3.052	87.9	2.2	0.5
179	6/16/2016 00:06:05	16.34	51.07	33.58	6.99	7.94	6.2	2.976	87.5	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
180	6/16/2016 00:21:06	16.43	51.08	33.58	7.04	7.95	6.1	2.878	88.3	2.7	0.6
181	6/16/2016 00:36:05	16.54	51.04	33.55	6.98	7.94	7.0	2.777	87.6	3.1	0.7
182	6/16/2016 00:51:06	16.74	51.09	33.60	6.99	7.94	6.7	2.691	88.1	3.6	0.8
183	6/16/2016 01:06:05	17.05	51.05	33.57	6.96	7.95	6.3	2.601	88.2	2.5	0.6
184	6/16/2016 01:21:05	17.30	51.06	33.58	7.02	7.96	7.2	2.504	89.5	3.2	0.8
185	6/16/2016 01:36:05	17.28	51.13	33.63	6.83	7.95	7.8	2.399	87.0	3.0	0.7
186	6/16/2016 01:51:05	17.38	51.17	33.66	7.04	7.96	8.1	2.296	89.9	3.5	0.8
187	6/16/2016 02:06:05	17.40	51.19	33.67	6.98	7.96	8.2	2.187	89.2	3.7	0.9
188	6/16/2016 02:21:06	17.34	51.21	33.69	7.04	7.96	7.2	2.105	89.8	3.6	0.8
189	6/16/2016 02:36:05	17.54	51.29	33.75	7.14	7.98	7.2	1.998	91.5	3.4	0.8
190	6/16/2016 02:51:06	17.74	51.33	33.78	7.13	7.99	6.4	1.894	91.8	2.9	0.7
191	6/16/2016 03:06:05	17.80	51.28	33.74	7.10	7.99	6.6	1.815	91.5	3.1	0.7
192	6/16/2016 03:21:05	17.90	51.25	33.72	7.08	7.99	5.4	1.751	91.4	3.4	0.8
193	6/16/2016 03:36:05	18.10	51.28	33.75	7.18	8.00	6.1	1.693	93.0	3.3	0.8
194	6/16/2016 03:51:05	18.22	51.29	33.75	7.26	8.00	6.0	1.641	94.2	3.0	0.7
195	6/16/2016 04:06:05	18.37	51.39	33.83	7.35	8.02	5.9	1.628	95.8	3.0	0.7
196	6/16/2016 04:21:05	18.45	51.38	33.82	7.27	8.02	4.3	1.629	94.9	3.3	0.8
197	6/16/2016 04:36:05	18.43	51.35	33.80	7.46	8.02	4.9	1.622	97.3	3.3	0.8
198	6/16/2016 04:51:05	18.42	51.38	33.82	7.46	8.03	5.0	1.657	97.2	3.4	0.8
199	6/16/2016 05:06:05	18.48	51.42	33.85	7.48	8.03	5.0	1.710	97.6	3.0	0.7
200	6/16/2016 05:21:05	18.50	51.37	33.82	7.51	8.03	4.9	1.758	98.1	3.2	0.8
201	6/16/2016 05:36:05	18.45	51.36	33.81	7.48	8.02	5.2	1.822	97.5	2.5	0.6
202	6/16/2016 05:51:05	18.47	51.34	33.80	7.33	8.01	6.1	1.881	95.6	3.6	0.8
203	6/16/2016 06:06:05	18.59	51.33	33.78	7.13	8.00	7.5	1.960	93.2	3.1	0.7
204	6/16/2016 06:21:05	18.53	51.34	33.79	7.10	8.00	7.5	2.018	92.8	3.0	0.7
205	6/16/2016 06:36:05	18.29	51.34	33.79	7.13	8.00	6.6	2.080	92.7	3.2	0.8
206	6/16/2016 06:51:05	18.09	51.32	33.78	7.12	7.99	6.0	2.150	92.3	2.8	0.7
207	6/16/2016 07:06:05	18.01	51.22	33.70	7.11	7.98	5.1	2.203	91.9	3.1	0.7
208	6/16/2016 07:21:05	17.81	51.23	33.71	7.01	7.97	5.6	2.281	90.3	2.3	0.5
209	6/16/2016 07:36:05	17.56	51.17	33.66	6.91	7.96	5.4	2.335	88.5	3.0	0.7
210	6/16/2016 07:51:05	17.34	51.14	33.64	6.86	7.95	5.2	2.404	87.5	2.8	0.7
211	6/16/2016 08:06:05	17.13	51.12	33.62	6.84	7.94	5.0	2.477	87.0	2.7	0.6
212	6/16/2016 08:21:05	17.02	51.14	33.64	6.83	7.94	4.8	2.530	86.6	2.6	0.6
213	6/16/2016 08:36:06	16.88	51.16	33.64	6.81	7.93	4.9	2.597	86.1	2.6	0.6
214	6/16/2016 08:51:05	16.71	51.11	33.61	6.76	7.93	4.7	2.662	85.2	2.5	0.6
215	6/16/2016 09:06:05	16.57	51.11	33.60	6.72	7.92	4.3	2.720	84.4	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
216	6/16/2016 09:21:05	16.44	51.07	33.57	6.67	7.92	4.2	2.771	83.6	2.3	0.5
217	6/16/2016 09:36:06	16.36	51.09	33.59	6.67	7.91	4.3	2.832	83.4	2.0	0.5
218	6/16/2016 09:51:06	16.29	51.11	33.60	6.58	7.90	4.2	2.887	82.3	2.3	0.6
219	6/16/2016 10:06:06	16.22	51.07	33.57	6.54	7.90	3.7	2.920	81.7	2.1	0.5
220	6/16/2016 10:21:05	16.09	51.02	33.54	6.45	7.89	3.7	2.954	80.3	2.0	0.5
221	6/16/2016 10:36:05	15.87	51.04	33.54	6.50	7.90	3.6	3.005	80.6	2.2	0.5
222	6/16/2016 10:51:05	15.75	50.99	33.50	6.56	7.90	3.1	3.020	81.1	1.9	0.4
223	6/16/2016 11:06:05	15.99	51.03	33.54	6.79	7.92	3.9	3.026	84.3	2.0	0.5
224	6/16/2016 11:21:06	15.75	51.07	33.56	6.43	7.89	3.0	3.014	79.5	1.3	0.3
225	6/16/2016 11:36:06	15.79	51.03	33.53	6.40	7.89	3.1	2.998	79.2	1.9	0.4
226	6/16/2016 11:51:05	15.91	51.00	33.52	6.43	7.89	4.3	2.969	79.7	1.9	0.5
227	6/16/2016 12:06:06	16.21	51.08	33.58	6.57	7.90	3.5	2.911	82.0	1.8	0.4
228	6/16/2016 12:21:06	16.56	51.12	33.61	6.80	7.92	5.0	2.843	85.5	2.3	0.5
229	6/16/2016 12:36:05	16.84	51.08	33.59	7.01	7.93	5.0	2.797	88.6	1.9	0.4
230	6/16/2016 12:51:05	17.11	51.10	33.61	6.89	7.94	4.8	2.726	87.5	2.2	0.5
231	6/16/2016 13:06:06	17.29	50.95	33.50	7.12	7.95	4.4	2.658	90.7	2.5	0.6
232	6/16/2016 13:21:06	17.47	51.09	33.60	7.30	7.96	5.1	2.583	93.4	2.3	0.5
233	6/16/2016 13:36:06	17.77	51.06	33.58	7.46	7.98	4.5	2.525	95.9	2.5	0.6
234	6/16/2016 13:51:05	17.87	50.97	33.52	7.48	7.99	3.9	2.483	96.4	2.4	0.6
235	6/16/2016 14:06:06	18.03	51.06	33.59	7.66	8.00	3.5	2.401	99.0	2.2	0.5
236	6/16/2016 14:21:05	18.35	51.07	33.59	7.73	8.01	4.5	2.359	100.6	2.9	0.7
237	6/16/2016 14:36:05	18.48	51.08	33.60	7.99	8.03	4.3	2.317	104.2	2.3	0.5
238	6/16/2016 14:51:05	18.64	51.13	33.64	7.92	8.02	3.9	2.270	103.6	2.2	0.5
239	6/16/2016 15:06:05	18.70	51.15	33.65	8.10	8.04	3.5	2.240	106.1	2.8	0.7
240	6/16/2016 15:21:05	18.82	51.16	33.66	7.99	8.04	4.2	2.198	104.9	2.8	0.7
241	6/16/2016 15:36:05	18.96	51.16	33.66	8.23	8.05	3.7	2.194	108.3	4.1	1.0
242	6/16/2016 15:51:05	18.76	51.07	33.59	8.42	8.06	4.3	2.192	110.3	3.7	0.9
243	6/16/2016 16:06:05	18.68	51.18	33.67	8.04	8.03	3.7	2.184	105.3	3.1	0.7
244	6/16/2016 16:21:05	18.63	51.09	33.61	8.18	8.03	4.3	2.209	106.9	3.2	0.8
245	6/16/2016 16:36:05	18.68	51.13	33.64	8.02	8.02	4.2	2.238	105.0	3.4	0.8
246	6/16/2016 16:51:05	18.85	51.11	33.63	8.03	8.03	4.8	2.282	105.4	4.1	1.0
247	6/16/2016 17:06:05	18.53	51.06	33.59	7.93	8.01	4.7	2.327	103.5	3.8	0.9
248	6/16/2016 17:21:05	18.43	51.07	33.59	7.79	8.00	4.6	2.386	101.4	3.4	0.8
249	6/16/2016 17:36:05	18.40	51.04	33.57	7.85	8.00	4.9	2.443	102.1	3.3	0.8
250	6/16/2016 17:51:05	18.13	50.96	33.51	7.77	7.99	5.0	2.508	100.6	2.5	0.6
251	6/16/2016 18:06:05	17.97	51.00	33.54	7.66	7.99	4.4	2.578	98.8	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
252	6/16/2016 18:21:05	17.86	50.99	33.54	7.51	7.97	4.6	2.635	96.7	3.3	0.8
253	6/16/2016 18:36:05	17.72	50.97	33.52	7.34	7.96	4.7	2.697	94.3	3.0	0.7
254	6/16/2016 18:51:06	17.41	51.02	33.55	7.11	7.94	4.5	2.768	90.8	2.7	0.6
255	6/16/2016 19:06:05	16.90	50.97	33.51	6.88	7.92	4.3	2.837	87.0	2.0	0.5
256	6/16/2016 19:21:06	16.55	51.04	33.56	6.79	7.91	4.8	2.907	85.3	2.5	0.6
257	6/16/2016 19:36:05	16.46	51.01	33.53	6.73	7.91	4.7	2.982	84.4	2.9	0.7
258	6/16/2016 19:51:05	16.16	51.03	33.54	6.80	7.91	5.3	3.060	84.7	2.6	0.6
259	6/16/2016 20:06:05	15.71	51.01	33.52	6.94	7.91	6.2	3.131	85.7	2.3	0.5
260	6/16/2016 20:21:06	15.41	50.93	33.45	7.08	7.92	5.9	3.204	86.9	2.4	0.6
261	6/16/2016 20:36:05	15.12	50.98	33.49	7.30	7.93	7.3	3.280	89.1	2.5	0.6
262	6/16/2016 20:51:05	14.80	51.02	33.50	7.41	7.94	6.3	3.359	89.9	2.4	0.6
263	6/16/2016 21:06:05	14.62	51.01	33.49	7.49	7.94	6.3	3.415	90.5	2.5	0.6
264	6/16/2016 21:21:05	14.39	50.99	33.47	7.60	7.96	5.1	3.471	91.4	2.2	0.5
265	6/16/2016 21:36:05	14.29	51.03	33.49	7.66	7.96	4.7	3.539	91.9	2.4	0.6
266	6/16/2016 21:51:05	14.20	50.95	33.43	7.73	7.96	4.1	3.567	92.6	2.3	0.5
267	6/16/2016 22:06:05	14.18	51.00	33.47	7.72	7.97	3.5	3.593	92.5	2.2	0.5
268	6/16/2016 22:21:05	14.12	51.00	33.47	7.66	7.96	2.7	3.615	91.7	3.3	0.8
269	6/16/2016 22:36:05	14.12	50.99	33.46	7.74	7.97	3.2	3.609	92.6	1.5	0.4
270	6/16/2016 22:51:05	14.38	50.99	33.47	7.48	7.96	3.7	3.578	90.0	2.4	0.6
271	6/16/2016 23:06:05	14.47	51.03	33.50	7.52	7.96	3.2	3.533	90.6	2.0	0.5
272	6/16/2016 23:21:05	14.68	51.02	33.50	7.34	7.94	3.5	3.479	88.8	1.9	0.5
273	6/16/2016 23:36:05	15.67	51.02	33.53	6.96	7.92	6.9	3.404	85.9	2.5	0.6
274	6/16/2016 23:51:05	15.03	51.05	33.53	7.29	7.94	6.1	3.309	88.9	2.8	0.7
275	6/17/2016 00:06:05	15.92	51.07	33.56	7.29	7.95	6.2	3.227	90.5	2.5	0.6
276	6/17/2016 00:21:05	16.19	51.07	33.57	7.08	7.94	5.9	3.134	88.3	3.0	0.7
277	6/17/2016 00:36:05	16.17	50.99	33.51	7.11	7.94	6.4	3.038	88.5	2.8	0.7
278	6/17/2016 00:51:05	16.44	51.06	33.57	6.95	7.93	6.3	2.929	87.1	3.0	0.7
279	6/17/2016 01:06:06	16.57	51.10	33.60	6.91	7.93	6.8	2.829	86.8	2.7	0.6
280	6/17/2016 01:21:05	16.75	51.08	33.58	6.72	7.91	5.9	2.745	84.7	2.7	0.6
281	6/17/2016 01:36:05	17.03	51.10	33.61	6.74	7.92	6.2	2.626	85.4	3.5	0.8
282	6/17/2016 01:51:05	17.27	51.12	33.62	6.84	7.92	7.2	2.526	87.1	3.4	0.8
283	6/17/2016 02:06:05	17.61	51.15	33.65	7.02	7.95	7.9	2.422	90.1	5.2	1.2
284	6/17/2016 02:21:05	17.76	51.19	33.68	7.15	7.97	9.6	2.311	92.0	3.6	0.9
285	6/17/2016 02:36:05	17.70	51.24	33.72	7.15	7.96	8.1	2.189	92.0	4.1	1.0
286	6/17/2016 02:51:05	17.99	51.21	33.69	7.29	7.98	8.6	2.064	94.2	3.5	0.8
287	6/17/2016 03:06:05	17.74	51.21	33.69	6.98	7.96	7.4	1.966	89.7	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
288	6/17/2016 03:21:05	18.08	51.28	33.75	7.11	7.98	7.3	1.866	92.1	3.4	0.8
289	6/17/2016 03:36:05	18.24	51.31	33.77	7.12	7.98	6.5	1.753	92.5	3.1	0.7
290	6/17/2016 03:51:05	18.49	51.33	33.78	7.21	7.99	6.4	1.676	94.1	3.9	0.9
291	6/17/2016 04:06:05	18.64	51.36	33.81	7.22	7.99	6.2	1.598	94.5	3.7	0.9
292	6/17/2016 04:21:05	18.68	51.36	33.81	7.22	7.99	6.9	1.538	94.6	3.9	0.9
293	6/17/2016 04:36:05	18.87	51.39	33.83	7.23	8.00	6.7	1.500	95.0	3.2	0.8
294	6/17/2016 04:51:05	19.09	51.40	33.84	7.41	8.01	6.1	1.484	97.9	4.3	1.0
295	6/17/2016 05:06:05	19.14	51.33	33.79	7.41	8.02	5.2	1.499	97.9	4.0	1.0
296	6/17/2016 05:21:05	19.08	51.36	33.81	7.54	8.02	4.8	1.501	99.5	4.1	1.0
297	6/17/2016 05:36:05	18.99	51.41	33.85	7.48	8.02	4.8	1.560	98.6	3.3	0.8
298	6/17/2016 05:51:05	19.13	51.38	33.82	7.59	8.02	5.3	1.619	100.2	3.1	0.7
299	6/17/2016 06:06:05	19.08	51.37	33.82	7.59	8.02	5.1	1.669	100.2	3.0	0.7
300	6/17/2016 06:21:05	19.09	51.37	33.82	7.43	8.01	6.3	1.748	98.1	3.1	0.7
301	6/17/2016 06:36:05	19.22	51.32	33.78	7.18	8.00	9.0	1.816	95.0	3.5	0.8
302	6/17/2016 06:51:05	19.09	51.30	33.77	7.27	8.00	7.5	1.882	96.0	3.4	0.8
303	6/17/2016 07:06:05	18.94	51.32	33.78	7.28	8.00	7.3	1.955	95.8	3.3	0.8
304	6/17/2016 07:21:05	18.82	51.31	33.77	7.26	7.99	6.4	2.026	95.4	2.7	0.6
305	6/17/2016 07:36:05	18.73	51.23	33.71	7.25	7.99	6.2	2.100	95.1	3.0	0.7
306	6/17/2016 07:51:05	18.54	51.24	33.72	7.23	7.98	5.5	2.161	94.5	3.1	0.7
307	6/17/2016 08:06:05	18.23	51.20	33.69	7.14	7.97	5.0	2.246	92.7	3.2	0.8
308	6/17/2016 08:21:05	18.03	51.23	33.71	7.09	7.97	5.7	2.325	91.7	2.9	0.7
309	6/17/2016 08:36:05	17.82	51.16	33.66	7.03	7.96	5.7	2.393	90.6	2.7	0.6
310	6/17/2016 08:51:05	17.68	51.11	33.62	7.00	7.95	5.0	2.471	89.8	2.1	0.5
311	6/17/2016 09:06:05	17.49	51.11	33.61	6.97	7.94	5.1	2.542	89.1	2.4	0.6
312	6/17/2016 09:21:05	17.27	51.11	33.62	6.93	7.94	5.7	2.617	88.2	2.5	0.6
313	6/17/2016 09:36:05	17.09	51.10	33.61	6.89	7.93	5.3	2.682	87.5	2.4	0.6
314	6/17/2016 09:51:05	16.96	51.05	33.57	6.88	7.93	5.4	2.740	87.1	2.5	0.6
315	6/17/2016 10:06:05	16.85	51.04	33.56	6.79	7.92	5.0	2.817	85.7	2.8	0.7
316	6/17/2016 10:21:05	16.74	51.06	33.58	6.78	7.92	4.8	2.869	85.5	4.0	0.9
317	6/17/2016 10:36:06	16.57	51.06	33.57	6.77	7.91	4.6	2.919	85.1	3.7	0.9
318	6/17/2016 10:51:05	16.35	51.01	33.53	6.76	7.91	4.1	2.971	84.5	3.6	0.9
319	6/17/2016 11:06:05	16.25	51.01	33.53	6.71	7.91	4.3	3.011	83.8	2.9	0.7
320	6/17/2016 11:21:06	16.11	51.03	33.54	6.66	7.90	3.8	3.044	83.0	2.1	0.5
321	6/17/2016 11:36:06	16.02	51.03	33.54	6.63	7.90	4.7	3.057	82.4	2.1	0.5
322	6/17/2016 11:51:05	16.16	51.05	33.56	6.70	7.91	3.4	3.065	83.6	1.7	0.4
323	6/17/2016 12:06:05	15.99	51.04	33.54	6.54	7.89	3.0	3.070	81.3	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
324	6/17/2016 12:21:05	16.07	50.98	33.50	6.50	7.89	2.9	3.033	80.9	1.6	0.4
325	6/17/2016 12:36:06	16.16	51.03	33.54	6.60	7.90	3.4	2.993	82.2	2.0	0.5
326	6/17/2016 12:51:05	16.39	51.06	33.56	6.69	7.91	5.1	2.938	83.7	1.9	0.5
327	6/17/2016 13:06:05	16.88	51.00	33.53	7.03	7.94	5.1	2.895	88.8	2.1	0.5
328	6/17/2016 13:21:05	17.27	51.08	33.59	7.26	7.95	5.2	2.829	92.5	2.4	0.6
329	6/17/2016 13:36:05	17.49	51.07	33.59	7.34	7.95	5.1	2.750	93.9	1.7	0.4
330	6/17/2016 13:51:05	17.67	51.09	33.60	7.40	7.97	4.8	2.693	95.1	2.5	0.6
331	6/17/2016 14:06:05	17.89	51.12	33.63	7.43	7.97	4.7	2.631	95.9	2.9	0.7
332	6/17/2016 14:21:05	18.11	51.07	33.59	7.56	7.98	5.0	2.573	97.9	2.6	0.6
333	6/17/2016 14:36:05	18.33	51.11	33.62	7.69	7.99	4.3	2.505	99.9	2.5	0.6
334	6/17/2016 14:51:05	18.58	51.16	33.66	7.83	8.01	4.3	2.458	102.3	2.5	0.6
335	6/17/2016 15:06:05	18.75	51.18	33.67	7.93	8.02	4.3	2.419	103.9	3.2	0.8
336	6/17/2016 15:21:05	18.82	51.17	33.67	8.06	8.02	3.9	2.360	105.8	2.4	0.6
337	6/17/2016 15:36:05	19.05	51.13	33.64	8.11	8.03	4.0	2.317	106.9	2.8	0.7
338	6/17/2016 15:51:05	19.18	51.16	33.66	8.07	8.04	3.4	2.287	106.7	2.8	0.7
339	6/17/2016 16:06:05	19.18	51.22	33.71	8.13	8.03	4.1	2.271	107.5	2.6	0.6
340	6/17/2016 16:21:05	19.32	51.15	33.65	8.28	8.05	4.2	2.247	109.6	3.3	0.8
341	6/17/2016 16:36:05	19.33	51.16	33.66	8.67	8.07	5.0	2.243	114.9	3.4	0.8
342	6/17/2016 16:51:05	19.09	51.09	33.61	8.33	8.04	4.0	2.265	109.8	3.3	0.8
343	6/17/2016 17:06:05	19.07	51.15	33.65	8.33	8.04	4.2	2.263	109.8	3.2	0.8
344	6/17/2016 17:21:05	19.10	51.20	33.69	8.23	8.03	4.3	2.315	108.5	4.2	1.0
345	6/17/2016 17:36:05	19.25	51.18	33.68	8.21	8.04	4.4	2.349	108.7	4.4	1.0
346	6/17/2016 17:51:05	18.88	51.16	33.66	8.02	8.01	4.4	2.394	105.3	4.3	1.0
347	6/17/2016 18:06:05	18.77	51.10	33.62	7.98	8.01	4.7	2.458	104.6	4.1	1.0
348	6/17/2016 18:21:05	18.87	51.11	33.62	8.08	8.01	5.3	2.512	106.1	3.8	0.9
349	6/17/2016 18:36:05	18.49	51.10	33.62	8.03	8.01	5.6	2.587	104.7	3.7	0.9
350	6/17/2016 18:51:05	18.29	51.10	33.61	7.98	8.01	5.0	2.646	103.6	3.8	0.9
351	6/17/2016 19:06:05	18.14	51.08	33.60	7.85	7.99	4.7	2.724	101.7	3.5	0.8
352	6/17/2016 19:21:05	17.84	51.04	33.57	7.58	7.97	4.8	2.785	97.6	3.2	0.8
353	6/17/2016 19:36:05	17.44	51.05	33.57	7.45	7.96	4.7	2.860	95.2	2.8	0.7
354	6/17/2016 19:51:06	16.85	51.05	33.57	7.37	7.95	5.3	2.942	93.1	2.4	0.6
355	6/17/2016 20:06:06	16.60	51.04	33.56	7.33	7.95	7.7	3.009	92.2	2.9	0.7
356	6/17/2016 20:21:05	16.54	50.94	33.48	7.35	7.95	4.4	3.086	92.3	2.8	0.7
357	6/17/2016 20:36:05	16.06	51.03	33.54	7.49	7.96	5.6	3.164	93.2	2.8	0.7
358	6/17/2016 20:51:05	15.70	51.00	33.51	7.54	7.96	6.1	3.239	93.1	2.4	0.6
359	6/17/2016 21:06:05	15.45	50.97	33.48	7.57	7.97	5.7	3.316	93.1	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
360	6/17/2016 21:21:05	15.28	50.98	33.48	7.68	7.97	5.4	3.395	94.0	2.9	0.7
361	6/17/2016 21:36:05	15.05	50.98	33.48	7.87	7.99	6.1	3.466	96.0	2.8	0.7
362	6/17/2016 21:51:05	14.82	50.95	33.45	8.05	8.01	4.8	3.523	97.7	2.7	0.6
363	6/17/2016 22:06:05	14.73	50.96	33.46	8.14	8.01	4.8	3.581	98.5	2.3	0.5
364	6/17/2016 22:21:05	14.59	50.93	33.43	8.26	8.02	4.0	3.628	99.8	2.1	0.5
365	6/17/2016 22:36:05	14.53	50.93	33.43	8.31	8.02	3.4	3.660	100.2	2.1	0.5
366	6/17/2016 22:51:05	14.50	51.00	33.48	8.19	8.02	3.9	3.669	98.7	2.6	0.6
367	6/17/2016 23:06:05	14.56	50.96	33.46	8.16	8.02	2.9	3.677	98.5	2.1	0.5
368	6/17/2016 23:21:05	14.86	50.96	33.46	7.87	8.00	2.8	3.654	95.6	2.6	0.6
369	6/17/2016 23:36:05	14.80	50.96	33.46	8.01	8.01	3.9	3.606	97.1	2.2	0.5
370	6/17/2016 23:51:05	15.06	50.94	33.45	7.87	8.00	3.9	3.543	96.0	2.4	0.6
371	6/18/2016 00:06:06	15.34	50.98	33.49	7.62	7.98	6.6	3.470	93.4	2.5	0.6
372	6/18/2016 00:21:06	14.98	51.02	33.51	7.74	7.98	6.1	3.386	94.2	2.6	0.6
373	6/18/2016 00:36:05	15.81	51.04	33.54	7.60	7.98	6.5	3.287	94.0	2.6	0.6
374	6/18/2016 00:51:05	16.38	51.06	33.57	7.43	7.97	7.0	3.190	93.0	3.0	0.7
375	6/18/2016 01:06:05	16.45	50.99	33.52	7.41	7.97	7.5	3.100	92.9	3.1	0.7
376	6/18/2016 01:21:05	16.63	50.98	33.51	7.39	7.96	7.8	2.996	92.9	3.2	0.8
377	6/18/2016 01:36:06	16.75	51.06	33.57	7.29	7.96	6.7	2.890	91.9	3.6	0.9
378	6/18/2016 01:51:06	16.88	51.10	33.60	7.31	7.95	6.0	2.776	92.5	3.3	0.8
379	6/18/2016 02:06:05	17.06	51.04	33.56	7.18	7.95	6.9	2.674	91.1	3.8	0.9
380	6/18/2016 02:21:05	17.50	51.02	33.55	7.20	7.95	7.2	2.572	92.1	3.8	0.9
381	6/18/2016 02:36:05	17.71	51.16	33.65	7.29	7.96	7.0	2.450	93.7	2.9	0.7
382	6/18/2016 02:51:05	17.99	51.16	33.66	7.29	7.98	8.9	2.324	94.2	4.2	1.0
383	6/18/2016 03:06:05	18.17	51.22	33.71	7.39	7.99	9.5	2.199	95.9	3.9	0.9
384	6/18/2016 03:21:05	18.20	51.24	33.72	7.42	7.99	8.6	2.087	96.2	4.0	0.9
385	6/18/2016 03:36:05	18.39	51.21	33.70	7.37	7.99	7.2	1.966	95.9	3.8	0.9
386	6/18/2016 03:51:05	18.52	51.24	33.72	7.32	8.00	7.2	1.838	95.6	4.2	1.0
387	6/18/2016 04:06:05	18.75	51.29	33.76	7.38	8.00	7.7	1.726	96.8	4.2	1.0
388	6/18/2016 04:21:05	18.77	51.25	33.73	7.33	7.99	6.8	1.623	96.2	4.3	1.0
389	6/18/2016 04:36:05	18.86	51.29	33.75	7.31	7.99	6.5	1.536	96.1	4.4	1.0
390	6/18/2016 04:51:05	18.84	51.23	33.71	7.24	7.98	6.5	1.455	95.1	4.1	1.0
391	6/18/2016 05:06:05	19.03	51.32	33.78	7.28	7.99	6.8	1.399	96.0	4.1	1.0
392	6/18/2016 05:21:05	19.21	51.31	33.77	7.23	8.00	6.7	1.385	95.7	4.6	1.1
393	6/18/2016 05:36:05	19.48	51.36	33.81	7.26	8.00	5.7	1.388	96.5	4.7	1.1
394	6/18/2016 05:51:05	19.58	51.40	33.84	7.57	8.02	5.1	1.390	100.8	4.3	1.0
395	6/18/2016 06:06:05	19.53	51.34	33.80	7.57	8.02	5.1	1.436	100.8	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
396	6/18/2016 06:21:05	19.56	51.36	33.81	7.61	8.03	5.5	1.516	101.3	3.5	0.8
397	6/18/2016 06:36:05	19.59	51.38	33.82	7.63	8.03	5.1	1.567	101.7	3.5	0.8
398	6/18/2016 06:51:05	19.49	51.34	33.79	7.59	8.02	5.0	1.624	100.9	3.5	0.8
399	6/18/2016 07:06:05	19.68	51.30	33.76	7.33	8.01	7.8	1.713	97.8	4.2	1.0
400	6/18/2016 07:21:05	19.72	51.29	33.75	7.25	8.01	8.7	1.790	96.8	4.4	1.0
401	6/18/2016 07:36:05	19.49	51.32	33.78	7.36	8.01	7.5	1.839	97.9	3.9	0.9
402	6/18/2016 07:51:05	19.38	51.32	33.78	7.38	8.01	6.5	1.915	97.9	3.5	0.8
403	6/18/2016 08:06:05	19.33	51.30	33.77	7.40	8.01	6.5	2.001	98.1	3.5	0.8
404	6/18/2016 08:21:05	19.28	51.32	33.78	7.43	8.01	6.4	2.085	98.4	3.4	0.8
405	6/18/2016 08:36:05	18.96	51.28	33.75	7.41	8.00	6.0	2.159	97.5	3.8	0.9
406	6/18/2016 08:51:05	18.56	51.20	33.69	7.30	7.98	5.6	2.240	95.4	3.3	0.8
407	6/18/2016 09:06:05	18.26	51.18	33.67	7.24	7.97	5.9	2.332	94.1	2.8	0.7
408	6/18/2016 09:21:05	18.13	51.18	33.68	7.23	7.97	5.6	2.417	93.6	2.8	0.7
409	6/18/2016 09:36:05	17.91	51.12	33.63	7.21	7.96	5.9	2.494	93.0	3.0	0.7
410	6/18/2016 09:51:05	17.69	51.08	33.60	7.20	7.95	5.1	2.581	92.5	2.7	0.7
411	6/18/2016 10:06:05	17.53	51.10	33.61	7.20	7.95	5.7	2.658	92.2	3.3	0.8
412	6/18/2016 10:21:05	17.38	51.01	33.54	7.22	7.95	6.0	2.740	92.1	3.0	0.7
413	6/18/2016 10:36:05	17.33	51.09	33.60	7.18	7.95	5.9	2.798	91.6	3.0	0.7
414	6/18/2016 10:51:06	17.23	51.08	33.59	7.18	7.95	5.1	2.869	91.4	2.2	0.5
415	6/18/2016 11:06:05	17.05	51.04	33.56	7.21	7.95	6.3	2.934	91.5	3.1	0.7
416	6/18/2016 11:21:05	16.82	51.01	33.54	7.17	7.95	4.9	2.986	90.5	2.8	0.7
417	6/18/2016 11:36:05	16.69	50.99	33.52	7.08	7.94	4.3	3.040	89.1	2.7	0.6
418	6/18/2016 11:51:05	16.50	50.99	33.52	7.05	7.94	4.2	3.076	88.4	2.8	0.7
419	6/18/2016 12:06:05	16.35	50.97	33.50	7.12	7.94	3.7	3.112	89.0	2.1	0.5
420	6/18/2016 12:21:05	16.22	50.99	33.51	7.16	7.95	3.7	3.140	89.3	2.2	0.5
421	6/18/2016 12:36:05	16.26	51.00	33.52	7.13	7.93	3.3	3.138	89.1	1.9	0.4
422	6/18/2016 12:51:05	16.25	50.95	33.49	7.01	7.94	3.2	3.129	87.5	2.2	0.5
423	6/18/2016 13:06:06	16.40	50.99	33.52	6.93	7.93	3.6	3.110	86.8	2.3	0.5
424	6/18/2016 13:21:06	16.55	50.94	33.48	6.97	7.93	3.8	3.065	87.5	1.7	0.4
425	6/18/2016 13:36:06	16.81	51.00	33.53	6.99	7.94	4.2	3.007	88.2	2.4	0.6
426	6/18/2016 13:51:06	17.37	50.98	33.52	7.36	7.96	5.3	2.942	93.8	2.4	0.6
427	6/18/2016 14:06:05	17.83	50.97	33.52	7.58	7.98	4.8	2.885	97.5	3.2	0.8
428	6/18/2016 14:21:05	17.99	51.00	33.54	7.64	7.99	5.5	2.810	98.6	2.5	0.6
429	6/18/2016 14:36:05	18.26	51.07	33.59	7.77	8.00	5.5	2.741	100.9	2.9	0.7
430	6/18/2016 14:51:05	18.51	51.09	33.61	7.90	8.01	5.6	2.671	103.0	2.6	0.6
431	6/18/2016 15:06:05	18.79	51.13	33.64	8.11	8.03	5.9	2.602	106.3	2.9	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	Fluorescence %FS
432	6/18/2016 15:21:05	19.08	51.08	33.61	8.24	8.04	6.2	2.546	108.6	3.1	0.7
433	6/18/2016 15:36:05	19.24	51.15	33.66	8.30	8.05	5.9	2.482	109.7	3.2	0.8
434	6/18/2016 15:51:05	19.44	51.16	33.66	8.40	8.05	5.2	2.433	111.5	3.2	0.8
435	6/18/2016 16:06:05	19.51	51.15	33.65	8.45	8.06	5.3	2.377	112.3	3.2	0.8
436	6/18/2016 16:21:05	19.62	51.18	33.68	8.53	8.06	4.7	2.331	113.7	3.4	0.8
437	6/18/2016 16:36:05	19.84	51.17	33.67	8.59	8.08	4.5	2.309	114.9	3.3	0.8
438	6/18/2016 16:51:05	19.84	51.14	33.65	8.50	8.07	5.1	2.280	113.7	3.4	0.8
439	6/18/2016 17:06:05	20.04	51.23	33.71	8.50	8.07	5.8	2.266	114.2	3.9	0.9
440	6/18/2016 17:21:05	19.98	51.15	33.65	9.14	8.12	5.1	2.276	122.5	3.6	0.8
441	6/18/2016 17:36:05	19.93	51.18	33.67	8.90	8.09	5.0	2.295	119.2	4.2	1.0
442	6/18/2016 17:51:05	19.95	51.20	33.69	8.75	8.08	5.2	2.329	117.3	4.5	1.1
443	6/18/2016 18:06:04	20.03	51.23	33.71	8.72	8.08	5.3	2.364	117.0	5.4	1.3
444	6/18/2016 18:21:05	19.99	51.22	33.70	8.53	8.07	5.7	2.417	114.5	5.0	1.2
445	6/18/2016 18:36:05	19.69	51.14	33.65	8.47	8.05	5.9	2.480	113.0	4.2	1.0
446	6/18/2016 18:51:05	19.65	51.13	33.64	8.44	8.05	4.9	2.547	112.5	4.4	1.1
447	6/18/2016 19:06:04	19.57	51.14	33.65	8.38	8.04	5.3	2.609	111.6	4.1	1.0
448	6/18/2016 19:21:05	19.35	51.10	33.62	8.38	8.04	5.2	2.674	111.1	4.2	1.0
449	6/18/2016 19:36:05	19.23	51.04	33.57	8.28	8.03	4.6	2.749	109.4	3.7	0.9
450	6/18/2016 19:51:05	18.73	51.04	33.57	8.05	8.01	5.5	2.821	105.5	3.2	0.8
451	6/18/2016 20:06:06	18.20	51.04	33.57	7.86	8.00	5.4	2.880	101.9	3.5	0.8
452	6/18/2016 20:21:06	17.73	50.98	33.52	7.82	7.99	5.3	2.956	100.5	2.6	0.6
453	6/18/2016 20:36:06	17.36	51.00	33.54	7.80	7.99	5.1	3.041	99.4	3.2	0.8
454	6/18/2016 20:51:05	17.16	50.97	33.51	7.79	7.99	5.0	3.113	98.9	2.8	0.7
455	6/18/2016 21:06:06	16.95	50.95	33.49	7.78	7.99	5.4	3.186	98.4	3.1	0.7
456	6/18/2016 21:21:05	16.51	50.97	33.50	7.89	8.00	6.0	3.270	99.0	3.1	0.7
457	6/18/2016 21:36:06	16.16	50.95	33.49	7.91	8.01	6.2	3.358	98.6	3.1	0.7
458	6/18/2016 21:51:06	15.84	50.88	33.42	8.10	8.02	7.0	3.433	100.3	2.6	0.6
459	6/18/2016 22:06:05	15.67	50.87	33.42	8.22	8.03	5.4	3.506	101.3	2.7	0.6
460	6/18/2016 22:21:05	15.22	50.86	33.40	8.48	8.05	5.5	3.574	103.7	2.4	0.6
461	6/18/2016 22:36:05	15.06	50.83	33.37	8.53	8.05	4.7	3.634	103.9	2.2	0.5
462	6/18/2016 22:51:05	14.91	50.90	33.42	8.63	8.06	6.1	3.679	104.8	2.7	0.6
463	6/18/2016 23:06:05	14.79	50.91	33.42	8.78	8.07	6.2	3.706	106.4	2.4	0.6
464	6/18/2016 23:21:05	14.90	50.92	33.44	8.57	8.07	19.2	3.727	104.1	2.8	0.7
465	6/18/2016 23:36:06	14.84	50.95	33.46	8.55	8.06	2.5	3.722	103.7	3.3	0.8
466	6/18/2016 23:51:05	14.97	50.95	33.45	8.37	8.06	3.2	3.702	101.8	2.0	0.5
467	6/19/2016 00:06:05	15.21	50.84	33.38	8.24	8.04	2.9	3.659	100.7	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
468	6/19/2016 00:21:05	15.48	50.92	33.44	7.99	8.02	6.0	3.600	98.2	2.5	0.6
469	6/19/2016 00:36:05	15.24	50.88	33.41	8.16	8.03	6.2	3.521	99.8	2.9	0.7
470	6/19/2016 00:51:05	15.11	50.92	33.44	8.37	8.05	5.3	3.437	102.1	2.6	0.6
471	6/19/2016 01:06:05	15.22	51.05	33.54	8.29	8.04	5.3	3.339	101.4	2.9	0.7
472	6/19/2016 01:21:05	16.44	51.00	33.52	7.70	8.00	8.3	3.242	96.5	3.6	0.8
473	6/19/2016 01:36:05	17.06	51.08	33.59	7.50	7.99	10.1	3.140	95.2	3.4	0.8
474	6/19/2016 01:51:05	17.30	51.08	33.59	7.38	7.98	10.1	3.025	94.0	4.5	1.1
475	6/19/2016 02:06:05	17.42	51.03	33.56	7.48	7.99	10.3	2.917	95.5	4.2	1.0
476	6/19/2016 02:21:05	17.76	51.16	33.66	7.30	7.98	9.3	2.818	93.9	4.1	1.0
477	6/19/2016 02:36:06	18.06	51.16	33.66	7.38	7.99	11.4	2.686	95.4	4.2	1.0
478	6/19/2016 02:51:05	17.74	51.14	33.64	7.34	7.96	10.2	2.570	94.3	4.4	1.1
479	6/19/2016 03:06:05	17.98	51.14	33.64	7.37	8.00	10.6	2.461	95.2	4.2	1.0
480	6/19/2016 03:21:05	17.96	51.14	33.65	7.46	8.00	10.6	2.317	96.3	3.9	0.9
481	6/19/2016 03:36:05	17.95	51.16	33.65	7.30	7.99	11.8	2.190	94.2	5.5	1.3
482	6/19/2016 03:51:05	18.31	51.25	33.73	7.34	8.01	11.4	2.061	95.4	4.1	1.0
483	6/19/2016 04:06:05	18.39	51.25	33.73	7.25	8.00	11.5	1.930	94.4	4.9	1.2
484	6/19/2016 04:21:05	18.43	51.28	33.75	7.18	7.99	11.3	1.779	93.6	4.6	1.1
485	6/19/2016 04:36:05	18.66	51.30	33.76	7.21	8.00	10.8	1.670	94.4	4.8	1.1
486	6/19/2016 04:51:05	18.60	51.27	33.74	7.15	7.99	10.3	1.550	93.4	4.3	1.0
487	6/19/2016 05:06:05	18.73	51.29	33.76	7.17	7.99	10.3	1.433	93.9	4.8	1.1
488	6/19/2016 05:21:05	18.83	51.31	33.77	7.13	7.99	8.9	1.365	93.7	4.3	1.0
489	6/19/2016 05:36:05	18.88	51.32	33.78	7.01	7.99	9.2	1.282	92.2	5.1	1.2
490	6/19/2016 05:51:05	18.95	51.31	33.77	7.02	7.99	7.6	1.267	92.4	4.6	1.1
491	6/19/2016 06:06:05	18.95	51.37	33.82	7.14	8.00	7.2	1.261	94.0	4.3	1.0
492	6/19/2016 06:21:05	18.98	51.37	33.81	7.15	8.00	6.7	1.261	94.2	3.9	0.9
493	6/19/2016 06:36:05	19.05	51.41	33.84	7.15	8.00	8.5	1.338	94.4	4.1	1.0
494	6/19/2016 06:51:05	19.23	51.43	33.86	7.13	8.01	8.8	1.367	94.3	4.5	1.1
495	6/19/2016 07:06:05	19.08	51.37	33.82	7.16	8.00	7.6	1.433	94.5	4.1	1.0
496	6/19/2016 07:21:05	19.12	51.39	33.83	7.15	8.00	8.3	1.509	94.5	4.1	1.0
497	6/19/2016 07:36:05	19.12	51.38	33.82	7.14	8.00	8.1	1.571	94.3	3.6	0.8
498	6/19/2016 07:51:05	19.24	51.35	33.80	6.95	8.00	10.6	1.642	92.0	5.0	1.2
499	6/19/2016 08:06:05	19.21	51.33	33.79	7.00	8.01	10.6	1.718	92.6	4.8	1.1
500	6/19/2016 08:21:05	19.12	51.32	33.78	7.07	8.00	10.2	1.797	93.4	4.3	1.0
501	6/19/2016 08:36:05	19.11	51.34	33.79	7.06	8.00	9.4	1.866	93.3	3.7	0.9
502	6/19/2016 08:51:05	19.12	51.37	33.82	7.11	8.01	9.7	1.969	93.9	9.7	2.3
503	6/19/2016 09:06:05	19.12	51.31	33.77	7.09	8.01	9.0	2.038	93.6	31.4	7.5

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
504	6/19/2016 09:21:05	18.82	51.28	33.75	7.13	8.00	9.8	2.132	93.6	10.3	2.5
505	6/19/2016 09:36:05	18.31	51.18	33.67	7.23	7.99	8.4	2.236	94.0	4.2	1.0
506	6/19/2016 09:51:05	18.18	51.13	33.63	7.26	7.99	8.0	2.307	94.1	3.4	0.8
507	6/19/2016 10:06:05	18.07	51.13	33.64	7.28	7.98	7.6	2.397	94.2	12.7	3.0
508	6/19/2016 10:21:06	17.97	51.13	33.64	7.31	7.98	7.3	2.491	94.4	4.9	1.2
509	6/19/2016 10:36:05	17.83	51.06	33.59	7.34	7.98	7.9	2.583	94.5	14.5	3.4
510	6/19/2016 10:51:06	17.66	51.08	33.60	7.36	7.98	9.1	2.658	94.5	17.1	4.1
511	6/19/2016 11:06:06	17.55	51.08	33.60	7.36	7.98	8.7	2.734	94.2	12.1	2.9
512	6/19/2016 11:21:06	17.34	51.03	33.55	7.42	7.98	10.0	2.813	94.6	11.8	2.8
513	6/19/2016 11:36:06	17.14	50.99	33.53	7.43	7.98	9.3	2.887	94.4	5.5	1.3
514	6/19/2016 11:51:06	16.99	51.00	33.53	7.25	7.97	8.6	2.945	91.9	5.6	1.3
515	6/19/2016 12:06:06	16.66	50.96	33.50	7.25	7.97	7.8	3.000	91.2	21.6	5.1
516	6/19/2016 12:21:05	16.31	50.89	33.44	7.42	7.98	6.4	3.070	92.7	14.2	3.4
517	6/19/2016 12:36:05	16.08	50.92	33.46	7.59	8.00	5.6	3.100	94.4	33.4	7.9
518	6/19/2016 12:51:05	15.92	50.89	33.44	7.69	8.01	5.0	3.136	95.3	21.4	5.1
519	6/19/2016 13:06:05	15.78	50.85	33.40	7.82	8.02	4.4	3.163	96.6	2.8	0.7
520	6/19/2016 13:21:05	15.93	50.92	33.46	7.70	8.02	4.5	3.149	95.5	1.6	0.4
521	6/19/2016 13:36:05	16.00	50.92	33.45	7.47	8.00	4.1	3.142	92.8	1.5	0.4
522	6/19/2016 13:51:05	16.05	50.92	33.46	7.50	8.00	4.2	3.105	93.2	2.9	0.7
523	6/19/2016 14:06:05	16.36	50.94	33.48	7.38	7.99	4.5	3.063	92.2	2.6	0.6
524	6/19/2016 14:21:05	17.16	50.98	33.52	7.47	7.99	6.7	2.996	94.9	1.9	0.5
525	6/19/2016 14:36:06	17.71	51.07	33.59	7.61	8.00	5.6	2.938	97.7	2.8	0.7
526	6/19/2016 14:51:05	17.97	51.01	33.55	7.73	8.01	5.9	2.874	99.7	2.2	0.5
527	6/19/2016 15:06:05	18.19	51.08	33.60	7.93	8.02	6.2	2.795	102.7	2.2	0.5
528	6/19/2016 15:21:05	18.47	51.02	33.56	8.06	8.03	5.4	2.734	105.0	2.6	0.6
529	6/19/2016 15:36:05	18.69	51.09	33.61	8.03	8.03	5.5	2.661	105.1	2.9	0.7
530	6/19/2016 15:51:05	18.90	51.08	33.60	8.05	8.03	5.4	2.594	105.7	2.8	0.7
531	6/19/2016 16:06:05	19.14	51.14	33.65	8.18	8.04	6.5	2.534	107.9	2.6	0.6
532	6/19/2016 16:21:05	19.24	51.12	33.63	8.15	8.04	4.9	2.473	107.7	2.9	0.7
533	6/19/2016 16:36:05	19.36	51.17	33.67	8.25	8.05	5.3	2.417	109.4	2.9	0.7
534	6/19/2016 16:51:05	19.53	51.17	33.67	8.33	8.06	5.1	2.375	110.8	2.8	0.7
535	6/19/2016 17:06:05	19.48	51.18	33.68	8.17	8.04	3.9	2.336	108.5	3.2	0.8
536	6/19/2016 17:21:05	19.60	51.16	33.66	8.27	8.06	10.1	2.303	110.2	3.4	0.8
537	6/19/2016 17:36:05	19.70	51.20	33.69	8.12	8.04	3.6	2.276	108.4	3.3	0.8
538	6/19/2016 17:51:05	19.82	51.16	33.66	8.18	8.06	3.7	2.271	109.3	4.3	1.0
539	6/19/2016 18:06:05	19.59	51.18	33.68	8.67	8.08	5.1	2.291	115.4	4.6	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
540	6/19/2016 18:21:05	19.61	51.18	33.68	8.64	8.07	4.5	2.299	115.0	4.3	1.0
541	6/19/2016 18:36:05	19.58	51.13	33.64	8.42	8.06	5.0	2.333	112.1	4.0	0.9
542	6/19/2016 18:51:05	19.51	51.16	33.66	8.35	8.05	5.4	2.388	111.0	4.1	1.0
543	6/19/2016 19:06:05	19.37	51.12	33.63	8.33	8.05	6.4	2.440	110.4	4.0	1.0
544	6/19/2016 19:21:05	19.80	51.11	33.62	8.47	8.06	7.2	2.509	113.2	4.8	1.1
545	6/19/2016 19:36:05	19.34	51.10	33.62	8.37	8.05	7.2	2.575	110.9	4.1	1.0
546	6/19/2016 19:51:05	19.08	51.06	33.58	8.32	8.04	6.0	2.651	109.6	4.0	0.9
547	6/19/2016 20:06:05	18.87	51.05	33.58	8.16	8.03	5.7	2.719	107.1	3.7	0.9
548	6/19/2016 20:21:06	18.54	51.05	33.58	8.02	8.03	6.4	2.791	104.7	3.1	0.7
549	6/19/2016 20:36:06	17.98	50.98	33.52	7.96	8.02	6.2	2.870	102.8	3.2	0.8
550	6/19/2016 20:51:06	17.34	50.98	33.52	7.86	8.01	5.8	2.937	100.2	2.5	0.6
551	6/19/2016 21:06:05	17.11	50.92	33.48	7.84	8.02	5.7	3.018	99.5	3.0	0.7
552	6/19/2016 21:21:05	16.86	50.91	33.46	7.68	8.01	11.4	3.097	97.0	2.8	0.7
553	6/19/2016 21:36:05	16.30	50.91	33.45	7.71	8.01	6.7	3.174	96.4	3.3	0.8
554	6/19/2016 21:51:05	15.79	50.90	33.44	7.71	8.01	7.2	3.262	95.3	3.0	0.7
555	6/19/2016 22:06:06	15.43	50.93	33.46	7.68	8.00	7.5	3.343	94.3	2.6	0.6
556	6/19/2016 22:21:06	15.08	50.95	33.46	8.03	8.02	6.6	3.423	97.9	3.6	0.9
557	6/19/2016 22:36:06	14.61	51.03	33.50	8.23	8.03	6.7	3.500	99.5	2.5	0.6
558	6/19/2016 22:51:05	14.35	51.03	33.50	8.28	8.03	5.0	3.571	99.6	2.3	0.6
559	6/19/2016 23:06:05	14.18	51.00	33.47	8.32	8.03	4.8	3.635	99.6	2.4	0.6
560	6/19/2016 23:21:05	14.05	51.02	33.48	8.44	8.04	4.1	3.684	100.8	2.9	0.7
561	6/19/2016 23:36:05	14.01	51.05	33.50	8.54	8.05	3.6	3.727	101.9	2.7	0.6
562	6/19/2016 23:51:05	13.96	51.06	33.51	8.52	8.06	2.8	3.754	101.6	2.1	0.5
563	6/20/2016 00:06:05	14.35	51.07	33.53	8.29	8.04	4.2	3.754	99.7	2.2	0.5
564	6/20/2016 00:21:05	14.05	51.03	33.49	8.42	8.05	2.5	3.745	100.5	2.1	0.5
565	6/20/2016 00:36:05	14.14	51.01	33.48	8.35	8.04	2.9	3.717	100.0	1.5	0.4
566	6/20/2016 00:51:05	14.37	50.99	33.47	8.27	8.04	3.7	3.655	99.4	2.0	0.5
567	6/20/2016 01:06:05	15.32	51.05	33.54	7.71	8.01	5.5	3.587	94.6	2.5	0.6
568	6/20/2016 01:21:05	15.63	51.06	33.55	7.71	8.01	10.1	3.495	95.1	3.1	0.7
569	6/20/2016 01:36:05	14.65	51.08	33.54	7.99	8.02	5.7	3.404	96.6	2.3	0.5
570	6/20/2016 01:51:05	16.09	51.06	33.56	7.68	8.01	9.5	3.298	95.6	2.7	0.6
571	6/20/2016 02:06:05	16.24	51.08	33.58	7.69	8.01	7.4	3.198	96.0	2.1	0.5
572	6/20/2016 02:21:05	16.45	51.11	33.60	7.60	8.01	6.7	3.091	95.3	2.9	0.7
573	6/20/2016 02:36:05	16.63	51.01	33.54	7.54	8.00	9.7	2.970	94.8	3.1	0.7
574	6/20/2016 02:51:05	16.95	51.05	33.57	7.48	8.00	6.9	2.862	94.7	3.3	0.8
575	6/20/2016 03:06:05	17.35	51.09	33.60	7.48	8.00	8.6	2.746	95.4	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
576	6/20/2016 03:21:06	17.67	51.14	33.64	7.37	7.99	9.4	2.627	94.7	3.0	0.7
577	6/20/2016 03:36:06	17.64	51.16	33.66	7.43	7.99	9.1	2.495	95.3	2.8	0.7
578	6/20/2016 03:51:05	17.76	51.19	33.68	7.42	7.99	10.7	2.367	95.5	2.8	0.7
579	6/20/2016 04:06:06	18.18	51.25	33.73	7.34	8.00	9.0	2.246	95.3	3.4	0.8
580	6/20/2016 04:21:06	18.26	51.26	33.73	7.27	7.99	10.8	2.081	94.5	4.2	1.0
581	6/20/2016 04:36:05	18.57	51.30	33.76	7.37	8.00	10.8	1.955	96.3	4.0	0.9
582	6/20/2016 04:51:05	18.52	51.29	33.76	7.20	7.99	8.9	1.825	94.0	4.0	0.9
583	6/20/2016 05:06:06	18.84	51.34	33.80	7.23	7.99	8.4	1.684	94.9	4.3	1.0
584	6/20/2016 05:21:05	19.01	51.30	33.76	7.31	8.00	7.2	1.550	96.3	4.1	1.0
585	6/20/2016 05:36:05	18.90	51.30	33.77	7.26	7.99	7.8	1.427	95.5	4.5	1.1
586	6/20/2016 05:51:05	18.98	51.31	33.78	7.21	7.99	7.2	1.339	95.0	3.7	0.9
587	6/20/2016 06:06:05	19.02	51.36	33.81	7.17	7.99	6.4	1.245	94.5	3.5	0.8
588	6/20/2016 06:21:05	19.01	51.36	33.81	7.09	7.98	5.8	1.184	93.5	3.6	0.9
589	6/20/2016 06:36:05	19.06	51.37	33.82	7.04	7.98	4.9	1.169	92.9	4.1	1.0
590	6/20/2016 06:51:05	19.12	51.37	33.82	7.21	7.99	6.1	1.177	95.2	4.5	1.1
591	6/20/2016 07:06:05	19.32	51.38	33.83	7.23	8.00	5.6	1.227	95.9	3.3	0.8
592	6/20/2016 07:21:05	19.50	51.43	33.86	7.24	8.00	5.9	1.288	96.4	4.0	0.9
593	6/20/2016 07:36:05	19.64	51.54	33.94	7.27	8.01	5.9	1.367	97.0	3.8	0.9
594	6/20/2016 07:51:05	19.61	51.52	33.92	7.28	8.01	6.1	1.426	97.2	3.8	0.9
595	6/20/2016 08:06:05	19.71	51.48	33.90	7.15	8.00	7.1	1.498	95.6	3.6	0.8
596	6/20/2016 08:21:05	19.86	51.33	33.79	6.96	7.99	9.3	1.587	93.1	4.4	1.0
597	6/20/2016 08:36:05	19.81	51.32	33.78	7.02	7.99	8.7	1.649	93.8	3.7	0.9
598	6/20/2016 08:51:05	19.70	51.45	33.88	7.10	8.00	8.3	1.732	94.8	3.8	0.9
599	6/20/2016 09:06:05	19.63	51.42	33.85	7.12	8.00	7.6	1.808	95.0	4.1	1.0
600	6/20/2016 09:21:05	19.54	51.41	33.84	7.12	7.99	7.7	1.886	94.7	4.0	0.9
601	6/20/2016 09:36:05	19.50	51.42	33.85	7.17	8.00	7.0	1.978	95.4	3.8	0.9
602	6/20/2016 09:51:05	19.15	51.33	33.79	7.20	7.99	6.9	2.071	95.2	3.2	0.8
603	6/20/2016 10:06:05	18.89	51.32	33.78	7.26	7.99	7.2	2.172	95.5	3.8	0.9
604	6/20/2016 10:21:05	18.70	51.20	33.69	7.26	7.99	8.5	2.263	95.1	2.7	0.6
605	6/20/2016 10:36:05	18.53	51.25	33.72	7.27	7.99	7.8	2.362	94.9	3.2	0.8
606	6/20/2016 10:51:05	18.23	51.20	33.69	7.25	7.98	7.0	2.457	94.1	3.1	0.7
607	6/20/2016 11:06:05	18.05	51.13	33.64	7.24	7.98	8.0	2.549	93.7	2.5	0.6
608	6/20/2016 11:21:06	17.88	51.11	33.62	7.27	7.98	10.1	2.632	93.7	2.6	0.6
609	6/20/2016 11:36:05	17.79	51.12	33.63	7.25	7.98	8.4	2.718	93.3	2.9	0.7
610	6/20/2016 11:51:06	17.65	51.14	33.64	7.23	7.98	7.5	2.797	92.8	2.5	0.6
611	6/20/2016 12:06:06	17.34	51.08	33.60	7.28	7.98	9.0	2.873	92.8	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
612	6/20/2016 12:21:06	17.00	51.10	33.60	7.11	7.96	7.7	2.944	90.1	2.4	0.6
613	6/20/2016 12:36:06	16.75	51.08	33.58	6.98	7.95	7.3	3.011	88.0	2.5	0.6
614	6/20/2016 12:51:06	16.44	51.06	33.57	7.07	7.96	6.1	3.067	88.6	2.1	0.5
615	6/20/2016 13:06:05	15.95	51.05	33.55	7.18	7.97	6.1	3.122	89.2	2.2	0.5
616	6/20/2016 13:21:05	15.72	51.02	33.53	7.32	7.98	4.9	3.158	90.4	2.6	0.6
617	6/20/2016 13:36:06	15.55	51.05	33.54	7.40	7.98	4.8	3.187	91.1	2.1	0.5
618	6/20/2016 13:51:06	15.80	50.94	33.46	7.34	7.98	4.5	3.194	90.8	1.8	0.4
619	6/20/2016 14:06:05	15.59	51.01	33.52	7.21	7.97	3.6	3.201	88.9	1.4	0.3
620	6/20/2016 14:21:05	15.63	51.04	33.54	7.19	7.97	3.7	3.166	88.7	1.4	0.3
621	6/20/2016 14:36:06	15.80	51.03	33.54	7.13	7.97	4.1	3.131	88.3	1.2	0.3
622	6/20/2016 14:51:05	16.29	51.05	33.56	7.06	7.96	4.5	3.073	88.2	1.9	0.4
623	6/20/2016 15:06:06	17.45	51.04	33.56	7.38	7.99	6.9	3.005	94.3	2.1	0.5
624	6/20/2016 15:21:06	17.92	51.06	33.58	7.48	8.00	6.1	2.953	96.4	2.2	0.5
625	6/20/2016 15:36:05	17.93	51.10	33.61	7.57	8.00	6.4	2.859	97.6	2.1	0.5
626	6/20/2016 15:51:05	18.28	51.08	33.60	7.76	8.02	6.4	2.787	100.7	2.8	0.7
627	6/20/2016 16:06:06	18.64	51.17	33.67	8.03	8.04	5.7	2.719	105.0	2.8	0.7
628	6/20/2016 16:21:05	18.92	51.16	33.66	8.00	8.04	5.6	2.654	105.2	3.6	0.8
629	6/20/2016 16:36:05	19.16	51.21	33.70	8.13	8.04	7.0	2.587	107.3	2.7	0.6
630	6/20/2016 16:51:05	19.36	51.21	33.70	8.27	8.06	6.4	2.513	109.7	3.1	0.7
631	6/20/2016 17:06:05	19.42	51.23	33.71	8.15	8.05	5.0	2.469	108.2	3.0	0.7
632	6/20/2016 17:21:05	19.56	51.21	33.70	8.22	8.06	5.5	2.417	109.4	2.6	0.6
633	6/20/2016 17:36:05	19.66	51.25	33.73	8.10	8.05	5.1	2.362	108.0	3.5	0.8
634	6/20/2016 17:51:05	19.55	51.19	33.68	8.19	8.05	4.8	2.315	109.0	2.5	0.6
635	6/20/2016 18:06:05	19.69	51.25	33.73	8.21	8.06	4.8	2.306	109.6	3.3	0.8
636	6/20/2016 18:21:05	19.82	51.27	33.74	8.13	8.06	4.4	2.289	108.7	3.2	0.8
637	6/20/2016 18:36:05	19.93	51.24	33.72	8.35	8.08	10.4	2.282	111.9	4.2	1.0
638	6/20/2016 18:51:05	19.64	51.20	33.69	8.45	8.07	4.7	2.299	112.6	3.4	0.8
639	6/20/2016 19:06:05	19.77	51.24	33.72	8.51	8.08	5.1	2.325	113.7	4.4	1.0
640	6/20/2016 19:21:05	19.69	51.21	33.70	8.41	8.07	5.3	2.371	112.1	4.0	0.9
641	6/20/2016 19:36:05	19.79	51.25	33.73	8.35	8.06	5.8	2.412	111.6	3.8	0.9
642	6/20/2016 19:51:05	19.58	51.24	33.72	8.32	8.06	5.6	2.477	110.8	3.6	0.9
643	6/20/2016 20:06:05	19.84	51.19	33.68	8.28	8.06	6.8	2.548	110.7	4.2	1.0
644	6/20/2016 20:21:05	19.81	51.21	33.69	8.24	8.05	7.5	2.620	110.2	3.7	0.9
645	6/20/2016 20:36:05	19.37	51.14	33.65	8.16	8.04	7.3	2.689	108.2	3.8	0.9
646	6/20/2016 20:51:05	19.10	51.11	33.62	8.13	8.05	6.4	2.761	107.2	4.0	1.0
647	6/20/2016 21:06:05	18.57	51.09	33.61	7.84	8.02	6.1	2.839	102.4	5.3	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
648	6/20/2016 21:21:05	17.95	51.09	33.61	7.56	8.00	7.1	2.912	97.5	3.3	0.8
649	6/20/2016 21:36:06	17.34	51.08	33.60	7.46	7.99	7.0	2.990	95.1	2.9	0.7
650	6/20/2016 21:51:05	16.72	51.02	33.54	7.28	7.97	5.9	3.067	91.7	2.5	0.6
651	6/20/2016 22:06:05	16.46	50.98	33.51	7.10	7.96	6.6	3.146	89.0	2.9	0.7
652	6/20/2016 22:21:05	15.82	51.07	33.56	6.95	7.94	6.5	3.228	86.1	22.6	5.4
653	6/20/2016 22:36:05	15.39	51.01	33.51	7.04	7.95	5.9	3.306	86.4	2.2	0.5
654	6/20/2016 22:51:06	15.13	51.07	33.55	7.26	7.96	6.6	3.386	88.7	2.4	0.6
655	6/20/2016 23:06:05	14.58	51.08	33.54	7.42	7.96	6.5	3.466	89.6	6.2	1.5
656	6/20/2016 23:21:05	14.29	51.10	33.55	7.38	7.96	5.9	3.527	88.6	15.5	3.7
657	6/20/2016 23:36:05	13.95	51.09	33.53	7.33	7.95	5.0	3.595	87.4	2.1	0.5
658	6/20/2016 23:51:05	13.81	51.13	33.55	7.37	7.95	4.9	3.652	87.6	2.6	0.6
659	6/21/2016 00:06:05	13.68	51.12	33.55	7.44	7.95	3.6	3.692	88.2	2.1	0.5
660	6/21/2016 00:21:05	13.61	51.14	33.55	7.47	7.95	2.9	3.728	88.5	1.7	0.4
661	6/21/2016 00:36:05	13.61	51.10	33.53	7.38	7.95	2.4	3.745	87.4	1.1	0.3
662	6/21/2016 00:51:05	13.80	51.17	33.58	7.30	7.95	2.8	3.735	86.9	1.9	0.4
663	6/21/2016 01:06:05	13.75	51.14	33.56	7.28	7.94	2.7	3.714	86.5	1.4	0.3
664	6/21/2016 01:21:05	13.81	51.14	33.56	7.32	7.95	2.6	3.663	87.1	1.4	0.3
665	6/21/2016 01:36:05	14.23	51.14	33.57	7.15	7.95	4.2	3.590	85.8	1.7	0.4
666	6/21/2016 01:51:05	14.34	51.11	33.55	7.13	7.94	6.2	3.521	85.7	1.5	0.4
667	6/21/2016 02:06:06	14.58	51.13	33.58	7.23	7.95	6.4	3.422	87.4	1.7	0.4
668	6/21/2016 02:21:05	15.43	51.12	33.60	7.11	7.95	7.0	3.317	87.4	2.9	0.7
669	6/21/2016 02:36:05	16.01	51.19	33.65	7.08	7.96	7.6	3.213	88.1	2.0	0.5
670	6/21/2016 02:51:05	16.13	51.22	33.68	7.03	7.96	6.8	3.114	87.7	2.9	0.7
671	6/21/2016 03:06:06	16.56	51.22	33.69	7.04	7.96	8.0	2.997	88.5	2.7	0.6
672	6/21/2016 03:21:06	16.93	51.24	33.71	7.01	7.96	6.9	2.888	88.7	2.9	0.7
673	6/21/2016 03:36:05	17.22	51.20	33.68	7.09	7.96	8.7	2.755	90.3	3.0	0.7
674	6/21/2016 03:51:06	17.76	51.25	33.72	7.12	7.97	9.1	2.645	91.6	3.1	0.7
675	6/21/2016 04:06:05	17.65	51.27	33.74	7.04	7.96	10.4	2.506	90.4	2.8	0.7
676	6/21/2016 04:21:05	17.92	51.25	33.73	7.25	7.98	10.8	2.379	93.6	3.5	0.8
677	6/21/2016 04:36:05	18.09	51.32	33.77	7.22	7.99	8.9	2.260	93.5	3.5	0.8
678	6/21/2016 04:51:05	18.03	51.35	33.80	7.02	7.97	10.5	2.107	90.8	3.7	0.9
679	6/21/2016 05:06:06	18.27	51.40	33.83	7.10	7.98	11.9	1.981	92.3	3.4	0.8
680	6/21/2016 05:21:06	18.34	51.39	33.83	7.07	7.97	10.0	1.833	92.0	3.9	0.9
681	6/21/2016 05:36:06	18.49	51.44	33.86	7.08	7.97	10.3	1.690	92.4	3.6	0.9
682	6/21/2016 05:51:05	18.67	51.40	33.84	7.08	7.98	10.0	1.543	92.7	3.2	0.8
683	6/21/2016 06:06:05	18.80	51.40	33.84	7.09	7.98	10.4	1.431	93.1	3.2	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	Fluorescence %FS
684	6/21/2016 06:21:05	18.88	51.41	33.85	7.06	7.98	9.2	1.326	92.9	3.3	0.8
685	6/21/2016 06:36:05	18.87	51.39	33.83	7.01	7.98	13.8	1.212	92.2	3.0	0.7
686	6/21/2016 06:51:05	18.94	51.49	33.91	7.00	7.98	11.1	1.134	92.3	3.2	0.7
687	6/21/2016 07:06:05	19.07	51.48	33.90	6.90	7.98	7.8	1.103	91.1	3.5	0.8
688	6/21/2016 07:21:05	19.07	51.51	33.92	7.08	7.99	8.4	1.108	93.5	3.4	0.8
689	6/21/2016 07:36:05	19.11	51.48	33.90	7.05	7.99	7.3	1.145	93.2	3.0	0.7
690	6/21/2016 07:51:05	19.13	51.50	33.91	7.09	7.99	6.9	1.212	93.7	3.2	0.8
691	6/21/2016 08:06:05	19.24	51.48	33.90	7.12	7.99	7.0	1.294	94.3	3.5	0.8
692	6/21/2016 08:21:05	19.23	51.55	33.95	7.00	7.99	8.6	1.357	92.7	3.1	0.7
693	6/21/2016 08:36:05	19.18	51.48	33.90	7.04	7.99	7.7	1.415	93.2	3.5	0.8
694	6/21/2016 08:51:05	19.15	51.48	33.89	7.07	7.99	7.3	1.493	93.4	3.2	0.8
695	6/21/2016 09:06:05	19.19	51.49	33.90	7.01	7.98	7.5	1.583	92.8	3.4	0.8
696	6/21/2016 09:21:05	19.13	51.50	33.91	7.03	7.99	8.6	1.642	93.0	3.7	0.9
697	6/21/2016 09:36:05	19.09	51.41	33.85	7.03	7.98	7.7	1.713	92.8	3.7	0.9
698	6/21/2016 09:51:06	19.03	51.49	33.90	7.08	7.98	7.6	1.813	93.4	3.9	0.9
699	6/21/2016 10:06:05	19.09	51.45	33.88	7.12	7.99	7.5	1.891	94.0	3.5	0.8
700	6/21/2016 10:21:06	19.10	51.48	33.89	7.10	7.99	7.3	1.983	93.7	3.4	0.8
701	6/21/2016 10:36:06	18.81	51.42	33.85	7.03	7.98	8.6	2.085	92.4	3.1	0.7
702	6/21/2016 10:51:06	18.47	51.35	33.80	7.02	7.98	9.2	2.189	91.6	3.3	0.8
703	6/21/2016 11:06:06	18.37	51.34	33.79	7.03	7.97	7.9	2.289	91.5	2.8	0.7
704	6/21/2016 11:21:06	18.13	51.27	33.74	7.05	7.97	8.9	2.384	91.4	3.0	0.7
705	6/21/2016 11:36:06	18.01	51.24	33.72	7.07	7.97	9.0	2.488	91.4	3.0	0.7
706	6/21/2016 11:51:06	17.83	51.19	33.68	7.00	7.96	9.4	2.576	90.2	2.7	0.7
707	6/21/2016 12:06:06	17.68	51.19	33.68	6.91	7.96	9.1	2.662	88.7	2.3	0.5
708	6/21/2016 12:21:06	17.48	51.15	33.64	6.76	7.94	9.3	2.747	86.4	2.5	0.6
709	6/21/2016 12:36:06	17.11	51.12	33.62	6.64	7.93	10.3	2.827	84.3	2.6	0.6
710	6/21/2016 12:51:06	16.95	51.11	33.61	6.54	7.92	9.8	2.891	82.8	2.2	0.5
711	6/21/2016 13:06:06	16.49	51.12	33.61	6.72	7.93	9.6	2.967	84.4	2.8	0.7
712	6/21/2016 13:21:05	16.10	51.09	33.59	6.81	7.93	9.3	3.039	84.8	2.3	0.5
713	6/21/2016 13:36:06	15.64	51.08	33.56	7.04	7.94	8.6	3.081	86.9	2.3	0.5
714	6/21/2016 13:51:05	15.43	51.02	33.52	7.13	7.96	7.2	3.137	87.6	2.2	0.5
715	6/21/2016 14:06:06	15.34	51.07	33.55	7.16	7.96	6.1	3.177	87.9	2.0	0.5
716	6/21/2016 14:21:06	15.33	51.05	33.54	7.13	7.96	5.8	3.201	87.4	1.9	0.5
717	6/21/2016 14:36:06	15.39	51.04	33.53	6.93	7.95	4.8	3.209	85.1	1.9	0.5
718	6/21/2016 14:51:06	15.47	51.01	33.51	6.99	7.95	5.3	3.196	85.9	1.5	0.4
719	6/21/2016 15:06:06	15.51	51.03	33.53	7.00	7.95	4.5	3.171	86.1	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
720	6/21/2016 15:21:06	15.62	51.04	33.54	7.01	7.95	5.5	3.115	86.5	1.6	0.4
721	6/21/2016 15:36:06	16.10	51.06	33.57	6.94	7.95	7.5	3.060	86.4	2.1	0.5
722	6/21/2016 15:51:06	17.09	51.09	33.60	7.35	7.97	7.5	2.990	93.4	2.3	0.5
723	6/21/2016 16:06:05	17.22	51.05	33.57	7.77	8.00	6.1	2.905	98.9	2.0	0.5
724	6/21/2016 16:21:06	17.55	51.09	33.61	7.56	7.99	7.3	2.836	96.8	2.1	0.5
725	6/21/2016 16:36:06	18.01	51.11	33.62	7.75	8.01	7.3	2.753	100.1	2.1	0.5
726	6/21/2016 16:51:06	18.25	51.16	33.66	7.87	8.02	7.0	2.681	102.2	2.6	0.6
727	6/21/2016 17:06:06	18.58	51.14	33.65	7.89	8.02	8.4	2.615	103.0	2.5	0.6
728	6/21/2016 17:21:05	18.92	51.17	33.67	7.99	8.03	8.3	2.531	105.0	2.8	0.7
729	6/21/2016 17:36:05	19.07	51.17	33.67	7.93	8.03	7.0	2.479	104.6	3.4	0.8
730	6/21/2016 17:51:05	19.22	51.14	33.65	8.18	8.05	5.5	2.420	108.2	2.7	0.6
731	6/21/2016 18:06:05	19.33	51.23	33.71	7.93	8.03	5.5	2.348	105.1	2.5	0.6
732	6/21/2016 18:21:05	19.36	51.20	33.69	8.14	8.04	5.0	2.309	107.9	2.6	0.6
733	6/21/2016 18:36:05	19.59	51.27	33.74	8.22	8.05	4.3	2.279	109.5	2.7	0.6
734	6/21/2016 18:51:05	19.66	51.28	33.75	8.16	8.05	5.9	2.254	108.9	3.6	0.9
735	6/21/2016 19:06:05	19.46	51.24	33.72	8.98	8.11	4.7	2.235	119.3	3.0	0.7
736	6/21/2016 19:21:05	19.60	51.24	33.72	8.78	8.09	4.7	2.240	116.9	3.5	0.8
737	6/21/2016 19:36:05	19.69	51.30	33.77	8.45	8.07	4.9	2.268	112.8	3.5	0.8
738	6/21/2016 19:51:05	19.63	51.31	33.77	8.38	8.06	5.7	2.309	111.7	3.9	0.9
739	6/21/2016 20:06:05	19.72	51.35	33.80	8.05	8.04	6.4	2.336	107.5	3.8	0.9
740	6/21/2016 20:21:05	19.51	51.28	33.75	8.05	8.03	6.1	2.392	107.0	3.5	0.8
741	6/21/2016 20:36:05	19.96	51.33	33.78	8.12	8.04	9.8	2.472	109.0	3.6	0.9
742	6/21/2016 20:51:05	19.41	51.25	33.73	7.97	8.02	9.2	2.533	105.8	3.9	0.9
743	6/21/2016 21:06:05	19.11	51.26	33.73	7.94	8.02	7.2	2.601	104.8	3.6	0.8
744	6/21/2016 21:21:06	18.84	51.23	33.71	7.81	8.01	7.0	2.667	102.6	3.5	0.8
745	6/21/2016 21:36:06	18.21	51.15	33.65	7.53	7.99	6.7	2.746	97.7	3.0	0.7
746	6/21/2016 21:51:06	17.88	51.12	33.63	7.40	7.98	6.5	2.823	95.4	2.6	0.6
747	6/21/2016 22:06:06	17.23	51.11	33.61	7.28	7.97	6.7	2.889	92.6	2.6	0.6
748	6/21/2016 22:21:06	16.96	51.10	33.60	7.20	7.96	5.5	2.963	91.2	1.9	0.5
749	6/21/2016 22:36:05	16.66	51.08	33.59	7.18	7.96	6.4	3.057	90.4	2.4	0.6
750	6/21/2016 22:51:05	16.09	51.07	33.57	6.84	7.93	7.0	3.131	85.2	2.4	0.6
751	6/21/2016 23:06:06	15.44	51.07	33.56	6.79	7.92	8.1	3.201	83.4	1.5	0.4
752	6/21/2016 23:21:05	14.95	51.08	33.56	6.74	7.91	7.0	3.289	82.0	2.1	0.5
753	6/21/2016 23:36:05	14.53	51.06	33.52	7.06	7.93	7.0	3.367	85.2	1.5	0.4
754	6/21/2016 23:51:05	14.14	51.02	33.48	7.16	7.93	6.6	3.434	85.7	1.9	0.5
755	6/22/2016 00:06:05	13.91	51.09	33.53	7.17	7.93	5.8	3.497	85.4	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
756	6/22/2016 00:21:05	13.78	51.10	33.53	7.19	7.93	4.8	3.569	85.5	1.5	0.4
757	6/22/2016 00:36:05	13.63	51.11	33.53	7.29	7.93	4.2	3.613	86.4	2.1	0.5
758	6/22/2016 00:51:05	13.47	51.12	33.53	7.44	7.94	4.0	3.650	87.9	1.9	0.4
759	6/22/2016 01:06:05	13.42	51.08	33.51	7.48	7.94	3.2	3.680	88.2	1.6	0.4
760	6/22/2016 01:21:05	13.41	51.05	33.49	7.35	7.94	2.2	3.682	86.6	1.7	0.4
761	6/22/2016 01:36:05	13.56	51.07	33.50	7.26	7.93	2.7	3.687	85.9	1.1	0.3
762	6/22/2016 01:51:05	13.50	51.12	33.54	7.32	7.93	2.8	3.651	86.5	1.0	0.2
763	6/22/2016 02:06:05	13.62	51.11	33.53	7.22	7.93	3.7	3.587	85.6	1.1	0.3
764	6/22/2016 02:21:05	14.30	51.15	33.59	6.95	7.92	4.5	3.526	83.5	1.5	0.4
765	6/22/2016 02:36:05	14.59	51.13	33.58	6.89	7.91	8.2	3.444	83.2	2.0	0.5
766	6/22/2016 02:51:05	14.56	51.08	33.54	7.03	7.92	4.9	3.350	84.9	2.0	0.5
767	6/22/2016 03:06:05	15.50	51.14	33.61	6.91	7.93	6.8	3.249	85.1	2.1	0.5
768	6/22/2016 03:21:05	15.91	51.15	33.62	6.85	7.93	8.6	3.130	84.9	1.7	0.4
769	6/22/2016 03:36:05	16.07	51.17	33.64	6.83	7.93	8.0	3.041	85.0	2.5	0.6
770	6/22/2016 03:51:05	16.43	51.19	33.66	6.89	7.94	9.5	2.927	86.4	2.8	0.7
771	6/22/2016 04:06:05	16.60	51.14	33.63	6.82	7.93	6.1	2.812	85.8	2.3	0.5
772	6/22/2016 04:21:06	16.98	51.19	33.67	6.89	7.94	6.7	2.697	87.3	2.8	0.7
773	6/22/2016 04:36:06	17.48	51.25	33.72	6.88	7.94	7.4	2.569	88.0	2.6	0.6
774	6/22/2016 04:51:06	17.61	51.26	33.73	6.97	7.95	7.9	2.449	89.5	2.4	0.6
775	6/22/2016 05:06:05	17.84	51.26	33.73	7.06	7.96	9.6	2.326	91.0	3.2	0.8
776	6/22/2016 05:21:06	17.95	51.34	33.79	6.90	7.94	9.8	2.192	89.1	3.8	0.9
777	6/22/2016 05:36:06	18.19	51.40	33.84	7.04	7.96	11.1	2.034	91.4	3.5	0.8
778	6/22/2016 05:51:05	18.27	51.39	33.83	6.99	7.95	11.1	1.914	90.9	4.0	0.9
779	6/22/2016 06:06:06	18.45	51.41	33.84	6.96	7.95	11.9	1.778	90.8	3.3	0.8
780	6/22/2016 06:21:06	18.64	51.41	33.84	7.00	7.96	10.2	1.617	91.7	3.3	0.8
781	6/22/2016 06:36:05	18.83	51.37	33.82	7.08	7.97	9.5	1.493	93.0	3.0	0.7
782	6/22/2016 06:51:05	18.89	51.41	33.85	7.07	7.97	9.0	1.365	93.0	3.0	0.7
783	6/22/2016 07:06:05	18.81	51.40	33.84	7.01	7.96	8.1	1.255	92.1	3.0	0.7
784	6/22/2016 07:21:05	18.96	51.46	33.88	6.94	7.96	13.0	1.162	91.4	3.4	0.8
785	6/22/2016 07:36:05	18.94	51.31	33.77	6.88	7.95	8.4	1.090	90.5	2.5	0.6
786	6/22/2016 07:51:05	19.05	51.41	33.85	6.96	7.96	6.8	1.074	91.8	3.1	0.7
787	6/22/2016 08:06:05	19.23	51.53	33.93	7.04	7.97	7.4	1.089	93.3	3.4	0.8
788	6/22/2016 08:21:05	19.14	51.48	33.90	7.07	7.97	6.9	1.152	93.5	3.1	0.7
789	6/22/2016 08:36:05	19.31	51.52	33.92	7.10	7.98	6.3	1.214	94.2	4.2	1.0
790	6/22/2016 08:51:05	19.49	51.58	33.97	7.14	7.99	6.9	1.272	95.0	2.9	0.7
791	6/22/2016 09:06:05	19.50	51.52	33.93	7.15	7.99	7.2	1.356	95.2	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
792	6/22/2016 09:21:05	19.56	51.50	33.91	6.99	7.97	8.2	1.444	93.1	3.5	0.8
793	6/22/2016 09:36:05	19.70	51.44	33.87	6.76	7.96	10.2	1.517	90.2	3.7	0.9
794	6/22/2016 09:51:05	19.61	51.48	33.90	6.84	7.96	9.0	1.578	91.2	3.4	0.8
795	6/22/2016 10:06:05	19.45	51.50	33.91	6.91	7.97	8.1	1.667	91.9	4.0	0.9
796	6/22/2016 10:21:06	19.41	51.53	33.94	6.96	7.97	7.9	1.770	92.5	2.9	0.7
797	6/22/2016 10:36:06	19.35	51.48	33.90	6.96	7.97	7.4	1.830	92.4	3.0	0.7
798	6/22/2016 10:51:05	19.35	51.47	33.89	6.99	7.97	7.5	1.928	92.7	3.4	0.8
799	6/22/2016 11:06:05	18.99	51.40	33.84	6.99	7.97	7.6	2.039	92.1	2.9	0.7
800	6/22/2016 11:21:05	18.66	51.31	33.77	7.01	7.96	8.3	2.144	91.8	2.7	0.6
801	6/22/2016 11:36:06	18.49	51.33	33.79	6.97	7.96	8.7	2.239	91.0	2.8	0.7
802	6/22/2016 11:51:06	18.38	51.29	33.76	7.00	7.96	8.5	2.334	91.1	3.1	0.7
803	6/22/2016 12:06:05	18.15	51.24	33.72	6.94	7.95	8.9	2.442	90.0	2.7	0.6
804	6/22/2016 12:21:06	18.00	51.25	33.72	6.95	7.95	9.1	2.537	89.8	2.8	0.7
805	6/22/2016 12:36:06	17.80	51.19	33.68	6.85	7.94	8.9	2.621	88.1	2.8	0.7
806	6/22/2016 12:51:06	17.61	51.17	33.66	6.76	7.93	9.3	2.701	86.7	2.6	0.6
807	6/22/2016 13:06:06	17.23	51.10	33.61	6.63	7.92	9.6	2.791	84.4	2.7	0.6
808	6/22/2016 13:21:05	16.93	51.10	33.61	6.69	7.92	10.0	2.871	84.6	2.7	0.6
809	6/22/2016 13:36:05	16.59	51.08	33.59	6.70	7.91	10.1	2.933	84.2	2.8	0.7
810	6/22/2016 13:51:06	16.00	51.09	33.58	6.88	7.92	9.4	3.006	85.5	3.1	0.7
811	6/22/2016 14:06:06	15.55	51.05	33.55	7.07	7.93	7.7	3.079	87.0	2.6	0.6
812	6/22/2016 14:21:06	15.28	51.08	33.56	7.24	7.94	7.6	3.130	88.7	8.8	2.1
813	6/22/2016 14:36:06	15.17	51.07	33.55	7.27	7.94	6.4	3.174	88.8	2.4	0.6
814	6/22/2016 14:51:05	15.07	51.02	33.51	7.25	7.95	6.4	3.224	88.4	1.7	0.4
815	6/22/2016 15:06:06	15.04	51.02	33.51	7.14	7.94	4.0	3.247	87.0	1.8	0.4
816	6/22/2016 15:21:05	15.32	51.06	33.55	7.14	7.94	4.0	3.247	87.6	1.3	0.3
817	6/22/2016 15:36:05	15.24	51.04	33.53	7.00	7.93	4.1	3.216	85.6	1.1	0.3
818	6/22/2016 15:51:05	15.28	51.05	33.54	7.06	7.94	5.1	3.174	86.5	1.7	0.4
819	6/22/2016 16:06:06	15.50	51.02	33.52	7.05	7.93	5.0	3.119	86.7	1.9	0.4
820	6/22/2016 16:21:06	16.09	51.00	33.51	7.24	7.94	7.6	3.055	90.0	1.6	0.4
821	6/22/2016 16:36:05	16.68	51.04	33.56	7.75	7.98	6.7	2.969	97.5	2.0	0.5
822	6/22/2016 16:51:06	16.76	51.06	33.57	7.78	7.98	5.9	2.895	98.1	2.4	0.6
823	6/22/2016 17:06:06	17.17	51.08	33.59	7.85	7.99	6.2	2.814	99.8	2.2	0.5
824	6/22/2016 17:21:05	17.63	51.02	33.55	7.80	7.99	7.2	2.731	100.0	2.5	0.6
825	6/22/2016 17:36:05	17.97	51.08	33.60	7.85	8.00	6.7	2.671	101.4	2.6	0.6
826	6/22/2016 17:51:05	18.25	51.14	33.65	8.21	8.03	7.2	2.586	106.6	3.4	0.8
827	6/22/2016 18:06:05	18.50	51.15	33.65	8.19	8.02	5.9	2.522	106.8	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
828	6/22/2016 18:21:06	18.74	51.20	33.69	8.47	8.04	6.1	2.468	111.0	16.2	3.8
829	6/22/2016 18:36:05	18.84	51.16	33.66	8.05	8.02	5.3	2.400	105.6	8.4	2.0
830	6/22/2016 18:51:05	18.88	51.19	33.69	8.41	8.04	5.7	2.353	110.4	19.3	4.6
831	6/22/2016 19:06:05	19.14	51.25	33.73	8.21	8.03	5.3	2.297	108.4	29.0	6.9
832	6/22/2016 19:21:05	19.19	51.25	33.73	8.03	8.02	4.8	2.277	106.2	3.0	0.7
833	6/22/2016 19:36:05	19.42	51.24	33.72	8.12	8.04	5.4	2.253	107.8	4.0	1.0
834	6/22/2016 19:51:05	19.56	51.36	33.81	8.30	8.05	4.8	2.234	110.6	4.2	1.0
835	6/22/2016 20:06:05	19.19	51.17	33.67	8.60	8.05	6.4	2.248	113.6	3.4	0.8
836	6/22/2016 20:21:05	19.47	51.31	33.77	8.31	8.03	6.2	2.271	110.5	3.7	0.9
837	6/22/2016 20:36:05	19.48	51.32	33.78	8.06	8.02	7.0	2.301	107.2	3.5	0.8
838	6/22/2016 20:51:05	19.47	51.33	33.79	7.89	8.01	5.0	2.333	104.8	4.1	1.0
839	6/22/2016 21:06:05	19.36	51.28	33.75	7.84	8.00	6.2	2.404	104.0	3.8	0.9
840	6/22/2016 21:21:05	19.44	51.26	33.74	7.87	8.01	8.8	2.469	104.5	3.9	0.9
841	6/22/2016 21:36:05	19.32	51.30	33.77	7.85	8.01	9.3	2.529	104.0	4.3	1.0
842	6/22/2016 21:51:05	18.97	51.19	33.68	7.85	8.00	7.2	2.600	103.4	3.8	0.9
843	6/22/2016 22:06:05	18.73	51.11	33.62	7.82	8.00	6.0	2.672	102.4	3.5	0.8
844	6/22/2016 22:21:05	18.22	51.15	33.65	7.62	7.98	7.0	2.752	98.8	3.4	0.8
845	6/22/2016 22:36:06	17.63	51.10	33.61	7.36	7.96	6.3	2.818	94.3	3.0	0.7
846	6/22/2016 22:51:06	17.16	51.12	33.62	7.22	7.95	5.7	2.896	91.8	2.9	0.7
847	6/22/2016 23:06:06	16.71	51.05	33.56	7.18	7.94	6.8	2.974	90.5	3.1	0.7
848	6/22/2016 23:21:05	16.46	51.01	33.53	7.19	7.94	6.5	3.052	90.2	2.6	0.6
849	6/22/2016 23:36:05	16.00	51.07	33.57	7.06	7.93	6.4	3.121	87.8	3.0	0.7
850	6/22/2016 23:51:06	15.41	51.06	33.55	6.99	7.92	5.9	3.199	85.9	2.4	0.6
851	6/23/2016 00:06:06	14.91	51.03	33.52	6.97	7.91	6.8	3.287	84.7	1.4	0.3
852	6/23/2016 00:21:05	14.50	51.04	33.51	7.09	7.92	6.1	3.347	85.5	2.5	0.6
853	6/23/2016 00:36:05	14.07	51.02	33.49	7.18	7.92	6.3	3.424	85.8	1.8	0.4
854	6/23/2016 00:51:05	13.85	51.05	33.50	7.23	7.92	5.0	3.482	86.0	1.6	0.4
855	6/23/2016 01:06:05	13.65	51.06	33.50	7.31	7.92	4.5	3.547	86.7	1.6	0.4
856	6/23/2016 01:21:05	13.52	51.04	33.48	7.41	7.93	4.2	3.592	87.6	2.6	0.6
857	6/23/2016 01:36:05	13.39	51.07	33.49	7.49	7.92	2.6	3.615	88.3	2.8	0.7
858	6/23/2016 01:51:05	13.38	51.06	33.49	7.21	7.92	2.6	3.642	84.9	2.3	0.6
859	6/23/2016 02:06:05	13.60	51.00	33.45	7.37	7.93	3.1	3.656	87.3	1.7	0.4
860	6/23/2016 02:21:05	13.50	51.10	33.52	7.00	7.90	2.1	3.629	82.8	1.1	0.3
861	6/23/2016 02:36:05	13.43	51.07	33.50	7.16	7.92	2.6	3.591	84.5	0.7	0.2
862	6/23/2016 02:51:05	13.67	51.09	33.52	7.07	7.89	2.6	3.547	83.9	1.6	0.4
863	6/23/2016 03:06:05	14.15	51.02	33.49	6.88	7.89	4.1	3.464	82.3	5.4	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
864	6/23/2016 03:21:05	14.30	51.09	33.54	6.71	7.88	5.5	3.387	80.6	1.4	0.3
865	6/23/2016 03:36:05	14.51	51.01	33.49	6.86	7.89	12.8	3.292	82.8	3.2	0.8
866	6/23/2016 03:51:05	15.70	51.10	33.59	6.75	7.90	7.4	3.184	83.4	2.4	0.6
867	6/23/2016 04:06:06	15.91	51.18	33.64	6.82	7.91	10.4	3.082	84.6	2.7	0.6
868	6/23/2016 04:21:05	16.33	51.10	33.60	6.70	7.91	7.0	2.979	83.8	2.6	0.6
869	6/23/2016 04:36:05	16.67	51.10	33.60	6.75	7.91	7.9	2.861	84.9	2.4	0.6
870	6/23/2016 04:51:06	17.14	51.16	33.65	6.70	7.91	11.0	2.742	85.2	2.7	0.7
871	6/23/2016 05:06:06	17.45	51.23	33.70	6.84	7.92	8.5	2.625	87.5	3.1	0.7
872	6/23/2016 05:21:06	17.67	51.23	33.71	6.89	7.94	10.2	2.509	88.5	2.2	0.5
873	6/23/2016 05:36:06	17.79	51.26	33.73	6.92	7.94	9.2	2.383	89.1	2.9	0.7
874	6/23/2016 05:51:05	17.82	51.28	33.74	6.88	7.93	10.3	2.245	88.7	3.2	0.8
875	6/23/2016 06:06:06	18.05	51.27	33.74	6.91	7.94	10.9	2.112	89.5	3.0	0.7
876	6/23/2016 06:21:05	18.09	51.27	33.74	6.83	7.94	9.8	1.975	88.4	2.6	0.6
877	6/23/2016 06:36:06	18.12	51.32	33.77	6.84	7.93	10.0	1.827	88.7	3.0	0.7
878	6/23/2016 06:51:06	18.35	51.31	33.77	6.92	7.94	9.9	1.677	90.0	3.0	0.7
879	6/23/2016 07:06:06	18.46	51.33	33.79	6.97	7.95	9.4	1.561	91.0	2.6	0.6
880	6/23/2016 07:21:06	18.50	51.36	33.80	6.96	7.94	7.9	1.437	90.8	3.1	0.7
881	6/23/2016 07:36:06	18.60	51.35	33.80	6.82	7.93	7.4	1.312	89.2	2.9	0.7
882	6/23/2016 07:51:06	18.71	51.39	33.83	6.62	7.91	6.6	1.218	86.8	4.1	1.0
883	6/23/2016 08:06:06	18.81	51.34	33.79	6.71	7.91	5.1	1.149	88.1	6.5	1.5
884	6/23/2016 08:21:05	18.77	51.33	33.79	6.38	7.90	5.6	1.118	83.7	2.1	0.5
885	6/23/2016 08:36:05	18.84	51.28	33.75	6.44	7.91	4.1	1.123	84.5	6.3	1.5
886	6/23/2016 08:51:05	19.04	51.34	33.79	6.29	7.93	3.2	1.151	82.9	3.4	0.8
887	6/23/2016 09:06:05	18.94	51.31	33.77	6.69	7.93	3.9	1.221	88.0	3.2	0.8
888	6/23/2016 09:21:05	19.18	51.43	33.86	6.75	7.96	3.4	1.305	89.3	2.9	0.7
889	6/23/2016 09:36:05	19.26	51.47	33.89	6.73	7.96	3.2	1.359	89.2	3.5	0.8
890	6/23/2016 09:51:05	19.19	51.42	33.85	6.65	7.96	3.1	1.434	87.9	3.3	0.8
891	6/23/2016 10:06:05	19.43	51.34	33.79	6.51	7.94	4.2	1.517	86.5	3.4	0.8
892	6/23/2016 10:21:05	19.30	51.38	33.83	6.47	7.94	4.0	1.587	85.7	2.9	0.7
893	6/23/2016 10:36:05	19.24	51.39	33.83	6.53	7.95	4.0	1.655	86.5	2.7	0.6
894	6/23/2016 10:51:05	19.11	51.37	33.82	6.63	7.95	3.4	1.736	87.6	2.8	0.7
895	6/23/2016 11:06:05	19.08	51.33	33.79	6.77	7.95	3.7	1.827	89.3	3.2	0.8
896	6/23/2016 11:21:06	19.09	51.40	33.84	6.79	7.95	4.7	1.917	89.7	3.2	0.8
897	6/23/2016 11:36:06	19.11	51.41	33.85	6.75	7.95	4.1	2.002	89.2	3.5	0.8
898	6/23/2016 11:51:06	18.69	51.30	33.77	6.75	7.94	3.8	2.108	88.4	3.4	0.8
899	6/23/2016 12:06:06	18.49	51.28	33.75	6.79	7.93	4.9	2.223	88.6	2.9	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	Fluorescence %FS
900	6/23/2016 12:21:05	18.38	51.21	33.70	6.78	7.94	4.7	2.315	88.3	3.0	0.7
901	6/23/2016 12:36:06	18.26	51.20	33.69	6.74	7.93	7.0	2.421	87.6	3.0	0.7
902	6/23/2016 12:51:06	18.16	51.16	33.66	6.75	7.92	6.0	2.514	87.6	2.5	0.6
903	6/23/2016 13:06:06	18.05	51.13	33.64	6.72	7.92	4.4	2.609	86.8	2.2	0.5
904	6/23/2016 13:21:06	17.84	51.08	33.59	6.62	7.91	5.6	2.698	85.2	2.7	0.6
905	6/23/2016 13:36:05	17.47	51.04	33.56	6.50	7.90	5.3	2.779	83.1	2.2	0.5
906	6/23/2016 13:51:05	17.14	51.00	33.53	6.56	7.89	6.2	2.868	83.3	2.6	0.6
907	6/23/2016 14:06:06	16.78	50.99	33.52	6.63	7.89	10.9	2.939	83.7	2.4	0.6
908	6/23/2016 14:21:05	16.32	50.90	33.45	6.63	7.89	5.3	3.013	82.9	2.4	0.6
909	6/23/2016 14:36:05	15.73	50.98	33.50	6.72	7.90	4.7	3.088	83.1	1.8	0.4
910	6/23/2016 14:51:05	15.31	50.90	33.43	6.90	7.91	4.4	3.151	84.5	1.5	0.4
911	6/23/2016 15:06:05	15.19	50.93	33.44	6.86	7.91	2.9	3.203	83.8	1.3	0.3
912	6/23/2016 15:21:05	15.12	50.93	33.45	6.68	7.91	2.1	3.243	81.5	1.1	0.3
913	6/23/2016 15:36:05	15.07	50.93	33.44	6.38	7.89	2.6	3.284	77.7	1.2	0.3
914	6/23/2016 15:51:05	14.99	50.96	33.46	6.15	7.85	6.4	3.291	74.9	2.1	0.5
915	6/23/2016 16:06:06	15.01	50.93	33.44	6.74	7.89	4.4	3.283	82.0	1.2	0.3
916	6/23/2016 16:21:05	15.11	50.87	33.40	6.30	7.85	4.8	3.246	76.8	1.5	0.4
917	6/23/2016 16:36:05	15.21	50.86	33.40	6.38	7.89	4.3	3.209	78.0	2.7	0.7
918	6/23/2016 16:51:06	16.20	50.77	33.35	6.63	7.91	4.3	3.146	82.6	3.1	0.7
919	6/23/2016 17:06:05	17.16	50.95	33.49	7.21	7.95	5.0	3.062	91.5	1.9	0.5
920	6/23/2016 17:21:06	17.53	51.00	33.54	7.61	7.97	20.8	2.984	97.4	2.1	0.5
921	6/23/2016 17:36:06	17.54	51.00	33.54	7.38	7.94	13.6	2.916	94.4	2.7	0.6
922	6/23/2016 17:51:06	17.78	51.02	33.55	7.86	7.98	11.2	2.839	101.1	2.1	0.5
923	6/23/2016 18:06:05	18.24	51.00	33.54	7.88	7.98	8.0	2.757	102.2	3.1	0.7
924	6/23/2016 18:21:05	18.75	51.07	33.59	7.56	7.96	5.9	2.679	99.0	3.3	0.8
925	6/23/2016 18:36:05	19.00	51.04	33.57	7.49	7.96	4.9	2.620	98.6	3.3	0.8
926	6/23/2016 18:51:06	19.13	51.10	33.62	7.63	7.98	4.3	2.557	100.6	3.1	0.7
927	6/23/2016 19:06:05	19.19	51.10	33.62	7.30	7.96	3.9	2.487	96.4	2.8	0.7
928	6/23/2016 19:21:05	19.18	51.08	33.60	8.03	8.00	5.3	2.421	106.1	2.5	0.6
929	6/23/2016 19:36:05	19.24	51.10	33.62	8.20	8.02	4.8	2.382	108.4	2.9	0.7
930	6/23/2016 19:51:05	19.18	51.17	33.67	7.85	8.01	5.1	2.341	103.7	2.5	0.6
931	6/23/2016 20:06:05	19.44	51.16	33.66	7.76	7.98	4.4	2.283	103.0	2.9	0.7
932	6/23/2016 20:21:05	19.69	51.23	33.72	8.19	8.03	5.7	2.277	109.2	3.5	0.8
933	6/23/2016 20:36:05	19.76	51.20	33.69	8.03	8.02	4.3	2.258	107.2	3.8	0.9
934	6/23/2016 20:51:05	19.79	51.14	33.65	7.46	8.00	4.2	2.266	99.7	3.8	0.9
935	6/23/2016 21:06:05	19.77	51.13	33.64	7.70	8.01	4.0	2.274	102.8	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
936	6/23/2016 21:21:05	19.68	51.23	33.72	7.71	8.01	3.9	2.300	102.8	4.2	1.0
937	6/23/2016 21:36:05	19.69	51.23	33.71	7.67	7.99	4.9	2.354	102.3	3.9	0.9
938	6/23/2016 21:51:05	19.64	51.21	33.70	7.62	7.98	5.3	2.409	101.5	3.4	0.8
939	6/23/2016 22:06:05	19.75	51.11	33.62	7.55	7.99	5.1	2.463	100.9	3.6	0.9
940	6/23/2016 22:21:05	19.86	51.15	33.65	7.51	7.99	4.5	2.530	100.5	3.5	0.8
941	6/23/2016 22:36:05	19.37	51.12	33.63	7.48	7.98	4.8	2.608	99.2	3.5	0.8
942	6/23/2016 22:51:05	18.95	51.06	33.59	7.36	7.97	3.6	2.665	96.8	2.7	0.6
943	6/23/2016 23:06:06	18.27	51.06	33.58	7.19	7.95	3.6	2.735	93.4	2.7	0.6
944	6/23/2016 23:21:06	17.91	50.99	33.53	7.13	7.93	3.7	2.808	91.9	3.2	0.8
945	6/23/2016 23:36:06	17.40	50.99	33.53	6.99	7.92	4.0	2.869	89.2	2.0	0.5
946	6/23/2016 23:51:06	17.03	50.95	33.50	6.96	7.92	3.4	2.941	88.2	2.5	0.6
947	6/24/2016 00:06:06	16.80	50.97	33.50	6.90	7.92	3.6	3.007	87.0	1.9	0.5
948	6/24/2016 00:21:06	16.50	50.92	33.47	6.92	7.92	3.6	3.087	86.8	1.9	0.4
949	6/24/2016 00:36:06	16.18	50.88	33.43	6.89	7.91	3.4	3.148	85.8	2.2	0.5
950	6/24/2016 00:51:06	15.69	50.91	33.44	6.81	7.90	3.2	3.213	84.0	2.0	0.5
951	6/24/2016 01:06:06	15.32	50.91	33.44	6.74	7.89	3.6	3.278	82.6	2.1	0.5
952	6/24/2016 01:21:05	15.04	50.90	33.42	6.73	7.89	3.4	3.352	82.0	1.4	0.3
953	6/24/2016 01:36:06	14.40	50.93	33.43	6.54	7.87	2.6	3.403	78.6	1.4	0.3
954	6/24/2016 01:51:06	14.20	50.89	33.39	6.52	7.87	2.5	3.467	78.0	1.7	0.4
955	6/24/2016 02:06:06	13.90	50.95	33.42	6.53	7.86	4.8	3.518	77.7	1.2	0.3
956	6/24/2016 02:21:05	13.81	50.94	33.42	6.47	7.85	11.7	3.538	76.9	1.0	0.2
957	6/24/2016 02:36:05	13.71	50.96	33.43	6.44	7.85	2.7	3.566	76.4	0.6	0.1
958	6/24/2016 02:51:05	13.68	50.95	33.42	6.07	7.82	2.0	3.574	71.9	1.0	0.2
959	6/24/2016 03:06:06	13.68	50.92	33.40	6.21	7.83	2.2	3.560	73.6	1.0	0.2
960	6/24/2016 03:21:05	13.73	50.94	33.41	6.14	7.81	2.1	3.525	72.8	2.1	0.5
961	6/24/2016 03:36:05	14.04	50.95	33.43	6.21	7.85	2.8	3.470	74.2	1.2	0.3
962	6/24/2016 03:51:05	14.72	50.96	33.45	6.56	7.86	5.6	3.403	79.4	1.6	0.4
963	6/24/2016 04:06:05	14.65	50.92	33.43	6.65	7.86	8.9	3.318	80.4	1.9	0.5
964	6/24/2016 04:21:05	14.72	50.93	33.44	6.61	7.87	5.8	3.223	80.0	1.6	0.4
965	6/24/2016 04:36:06	15.12	50.94	33.45	6.64	7.87	6.5	3.133	81.0	2.1	0.5
966	6/24/2016 04:51:05	16.01	50.93	33.47	6.86	7.88	12.0	3.031	85.2	2.6	0.6
967	6/24/2016 05:06:05	16.72	50.98	33.51	6.71	7.88	9.7	2.926	84.5	2.7	0.6
968	6/24/2016 05:21:06	17.22	51.01	33.54	6.63	7.88	20.2	2.802	84.3	3.1	0.7
969	6/24/2016 05:36:06	16.98	51.03	33.55	6.96	7.89	13.2	2.708	88.2	3.0	0.7
970	6/24/2016 05:51:06	16.89	50.98	33.52	6.96	7.88	13.7	2.584	88.0	3.1	0.7
971	6/24/2016 06:06:05	17.02	50.92	33.47	7.01	7.89	23.7	2.459	88.8	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
972	6/24/2016 06:21:06	16.80	51.13	33.62	7.25	7.90	15.5	2.334	91.5	3.7	0.9
973	6/24/2016 06:36:06	17.90	51.04	33.57	7.23	7.93	15.7	2.199	93.2	3.4	0.8
974	6/24/2016 06:51:06	17.10	51.09	33.60	7.27	7.91	15.1	2.070	92.4	3.0	0.7
975	6/24/2016 07:06:06	17.82	51.00	33.54	7.26	7.92	11.8	1.936	93.5	2.9	0.7
976	6/24/2016 07:21:06	17.58	51.17	33.66	7.38	7.92	13.0	1.803	94.6	3.1	0.7
977	6/24/2016 07:36:06	17.70	51.07	33.59	7.43	7.92	10.3	1.665	95.4	3.1	0.7
978	6/24/2016 07:51:06	18.05	51.16	33.66	7.42	7.94	10.6	1.547	96.0	2.7	0.6
979	6/24/2016 08:06:06	18.24	51.15	33.65	7.32	7.94	8.7	1.433	95.0	2.4	0.6
980	6/24/2016 08:21:06	18.37	51.12	33.63	7.22	7.93	7.1	1.331	93.9	2.6	0.6
981	6/24/2016 08:36:05	18.51	51.15	33.65	6.96	7.92	6.1	1.260	90.7	2.3	0.5
982	6/24/2016 08:51:05	18.62	51.20	33.69	6.60	7.91	5.0	1.191	86.3	2.1	0.5
983	6/24/2016 09:06:06	18.60	51.17	33.67	7.33	7.95	6.8	1.205	95.8	3.4	0.8
984	6/24/2016 09:21:06	18.53	51.18	33.68	7.47	7.95	7.3	1.209	97.5	3.2	0.8
985	6/24/2016 09:36:05	18.79	51.20	33.69	7.37	7.95	6.8	1.244	96.7	3.9	0.9
986	6/24/2016 09:51:05	19.01	51.25	33.73	7.31	7.96	6.8	1.317	96.4	4.2	1.0
987	6/24/2016 10:06:05	19.11	51.29	33.76	7.36	7.96	6.5	1.384	97.1	4.2	1.0
988	6/24/2016 10:21:05	19.19	51.30	33.76	7.30	7.96	6.9	1.447	96.5	4.1	1.0
989	6/24/2016 10:36:05	19.05	51.25	33.73	7.20	7.95	6.9	1.508	94.9	4.0	0.9
990	6/24/2016 10:51:06	19.08	51.31	33.78	7.21	7.95	7.3	1.593	95.2	3.6	0.8
991	6/24/2016 11:06:05	19.25	51.29	33.76	7.23	7.95	7.4	1.658	95.7	3.5	0.8
992	6/24/2016 11:21:06	19.13	51.32	33.78	7.26	7.95	7.5	1.730	95.9	3.9	0.9
993	6/24/2016 11:36:05	19.07	51.24	33.72	7.29	7.95	7.3	1.806	96.1	3.7	0.9
994	6/24/2016 11:51:06	19.00	51.27	33.74	7.31	7.95	6.9	1.891	96.4	3.5	0.8
995	6/24/2016 12:06:06	19.04	51.30	33.76	7.35	7.95	7.3	1.987	96.9	3.5	0.8
996	6/24/2016 12:21:06	19.06	51.28	33.75	7.28	7.95	7.0	2.067	96.0	3.7	0.9
997	6/24/2016 12:36:06	18.92	51.27	33.74	7.19	7.94	8.8	2.173	94.6	3.1	0.7
998	6/24/2016 12:51:06	18.38	51.09	33.61	7.06	7.92	9.8	2.282	91.9	3.2	0.8
999	6/24/2016 13:06:05	18.18	51.07	33.60	7.02	7.92	9.4	2.375	91.0	3.9	0.9
1000	6/24/2016 13:21:06	18.06	51.05	33.58	6.97	7.91	8.9	2.472	90.2	3.8	0.9
1001	6/24/2016 13:36:06	17.99	51.02	33.56	6.97	7.91	9.0	2.569	90.0	3.0	0.7
1002	6/24/2016 13:51:05	17.86	50.97	33.52	6.95	7.91	9.6	2.663	89.4	3.0	0.7
1003	6/24/2016 14:06:06	17.77	50.98	33.52	6.97	7.90	9.2	2.744	89.6	2.5	0.6
1004	6/24/2016 14:21:06	17.58	50.96	33.51	6.91	7.90	11.2	2.834	88.5	2.8	0.7
1005	6/24/2016 14:36:06	17.34	50.85	33.42	6.82	7.89	11.8	2.906	87.0	2.6	0.6
1006	6/24/2016 14:51:06	17.00	50.83	33.41	6.86	7.88	11.5	2.981	86.9	2.5	0.6
1007	6/24/2016 15:06:06	16.56	50.77	33.36	6.90	7.88	11.2	3.051	86.6	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
1008	6/24/2016 15:21:06	15.99	50.81	33.38	6.92	7.87	7.1	3.112	85.9	1.8	0.4
1009	6/24/2016 15:36:06	15.65	50.78	33.35	7.00	7.87	7.5	3.186	86.2	2.2	0.5
1010	6/24/2016 15:51:06	15.42	50.81	33.37	7.02	7.87	5.4	3.229	86.1	2.0	0.5
1011	6/24/2016 16:06:06	15.36	50.81	33.37	7.06	7.87	4.8	3.259	86.5	1.7	0.4
1012	6/24/2016 16:21:06	15.35	50.82	33.37	6.89	7.87	4.3	3.306	84.5	1.1	0.3
1013	6/24/2016 16:36:06	15.35	50.78	33.34	6.30	7.83	4.3	3.303	77.2	1.2	0.3
1014	6/24/2016 16:51:06	15.40	50.82	33.37	6.75	7.86	4.6	3.287	82.8	0.7	0.2
1015	6/24/2016 17:06:06	15.49	50.79	33.36	6.92	7.87	5.7	3.267	85.0	1.4	0.3
1016	6/24/2016 17:21:05	16.03	50.81	33.37	7.04	7.88	13.4	3.221	87.5	3.3	0.8
1017	6/24/2016 17:36:06	15.93	50.83	33.39	7.44	7.88	25.3	3.157	92.3	4.6	1.1
1018	6/24/2016 17:51:06	15.73	50.77	33.34	7.51	7.89	24.5	3.088	92.7	6.4	1.5
1019	6/24/2016 18:06:06	15.66	50.73	33.31	7.55	7.89	26.0	3.016	93.1	5.7	1.4
1020	6/24/2016 18:21:06	15.82	50.92	33.45	7.60	7.89	24.2	2.933	94.0	4.9	1.2
1021	6/24/2016 18:36:06	16.07	50.81	33.38	7.66	7.90	23.1	2.856	95.1	4.7	1.1
1022	6/24/2016 18:51:06	16.47	50.59	33.22	7.73	7.90	24.6	2.775	96.7	4.7	1.1
1023	6/24/2016 19:06:06	16.77	50.87	33.43	7.75	7.91	24.1	2.699	97.6	4.1	1.0
1024	6/24/2016 19:21:06	17.07	50.87	33.44	7.74	7.91	22.4	2.637	98.1	4.8	1.1
1025	6/24/2016 19:36:06	17.34	50.90	33.46	7.71	7.92	36.8	2.557	98.2	4.0	1.0
1026	6/24/2016 19:51:06	17.49	50.86	33.44	7.75	7.92	26.7	2.493	99.0	4.4	1.0
1027	6/24/2016 20:06:06	17.74	50.91	33.47	7.73	7.93	19.8	2.442	99.3	5.9	1.4
1028	6/24/2016 20:21:06	18.01	50.96	33.51	7.62	7.93	22.8	2.382	98.5	5.2	1.2
1029	6/24/2016 20:36:05	18.10	50.99	33.54	7.64	7.93	16.7	2.317	98.8	4.8	1.1
1030	6/24/2016 20:51:06	18.28	51.05	33.58	7.74	7.95	21.7	2.274	100.5	4.9	1.2
1031	6/24/2016 21:06:06	18.55	51.07	33.59	7.46	7.94	15.6	2.231	97.4	4.6	1.1
1032	6/24/2016 21:21:06	18.75	51.14	33.65	7.50	7.94	22.4	2.224	98.3	5.0	1.2
1033	6/24/2016 21:36:06	18.93	51.07	33.59	7.36	7.93	14.4	2.218	96.8	5.6	1.3
1034	6/24/2016 21:51:06	19.26	51.14	33.65	6.95	7.92	15.0	2.209	91.9	5.4	1.3
1035	6/24/2016 22:06:05	19.20	51.22	33.71	7.60	7.96	16.2	2.236	100.4	5.0	1.2
1036	6/24/2016 22:21:05	19.15	51.16	33.66	7.60	7.95	51.2	2.280	100.4	5.2	1.2
1037	6/24/2016 22:36:05	19.15	51.17	33.67	7.58	7.95	19.8	2.317	100.1	4.9	1.2
1038	6/24/2016 22:51:05	19.05	51.15	33.65	7.54	7.95	28.8	2.375	99.4	4.9	1.2
1039	6/24/2016 23:06:06	19.29	51.17	33.67	7.51	7.95	21.1	2.433	99.5	4.9	1.2
1040	6/24/2016 23:21:06	19.13	51.24	33.72	7.51	7.95	77.1	2.496	99.2	4.7	1.1
1041	6/24/2016 23:36:06	18.85	51.23	33.71	7.51	7.94	19.7	2.570	98.6	4.7	1.1
1042	6/24/2016 23:51:06	18.70	51.16	33.66	7.48	7.93	15.8	2.625	98.0	4.2	1.0
1043	6/25/2016 00:06:06	17.99	51.07	33.59	7.43	7.92	18.6	2.683	95.9	4.8	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1044	6/25/2016 00:21:05	17.71	50.97	33.52	7.40	7.92	20.5	2.761	95.0	4.1	1.0
1045	6/25/2016 00:36:06	17.25	51.00	33.53	7.41	7.92	15.6	2.819	94.3	7.2	1.7
1046	6/25/2016 00:51:06	16.77	50.93	33.47	7.39	7.91	10.9	2.883	93.2	3.7	0.9
1047	6/25/2016 01:06:06	16.46	50.87	33.43	7.39	7.91	9.3	2.949	92.6	3.2	0.8
1048	6/25/2016 01:21:06	16.44	50.88	33.43	7.39	7.91	9.2	3.011	92.5	3.0	0.7
1049	6/25/2016 01:36:06	15.94	50.89	33.43	7.37	7.90	12.6	3.086	91.4	3.8	0.9
1050	6/25/2016 01:51:06	15.48	50.86	33.40	7.36	7.90	211.1	3.144	90.4	2.7	0.6
1051	6/25/2016 02:06:06	15.06	50.82	33.37	7.34	7.90	9.2	3.207	89.4	2.4	0.6
1052	6/25/2016 02:21:05	14.89	50.87	33.40	7.34	7.89	7.6	3.269	89.1	2.0	0.5
1053	6/25/2016 02:36:05	14.61	50.84	33.36	7.38	7.90	8.4	3.322	89.1	2.0	0.5
1054	6/25/2016 02:51:06	14.39	50.87	33.38	7.32	7.90	5.8	3.368	88.0	2.0	0.5
1055	6/25/2016 03:06:06	14.33	50.86	33.37	7.21	7.89	4.5	3.392	86.5	1.9	0.5
1056	6/25/2016 03:21:06	14.34	50.92	33.42	7.09	7.88	4.2	3.431	85.2	1.6	0.4
1057	6/25/2016 03:36:06	14.47	51.11	33.56	6.94	7.87	3.7	3.433	83.7	2.0	0.5
1058	6/25/2016 03:51:05	14.75	50.97	33.47	6.64	7.84	3.7	3.421	80.5	1.7	0.4
1059	6/25/2016 04:06:06	14.28	50.86	33.37	6.83	7.87	3.7	3.404	82.0	1.6	0.4
1060	6/25/2016 04:21:05	14.48	50.90	33.41	6.98	7.86	3.9	3.359	84.1	1.9	0.4
1061	6/25/2016 04:36:05	15.90	50.99	33.51	6.81	7.87	7.6	3.302	84.5	2.9	0.7
1062	6/25/2016 04:51:06	15.79	51.07	33.56	6.97	7.88	8.5	3.226	86.3	2.6	0.6
1063	6/25/2016 05:06:06	15.38	50.89	33.42	6.99	7.88	7.5	3.143	85.7	2.3	0.5
1064	6/25/2016 05:21:05	15.66	50.86	33.41	6.96	7.88	6.5	3.065	85.8	1.9	0.4
1065	6/25/2016 05:36:06	16.28	50.97	33.50	6.93	7.88	8.9	2.956	86.5	3.1	0.7
1066	6/25/2016 05:51:06	16.76	51.01	33.54	6.78	7.88	10.7	2.864	85.5	2.7	0.6
1067	6/25/2016 06:06:06	17.03	51.14	33.63	6.71	7.88	11.4	2.761	85.1	2.5	0.6
1068	6/25/2016 06:21:05	17.37	51.08	33.59	6.59	7.87	10.6	2.666	84.1	3.4	0.8
1069	6/25/2016 06:36:06	17.50	51.07	33.59	6.87	7.89	17.6	2.551	87.9	4.1	1.0
1070	6/25/2016 06:51:06	17.61	51.12	33.62	6.84	7.88	16.3	2.440	87.7	3.1	0.7
1071	6/25/2016 07:06:06	17.55	51.12	33.63	6.73	7.88	13.8	2.338	86.1	3.4	0.8
1072	6/25/2016 07:21:06	17.41	51.14	33.64	6.87	7.88	11.4	2.213	87.8	3.4	0.8
1073	6/25/2016 07:36:06	17.37	51.10	33.61	7.04	7.90	13.4	2.092	89.9	3.0	0.7
1074	6/25/2016 07:51:06	17.35	51.09	33.60	7.11	7.91	12.6	1.964	90.7	3.6	0.8
1075	6/25/2016 08:06:06	17.56	51.16	33.65	7.15	7.91	13.5	1.838	91.6	3.1	0.7
1076	6/25/2016 08:21:06	17.74	51.16	33.66	7.16	7.92	12.2	1.721	92.0	3.0	0.7
1077	6/25/2016 08:36:06	17.85	51.20	33.69	7.08	7.92	10.1	1.595	91.2	2.9	0.7
1078	6/25/2016 08:51:06	18.11	51.19	33.68	7.02	7.92	25.5	1.491	90.9	3.4	0.8
1079	6/25/2016 09:06:06	18.12	51.37	33.81	7.02	7.92	9.9	1.426	91.1	2.9	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	Fluorescence %FS
1080	6/25/2016 09:21:06	18.11	51.24	33.72	6.87	7.90	9.2	1.347	89.0	3.2	0.8
1081	6/25/2016 09:36:06	18.22	51.28	33.75	6.62	7.89	5.7	1.298	85.9	2.3	0.5
1082	6/25/2016 09:51:05	18.22	51.25	33.72	7.03	7.92	7.5	1.289	91.3	2.8	0.7
1083	6/25/2016 10:06:06	18.14	51.29	33.75	7.30	7.93	9.9	1.296	94.7	3.7	0.9
1084	6/25/2016 10:21:06	18.32	51.34	33.79	7.12	7.93	9.8	1.331	92.6	3.7	0.9
1085	6/25/2016 10:36:06	18.32	51.33	33.79	7.07	7.92	10.0	1.376	92.0	3.8	0.9
1086	6/25/2016 10:51:05	18.44	51.42	33.85	6.85	7.92	11.5	1.465	89.3	3.9	0.9
1087	6/25/2016 11:06:06	18.33	51.41	33.84	6.92	7.91	11.3	1.513	90.1	3.7	0.9
1088	6/25/2016 11:21:06	18.35	51.38	33.82	6.91	7.92	10.5	1.586	90.0	3.9	0.9
1089	6/25/2016 11:36:06	18.37	51.41	33.84	6.89	7.92	10.8	1.679	89.8	3.9	0.9
1090	6/25/2016 11:51:06	18.51	51.53	33.93	6.67	7.92	11.4	1.736	87.2	4.2	1.0
1091	6/25/2016 12:06:06	18.46	51.52	33.93	6.58	7.91	10.9	1.807	86.0	3.1	0.7
1092	6/25/2016 12:21:06	18.50	51.48	33.89	6.70	7.91	10.3	1.893	87.6	4.1	1.0
1093	6/25/2016 12:36:06	18.41	51.44	33.86	6.83	7.91	10.0	1.978	89.0	3.6	0.9
1094	6/25/2016 12:51:06	18.34	51.37	33.82	6.85	7.91	11.0	2.065	89.2	3.6	0.9
1095	6/25/2016 13:06:06	18.39	51.40	33.84	6.76	7.91	11.2	2.146	88.1	3.5	0.8
1096	6/25/2016 13:21:06	18.36	51.39	33.83	6.68	7.90	13.8	2.255	87.0	3.6	0.8
1097	6/25/2016 13:36:06	18.10	51.25	33.73	6.74	7.89	13.7	2.347	87.3	3.6	0.8
1098	6/25/2016 13:51:05	17.77	51.14	33.64	6.89	7.89	13.6	2.432	88.6	3.2	0.8
1099	6/25/2016 14:06:06	17.75	51.17	33.67	6.97	7.89	14.0	2.537	89.6	3.2	0.8
1100	6/25/2016 14:21:06	17.64	51.16	33.66	7.00	7.89	13.3	2.617	89.9	10.8	2.6
1101	6/25/2016 14:36:06	17.49	51.08	33.60	6.97	7.89	17.8	2.708	89.2	8.7	2.1
1102	6/25/2016 14:51:05	17.27	51.03	33.55	6.92	7.88	20.0	2.791	88.1	8.2	1.9
1103	6/25/2016 15:06:06	16.95	51.01	33.54	6.87	7.87	24.1	2.873	86.9	4.4	1.1
1104	6/25/2016 15:21:06	16.65	50.98	33.52	6.86	7.87	20.8	2.948	86.4	3.4	0.8
1105	6/25/2016 15:36:06	16.17	50.93	33.47	6.89	7.86	17.2	3.025	85.9	6.0	1.4
1106	6/25/2016 15:51:06	15.58	50.94	33.46	6.87	7.86	17.9	3.099	84.6	3.7	0.9
1107	6/25/2016 16:06:06	15.06	50.91	33.43	6.94	7.86	15.3	3.156	84.5	2.8	0.7
1108	6/25/2016 16:21:06	14.82	50.88	33.40	6.98	7.86	11.2	3.226	84.7	2.3	0.5
1109	6/25/2016 16:36:05	14.64	50.91	33.42	7.02	7.87	8.9	3.280	84.8	1.9	0.5
1110	6/25/2016 16:51:05	14.58	50.91	33.41	7.01	7.87	16.2	3.309	84.6	2.1	0.5
1111	6/25/2016 17:06:06	14.55	50.89	33.41	6.88	7.86	5.9	3.334	83.0	1.7	0.4
1112	6/25/2016 17:21:06	14.62	50.96	33.46	6.77	7.86	7.9	3.341	81.8	1.2	0.3
1113	6/25/2016 17:36:06	14.59	50.89	33.40	6.69	7.85	9.0	3.334	80.8	2.0	0.5
1114	6/25/2016 17:51:06	14.64	50.90	33.41	6.66	7.84	4.8	3.290	80.5	1.3	0.3
1115	6/25/2016 18:06:06	14.79	50.85	33.38	6.79	7.85	8.7	3.235	82.3	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
1116	6/25/2016 18:21:05	15.67	50.83	33.39	6.95	7.87	8.6	3.178	85.7	1.6	0.4
1117	6/25/2016 18:36:06	16.02	50.92	33.46	7.40	7.90	7.6	3.112	91.9	2.0	0.5
1118	6/25/2016 18:51:06	16.12	50.89	33.43	7.44	7.88	8.4	3.021	92.6	2.4	0.6
1119	6/25/2016 19:06:06	16.51	50.91	33.46	7.47	7.91	9.8	2.956	93.8	2.4	0.6
1120	6/25/2016 19:21:06	16.91	50.85	33.42	7.61	7.92	10.2	2.878	96.2	2.6	0.6
1121	6/25/2016 19:36:06	16.92	51.00	33.53	7.77	7.94	8.9	2.798	98.3	2.6	0.6
1122	6/25/2016 19:51:06	17.42	50.87	33.44	7.79	7.94	8.3	2.724	99.4	2.5	0.6
1123	6/25/2016 20:06:06	17.54	51.01	33.54	7.82	7.95	9.4	2.646	100.0	1.9	0.4
1124	6/25/2016 20:21:06	17.58	51.02	33.55	7.86	7.95	9.2	2.578	100.7	2.6	0.6
1125	6/25/2016 20:36:06	17.76	51.09	33.61	7.86	7.95	8.4	2.512	101.0	2.8	0.7
1126	6/25/2016 20:51:06	17.74	51.05	33.58	7.84	7.95	8.2	2.431	100.8	3.1	0.7
1127	6/25/2016 21:06:06	17.88	51.11	33.62	7.75	7.95	14.0	2.362	99.9	3.5	0.8
1128	6/25/2016 21:21:05	18.14	51.14	33.65	7.60	7.94	6.7	2.316	98.4	3.1	0.7
1129	6/25/2016 21:36:05	18.11	51.19	33.68	7.61	7.94	7.3	2.255	98.5	3.7	0.9
1130	6/25/2016 21:51:05	18.20	51.25	33.73	7.53	7.94	6.9	2.209	97.7	4.2	1.0
1131	6/25/2016 22:06:06	18.90	51.33	33.79	7.47	7.95	6.7	2.177	98.3	6.3	1.5
1132	6/25/2016 22:21:06	19.16	51.40	33.84	7.40	7.94	7.6	2.154	97.8	4.5	1.1
1133	6/25/2016 22:36:05	19.45	51.39	33.83	7.16	7.94	5.9	2.156	95.2	3.4	0.8
1134	6/25/2016 22:51:05	19.61	51.57	33.97	7.67	7.98	6.4	2.154	102.3	5.2	1.2
1135	6/25/2016 23:06:05	19.47	51.48	33.90	7.54	7.97	6.2	2.165	100.2	3.7	0.9
1136	6/25/2016 23:21:05	19.19	51.42	33.85	7.51	7.96	7.0	2.225	99.3	11.0	2.6
1137	6/25/2016 23:36:05	19.11	51.41	33.85	7.41	7.94	7.6	2.250	97.9	13.8	3.3
1138	6/25/2016 23:51:06	19.01	51.36	33.81	7.41	7.94	6.7	2.293	97.6	5.9	1.4
1139	6/26/2016 00:06:05	19.32	51.41	33.85	7.52	7.95	9.8	2.364	99.7	4.5	1.1
1140	6/26/2016 00:21:05	19.11	51.31	33.77	7.52	7.95	9.3	2.423	99.2	7.6	1.8
1141	6/26/2016 00:36:05	18.80	51.22	33.71	7.46	7.93	8.1	2.484	97.9	4.1	1.0
1142	6/26/2016 00:51:05	18.58	51.23	33.72	7.42	7.93	7.5	2.544	96.9	4.6	1.1
1143	6/26/2016 01:06:05	18.26	51.20	33.69	7.37	7.92	7.1	2.598	95.7	3.7	0.9
1144	6/26/2016 01:21:06	17.83	51.13	33.64	7.29	7.91	7.3	2.663	93.9	4.8	1.1
1145	6/26/2016 01:36:06	17.24	51.07	33.59	7.14	7.89	7.4	2.734	90.9	7.2	1.7
1146	6/26/2016 01:51:06	16.92	51.01	33.54	7.14	7.89	6.5	2.782	90.4	3.4	0.8
1147	6/26/2016 02:06:06	16.76	51.00	33.53	7.14	7.89	6.5	2.841	90.1	8.2	2.0
1148	6/26/2016 02:21:05	16.59	50.96	33.50	7.18	7.89	6.1	2.907	90.2	2.9	0.7
1149	6/26/2016 02:36:05	16.50	50.96	33.50	7.18	7.89	5.0	2.959	90.0	10.2	2.4
1150	6/26/2016 02:51:06	16.29	50.98	33.51	7.15	7.89	5.7	3.019	89.4	9.8	2.3
1151	6/26/2016 03:06:06	15.90	50.97	33.49	7.09	7.88	5.5	3.068	87.9	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
1152	6/26/2016 03:21:06	15.46	50.94	33.46	7.04	7.87	5.3	3.131	86.5	1.6	0.4
1153	6/26/2016 03:36:06	15.09	50.93	33.44	6.99	7.86	4.7	3.177	85.3	2.7	0.6
1154	6/26/2016 03:51:06	14.92	50.94	33.45	6.99	7.86	4.8	3.205	85.0	2.2	0.5
1155	6/26/2016 04:06:06	14.87	50.92	33.44	6.92	7.86	3.7	3.243	84.0	1.9	0.4
1156	6/26/2016 04:21:06	14.72	50.95	33.45	6.89	7.85	3.3	3.273	83.5	1.8	0.4
1157	6/26/2016 04:36:06	14.53	50.93	33.43	6.67	7.83	3.2	3.266	80.5	1.8	0.4
1158	6/26/2016 04:51:06	15.03	50.77	33.33	6.59	7.84	3.1	3.260	80.2	1.6	0.4
1159	6/26/2016 05:06:06	14.71	50.91	33.42	6.66	7.84	2.8	3.254	80.6	1.4	0.3
1160	6/26/2016 05:21:05	14.92	50.94	33.45	6.67	7.85	2.9	3.207	81.1	1.8	0.4
1161	6/26/2016 05:36:06	15.48	51.05	33.54	6.72	7.84	5.4	3.145	82.7	1.9	0.4
1162	6/26/2016 05:51:06	16.61	50.73	33.33	6.54	7.84	6.2	3.082	82.1	4.3	1.0
1163	6/26/2016 06:06:06	16.16	51.02	33.53	6.81	7.86	7.8	3.002	84.9	3.1	0.7
1164	6/26/2016 06:21:06	16.15	50.98	33.50	6.85	7.86	8.9	2.911	85.3	3.0	0.7
1165	6/26/2016 06:36:06	16.59	51.09	33.59	6.78	7.86	7.3	2.828	85.3	2.2	0.5
1166	6/26/2016 06:51:06	16.97	51.09	33.60	6.69	7.86	8.9	2.730	84.7	2.3	0.6
1167	6/26/2016 07:06:06	17.17	51.17	33.66	6.59	7.85	8.1	2.643	83.8	2.1	0.5
1168	6/26/2016 07:21:06	17.23	51.17	33.66	6.54	7.84	6.1	2.532	83.3	2.5	0.6
1169	6/26/2016 07:36:06	17.48	51.24	33.71	6.69	7.86	8.3	2.436	85.6	3.0	0.7
1170	6/26/2016 07:51:06	17.83	51.26	33.73	6.77	7.87	9.3	2.338	87.2	2.6	0.6
1171	6/26/2016 08:06:06	17.56	51.26	33.73	6.74	7.86	8.4	2.228	86.4	2.9	0.7
1172	6/26/2016 08:21:06	17.59	51.35	33.79	6.89	7.87	7.7	2.108	88.4	3.1	0.7
1173	6/26/2016 08:36:06	18.06	51.43	33.86	7.00	7.89	12.0	2.005	90.7	2.7	0.6
1174	6/26/2016 08:51:06	17.67	51.38	33.82	7.14	7.89	7.7	1.904	91.7	2.8	0.7
1175	6/26/2016 09:06:05	18.00	51.36	33.81	7.12	7.90	8.1	1.803	92.1	3.2	0.8
1176	6/26/2016 09:21:06	17.93	51.38	33.82	7.25	7.90	7.2	1.704	93.6	2.7	0.6
1177	6/26/2016 09:36:06	18.10	51.44	33.86	7.18	7.90	7.1	1.619	93.1	2.9	0.7
1178	6/26/2016 09:51:06	18.18	51.45	33.87	7.19	7.91	6.6	1.568	93.4	2.5	0.6
1179	6/26/2016 10:06:06	18.17	51.43	33.86	7.24	7.91	6.1	1.503	94.0	3.0	0.7
1180	6/26/2016 10:21:06	18.32	51.42	33.85	7.24	7.91	6.0	1.449	94.2	3.1	0.7
1181	6/26/2016 10:36:06	18.41	51.43	33.86	7.06	7.90	5.4	1.435	92.0	2.5	0.6
1182	6/26/2016 10:51:06	18.38	51.44	33.87	7.30	7.91	5.7	1.461	95.1	3.3	0.8
1183	6/26/2016 11:06:05	18.53	51.44	33.86	7.18	7.91	5.7	1.459	93.8	3.0	0.7
1184	6/26/2016 11:21:05	18.59	51.44	33.87	7.08	7.91	5.0	1.487	92.6	3.5	0.8
1185	6/26/2016 11:36:05	18.74	51.55	33.95	6.99	7.91	5.9	1.547	91.8	3.5	0.8
1186	6/26/2016 11:51:05	18.85	51.52	33.92	7.06	7.91	6.5	1.622	92.8	22.5	5.3
1187	6/26/2016 12:06:05	19.04	51.58	33.97	7.08	7.92	6.2	1.669	93.5	19.3	4.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1188	6/26/2016 12:21:05	19.02	51.60	33.98	7.05	7.91	6.5	1.744	93.0	25.1	6.0
1189	6/26/2016 12:36:05	18.98	51.53	33.93	7.01	7.91	6.4	1.823	92.5	42.5	10.1
1190	6/26/2016 12:51:05	18.86	51.52	33.93	7.01	7.91	6.5	1.908	92.3	42.9	10.2
1191	6/26/2016 13:06:06	18.75	51.49	33.91	7.06	7.91	6.2	1.986	92.7	3.3	0.8
1192	6/26/2016 13:21:06	18.70	51.46	33.88	7.09	7.91	6.7	2.063	93.0	32.8	7.8
1193	6/26/2016 13:36:06	18.66	51.47	33.89	6.95	7.90	6.7	2.163	91.0	3.8	0.9
1194	6/26/2016 13:51:06	18.52	51.42	33.85	6.90	7.89	6.7	2.255	90.1	3.3	0.8
1195	6/26/2016 14:06:06	18.25	51.33	33.79	6.84	7.88	6.5	2.336	88.8	2.9	0.7
1196	6/26/2016 14:21:06	18.04	51.30	33.76	6.80	7.87	7.6	2.431	88.0	3.1	0.7
1197	6/26/2016 14:36:06	17.88	51.23	33.71	6.75	7.87	7.1	2.518	87.1	2.8	0.7
1198	6/26/2016 14:51:06	17.76	51.17	33.66	6.77	7.87	7.4	2.605	87.0	2.5	0.6
1199	6/26/2016 15:06:06	17.67	51.20	33.69	6.81	7.87	8.6	2.694	87.5	3.1	0.7
1200	6/26/2016 15:21:06	17.38	51.15	33.65	6.70	7.86	10.4	2.769	85.5	2.3	0.5
1201	6/26/2016 15:36:06	17.24	51.10	33.61	6.71	7.86	10.7	2.855	85.4	2.6	0.6
1202	6/26/2016 15:51:06	16.79	51.01	33.54	6.81	7.85	12.9	2.939	85.9	2.5	0.6
1203	6/26/2016 16:06:06	16.45	50.98	33.51	6.85	7.85	11.2	3.016	85.8	2.4	0.6
1204	6/26/2016 16:21:05	15.94	50.92	33.46	6.90	7.85	11.4	3.098	85.5	2.2	0.5
1205	6/26/2016 16:36:05	15.40	50.93	33.45	6.84	7.84	11.1	3.162	84.0	2.2	0.5
1206	6/26/2016 16:51:06	14.89	50.96	33.46	6.87	7.83	9.5	3.247	83.5	2.0	0.5
1207	6/26/2016 17:06:05	14.47	50.95	33.44	6.97	7.84	10.7	3.314	84.0	2.5	0.6
1208	6/26/2016 17:21:06	14.12	50.99	33.46	7.07	7.84	6.4	3.354	84.6	2.0	0.5
1209	6/26/2016 17:36:05	13.98	51.01	33.47	7.12	7.85	5.6	3.405	84.9	1.4	0.3
1210	6/26/2016 17:51:06	13.93	51.01	33.47	7.09	7.85	3.6	3.437	84.5	1.3	0.3
1211	6/26/2016 18:06:06	14.29	51.00	33.47	7.01	7.85	4.3	3.440	84.2	1.9	0.4
1212	6/26/2016 18:21:06	13.99	51.00	33.47	6.89	7.84	4.6	3.426	82.3	1.4	0.3
1213	6/26/2016 18:36:06	13.99	50.99	33.46	6.89	7.84	4.7	3.401	82.2	2.0	0.5
1214	6/26/2016 18:51:05	14.16	50.97	33.45	6.90	7.84	4.6	3.345	82.6	1.9	0.4
1215	6/26/2016 19:06:05	14.77	50.98	33.47	6.87	7.84	7.1	3.283	83.2	1.6	0.4
1216	6/26/2016 19:21:05	15.39	51.02	33.52	7.03	7.85	7.9	3.211	86.3	2.1	0.5
1217	6/26/2016 19:36:05	15.27	51.04	33.53	7.20	7.87	7.4	3.125	88.2	2.3	0.5
1218	6/26/2016 19:51:06	16.41	51.04	33.55	7.30	7.89	8.0	3.047	91.4	2.2	0.5
1219	6/26/2016 20:06:05	17.04	51.16	33.65	7.21	7.89	9.0	2.966	91.5	3.0	0.7
1220	6/26/2016 20:21:05	17.24	51.15	33.65	7.20	7.89	7.7	2.879	91.7	2.8	0.7
1221	6/26/2016 20:36:06	17.47	51.20	33.68	7.17	7.89	7.0	2.800	91.7	3.1	0.7
1222	6/26/2016 20:51:06	17.83	51.19	33.68	7.13	7.89	7.7	2.718	91.8	3.0	0.7
1223	6/26/2016 21:06:06	17.72	51.22	33.70	7.03	7.88	8.4	2.643	90.3	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
1224	6/26/2016 21:21:06	17.83	51.20	33.69	7.02	7.88	7.0	2.563	90.5	3.5	0.8
1225	6/26/2016 21:36:06	18.05	51.28	33.74	7.09	7.89	8.3	2.491	91.7	4.2	1.0
1226	6/26/2016 21:51:06	17.81	51.20	33.68	6.89	7.87	7.0	2.413	88.8	3.4	0.8
1227	6/26/2016 22:06:06	17.84	51.25	33.72	6.92	7.88	6.4	2.350	89.2	3.5	0.8
1228	6/26/2016 22:21:06	17.80	51.28	33.75	6.92	7.88	6.4	2.280	89.1	3.9	0.9
1229	6/26/2016 22:36:06	17.96	51.37	33.81	7.01	7.88	6.0	2.208	90.6	4.2	1.0
1230	6/26/2016 22:51:05	17.94	51.35	33.80	7.04	7.89	5.9	2.166	90.9	3.9	0.9
1231	6/26/2016 23:06:06	18.10	51.42	33.85	7.08	7.89	6.3	2.112	91.8	4.3	1.0
1232	6/26/2016 23:21:06	18.22	51.39	33.83	7.11	7.90	5.7	2.080	92.4	3.9	0.9
1233	6/26/2016 23:36:06	18.73	51.49	33.91	7.22	7.91	5.3	2.074	94.7	5.1	1.2
1234	6/26/2016 23:51:06	19.05	51.47	33.89	7.20	7.91	5.9	2.047	95.0	5.3	1.3
1235	6/27/2016 00:06:05	19.36	51.66	34.03	7.17	7.92	4.5	2.064	95.2	4.4	1.0
1236	6/27/2016 00:21:05	19.17	51.57	33.97	7.15	7.93	5.4	2.088	94.6	4.9	1.2
1237	6/27/2016 00:36:06	19.02	51.56	33.96	7.16	7.93	5.9	2.133	94.5	4.4	1.0
1238	6/27/2016 00:51:06	19.00	51.53	33.93	7.14	7.92	5.4	2.175	94.2	4.2	1.0
1239	6/27/2016 01:06:05	18.84	51.51	33.92	7.10	7.92	5.6	2.226	93.3	4.0	0.9
1240	6/27/2016 01:21:05	18.81	51.49	33.90	7.06	7.91	7.3	2.291	92.8	4.5	1.1
1241	6/27/2016 01:36:06	18.83	51.48	33.90	7.02	7.91	7.2	2.361	92.3	3.8	0.9
1242	6/27/2016 01:51:06	18.46	51.41	33.84	7.01	7.90	7.0	2.426	91.5	4.2	1.0
1243	6/27/2016 02:06:06	18.22	51.36	33.81	6.98	7.89	5.7	2.473	90.7	3.5	0.8
1244	6/27/2016 02:21:06	18.09	51.29	33.76	6.94	7.88	5.6	2.540	89.9	3.4	0.8
1245	6/27/2016 02:36:06	17.74	51.24	33.72	6.89	7.87	5.4	2.603	88.6	3.0	0.7
1246	6/27/2016 02:51:06	17.27	51.15	33.64	6.85	7.86	4.7	2.653	87.3	2.8	0.7
1247	6/27/2016 03:06:06	17.02	51.17	33.66	6.82	7.85	4.6	2.707	86.4	2.4	0.6
1248	6/27/2016 03:21:06	16.87	51.15	33.64	6.79	7.85	4.7	2.761	85.8	2.6	0.6
1249	6/27/2016 03:36:06	16.73	51.11	33.61	6.81	7.85	4.5	2.824	85.8	2.2	0.5
1250	6/27/2016 03:51:05	16.58	51.10	33.60	6.84	7.85	4.3	2.869	86.0	2.5	0.6
1251	6/27/2016 04:06:05	16.43	51.09	33.59	6.85	7.85	4.2	2.916	85.9	2.4	0.6
1252	6/27/2016 04:21:06	16.30	51.09	33.59	6.88	7.85	4.2	2.964	86.0	2.7	0.6
1253	6/27/2016 04:36:05	16.09	51.07	33.57	6.86	7.85	4.0	3.014	85.4	2.3	0.5
1254	6/27/2016 04:51:06	15.82	51.06	33.55	6.89	7.85	3.7	3.055	85.3	2.2	0.5
1255	6/27/2016 05:06:06	15.67	51.02	33.53	6.87	7.85	3.6	3.089	84.8	2.2	0.5
1256	6/27/2016 05:21:06	15.60	51.02	33.52	6.81	7.84	3.6	3.119	83.9	2.8	0.7
1257	6/27/2016 05:36:06	15.56	51.00	33.50	6.72	7.84	2.9	3.140	82.7	2.1	0.5
1258	6/27/2016 05:51:06	15.99	51.14	33.62	6.69	7.84	4.2	3.142	83.2	2.9	0.7
1259	6/27/2016 06:06:06	15.52	51.05	33.54	6.50	7.82	3.0	3.119	80.0	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
1260	6/27/2016 06:21:06	15.59	51.04	33.54	6.54	7.82	4.7	3.103	80.6	1.8	0.4
1261	6/27/2016 06:36:05	15.67	50.98	33.49	6.59	7.83	3.2	3.055	81.3	1.1	0.3
1262	6/27/2016 06:51:06	16.16	51.04	33.55	6.57	7.83	5.4	2.993	81.9	1.8	0.4
1263	6/27/2016 07:06:06	16.42	51.12	33.61	6.54	7.83	6.5	2.926	81.9	2.1	0.5
1264	6/27/2016 07:21:07	16.39	51.09	33.59	6.60	7.83	6.8	2.843	82.7	2.2	0.5
1265	6/27/2016 07:36:06	16.59	51.07	33.58	6.56	7.83	6.5	2.763	82.4	2.0	0.5
1266	6/27/2016 07:51:06	16.87	51.12	33.62	6.44	7.82	7.3	2.675	81.4	2.1	0.5
1267	6/27/2016 08:06:06	17.10	51.17	33.66	6.34	7.82	6.5	2.589	80.5	2.5	0.6
1268	6/27/2016 08:21:06	17.40	51.17	33.66	6.25	7.81	7.1	2.498	79.9	2.4	0.6
1269	6/27/2016 08:36:06	17.30	51.25	33.72	6.35	7.82	8.3	2.402	81.1	3.0	0.7
1270	6/27/2016 08:51:06	17.32	51.22	33.70	6.42	7.83	7.7	2.312	81.9	2.7	0.6
1271	6/27/2016 09:06:06	17.53	51.28	33.74	6.48	7.83	6.5	2.214	83.1	3.0	0.7
1272	6/27/2016 09:21:06	17.48	51.34	33.79	6.64	7.84	6.0	2.112	85.0	2.6	0.6
1273	6/27/2016 09:36:06	17.68	51.30	33.76	6.73	7.85	5.9	2.027	86.5	2.9	0.7
1274	6/27/2016 09:51:06	17.66	51.36	33.80	6.91	7.86	5.6	1.936	88.7	2.9	0.7
1275	6/27/2016 10:06:06	18.08	51.39	33.83	6.80	7.87	5.9	1.844	88.1	3.2	0.8
1276	6/27/2016 10:21:06	17.93	51.40	33.83	7.15	7.89	5.9	1.780	92.4	3.2	0.8
1277	6/27/2016 10:36:06	18.05	51.37	33.81	7.11	7.89	5.7	1.718	92.1	3.1	0.7
1278	6/27/2016 10:51:06	18.15	51.42	33.85	7.13	7.89	5.7	1.663	92.4	3.0	0.7
1279	6/27/2016 11:06:06	18.20	51.43	33.86	7.10	7.89	5.4	1.634	92.2	3.1	0.7
1280	6/27/2016 11:21:06	18.27	51.39	33.83	6.86	7.88	4.7	1.615	89.2	2.6	0.6
1281	6/27/2016 11:36:06	18.30	51.37	33.82	6.82	7.87	5.1	1.606	88.7	3.1	0.7
1282	6/27/2016 11:51:06	18.39	51.48	33.90	6.90	7.89	4.6	1.622	90.0	3.0	0.7
1283	6/27/2016 12:06:05	18.64	51.48	33.89	6.89	7.89	5.0	1.640	90.3	4.0	0.9
1284	6/27/2016 12:21:06	18.61	51.50	33.91	6.89	7.89	4.7	1.692	90.3	4.1	1.0
1285	6/27/2016 12:36:05	18.60	51.47	33.89	6.85	7.89	5.3	1.736	89.7	3.7	0.9
1286	6/27/2016 12:51:06	18.60	51.49	33.90	6.86	7.89	5.6	1.791	89.8	4.0	1.0
1287	6/27/2016 13:06:05	18.63	51.50	33.91	6.90	7.89	8.6	1.853	90.4	3.7	0.9
1288	6/27/2016 13:21:06	18.49	51.44	33.87	6.79	7.88	6.1	1.942	88.6	3.5	0.8
1289	6/27/2016 13:36:06	18.43	51.45	33.87	6.76	7.88	5.6	2.010	88.2	3.5	0.8
1290	6/27/2016 13:51:06	18.41	51.38	33.82	6.68	7.87	5.1	2.075	87.1	3.2	0.8
1291	6/27/2016 14:06:06	18.40	51.42	33.85	6.65	7.87	6.2	2.169	86.7	3.6	0.8
1292	6/27/2016 14:21:06	18.27	51.40	33.84	6.66	7.86	5.9	2.247	86.6	3.2	0.8
1293	6/27/2016 14:36:06	18.22	51.37	33.81	6.50	7.85	6.7	2.335	84.4	3.1	0.7
1294	6/27/2016 14:51:06	17.93	51.27	33.74	6.50	7.84	6.4	2.412	83.9	2.9	0.7
1295	6/27/2016 15:06:05	17.71	51.21	33.69	6.47	7.84	6.6	2.508	83.1	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
1296	6/27/2016 15:21:06	17.56	51.22	33.70	6.45	7.83	6.9	2.596	82.7	2.4	0.6
1297	6/27/2016 15:36:06	17.47	51.20	33.68	6.46	7.83	7.8	2.668	82.7	2.1	0.5
1298	6/27/2016 15:51:06	17.33	51.15	33.65	6.49	7.83	6.9	2.752	82.8	2.3	0.6
1299	6/27/2016 16:06:06	17.17	51.13	33.63	6.54	7.83	7.5	2.832	83.2	2.2	0.5
1300	6/27/2016 16:21:06	16.80	51.06	33.57	6.40	7.82	9.4	2.920	80.8	2.1	0.5
1301	6/27/2016 16:36:06	16.46	51.01	33.53	6.52	7.82	10.1	2.991	81.8	2.2	0.5
1302	6/27/2016 16:51:06	16.08	50.98	33.51	6.82	7.84	9.8	3.075	84.8	2.2	0.5
1303	6/27/2016 17:06:06	15.60	50.98	33.49	6.94	7.84	9.6	3.160	85.5	2.7	0.6
1304	6/27/2016 17:21:06	14.95	50.94	33.45	7.04	7.84	8.2	3.226	85.7	2.6	0.6
1305	6/27/2016 17:36:06	14.46	50.92	33.42	7.13	7.85	9.2	3.308	85.9	1.7	0.4
1306	6/27/2016 17:51:06	14.02	50.92	33.41	7.27	7.86	6.9	3.371	86.7	2.5	0.6
1307	6/27/2016 18:06:05	13.73	50.94	33.41	7.43	7.87	5.1	3.426	88.2	1.8	0.4
1308	6/27/2016 18:21:05	13.66	50.96	33.43	7.47	7.88	4.3	3.463	88.5	1.4	0.3
1309	6/27/2016 18:36:05	13.61	50.94	33.41	7.42	7.87	3.4	3.496	87.9	1.5	0.3
1310	6/27/2016 18:51:06	13.58	50.98	33.44	7.33	7.87	4.9	3.527	86.7	2.7	0.6
1311	6/27/2016 19:06:06	13.55	51.00	33.45	7.13	7.85	3.1	3.507	84.3	1.6	0.4
1312	6/27/2016 19:21:06	13.58	50.97	33.43	7.32	7.87	3.7	3.467	86.6	1.2	0.3
1313	6/27/2016 19:36:06	13.70	50.96	33.43	7.27	7.87	3.7	3.442	86.3	1.2	0.3
1314	6/27/2016 19:51:06	14.25	50.95	33.43	7.23	7.86	5.6	3.380	86.7	1.3	0.3
1315	6/27/2016 20:06:06	14.59	51.00	33.49	7.41	7.87	7.3	3.294	89.5	2.0	0.5
1316	6/27/2016 20:21:06	14.38	51.00	33.47	7.46	7.87	7.5	3.218	89.8	2.8	0.7
1317	6/27/2016 20:36:06	14.93	50.88	33.41	7.33	7.85	7.8	3.145	89.1	2.4	0.6
1318	6/27/2016 20:51:06	15.79	51.02	33.52	7.29	7.87	9.0	3.046	90.3	2.8	0.7
1319	6/27/2016 21:06:06	16.65	51.13	33.62	7.22	7.88	11.3	2.955	90.9	2.6	0.6
1320	6/27/2016 21:21:06	16.98	51.07	33.58	7.11	7.87	10.0	2.870	90.0	3.1	0.7
1321	6/27/2016 21:36:06	17.32	51.14	33.64	7.07	7.87	11.4	2.784	90.2	3.1	0.7
1322	6/27/2016 21:51:06	17.24	51.16	33.65	6.91	7.85	9.8	2.710	88.0	3.7	0.9
1323	6/27/2016 22:06:06	17.48	51.18	33.67	6.96	7.86	8.6	2.598	89.0	3.5	0.8
1324	6/27/2016 22:21:05	17.23	51.09	33.60	6.89	7.84	8.1	2.533	87.7	3.3	0.8
1325	6/27/2016 22:36:06	17.29	51.08	33.60	6.89	7.85	7.2	2.438	87.8	3.7	0.9
1326	6/27/2016 22:51:06	17.24	51.09	33.60	6.90	7.85	8.5	2.342	87.8	2.9	0.7
1327	6/27/2016 23:06:06	16.96	51.19	33.67	6.89	7.84	8.3	2.254	87.3	3.1	0.7
1328	6/27/2016 23:21:06	17.32	51.21	33.69	6.95	7.85	7.8	2.173	88.6	3.3	0.8
1329	6/27/2016 23:36:06	17.20	51.22	33.70	6.94	7.85	7.5	2.102	88.3	3.7	0.9
1330	6/27/2016 23:51:06	17.51	51.26	33.72	6.94	7.86	7.7	2.019	88.9	3.9	0.9
1331	6/28/2016 00:06:06	17.71	51.32	33.77	6.95	7.86	7.2	1.958	89.4	4.1	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
1332	6/28/2016 00:21:06	18.01	51.29	33.76	6.98	7.87	5.9	1.919	90.2	4.4	1.0
1333	6/28/2016 00:36:05	18.27	51.34	33.79	7.00	7.88	5.6	1.893	90.9	4.3	1.0
1334	6/28/2016 00:51:06	18.47	51.37	33.81	6.75	7.86	4.7	1.864	88.0	4.4	1.0
1335	6/28/2016 01:06:06	18.51	51.39	33.83	5.97	7.80	4.5	1.854	77.9	2.7	0.6
1336	6/28/2016 01:21:06	18.63	51.39	33.83	7.08	7.89	5.0	1.911	92.7	4.2	1.0
1337	6/28/2016 01:36:06	18.56	51.45	33.88	7.13	7.89	264.5	1.933	93.2	3.8	0.9
1338	6/28/2016 01:51:06	18.75	51.50	33.91	7.11	7.90	186.2	1.962	93.4	4.3	1.0
1339	6/28/2016 02:06:06	18.59	51.43	33.86	7.11	7.90	190.9	2.042	93.0	3.7	0.9
1340	6/28/2016 02:21:06	18.47	51.45	33.88	7.03	7.89	147.1	2.096	91.7	4.2	1.0
1341	6/28/2016 02:36:06	18.55	51.47	33.89	6.96	7.88	18.1	2.159	91.0	3.9	0.9
1342	6/28/2016 02:51:05	18.43	51.44	33.86	6.91	7.89	55.2	2.223	90.2	4.0	1.0
1343	6/28/2016 03:06:06	18.19	51.39	33.83	6.88	7.87	30.0	2.296	89.3	3.8	0.9
1344	6/28/2016 03:21:06	18.03	51.34	33.79	6.84	7.86	36.8	2.359	88.5	3.5	0.8
1345	6/28/2016 03:36:06	17.94	51.31	33.77	6.82	7.86	5.5	2.403	88.0	3.5	0.8
1346	6/28/2016 03:51:06	17.81	51.30	33.76	6.77	7.85	5.4	2.475	87.2	3.5	0.8
1347	6/28/2016 04:06:06	17.35	51.22	33.70	6.79	7.85	5.0	2.531	86.7	2.9	0.7
1348	6/28/2016 04:21:06	17.12	51.14	33.64	6.80	7.84	5.0	2.583	86.4	3.0	0.7
1349	6/28/2016 04:36:06	16.92	51.15	33.64	6.80	7.84	4.7	2.639	86.1	2.6	0.6
1350	6/28/2016 04:51:06	16.76	51.11	33.61	6.81	7.84	5.0	2.698	85.9	2.4	0.6
1351	6/28/2016 05:06:06	16.49	51.05	33.56	6.89	7.84	5.1	2.751	86.5	2.8	0.7
1352	6/28/2016 05:21:06	16.36	51.02	33.54	6.91	7.84	4.9	2.800	86.4	2.6	0.6
1353	6/28/2016 05:36:06	16.15	51.06	33.56	6.92	7.85	4.6	2.851	86.3	2.6	0.6
1354	6/28/2016 05:51:06	15.98	50.99	33.51	6.89	7.84	4.3	2.891	85.5	2.5	0.6
1355	6/28/2016 06:06:06	15.84	51.03	33.53	6.86	7.84	4.0	2.936	84.9	2.4	0.6
1356	6/28/2016 06:21:06	15.74	51.07	33.56	6.85	7.84	4.2	2.971	84.7	2.1	0.5
1357	6/28/2016 06:36:06	15.63	51.00	33.51	6.80	7.83	3.3	2.999	83.8	1.8	0.4
1358	6/28/2016 06:51:06	15.70	51.03	33.53	6.64	7.82	3.6	3.013	82.0	2.5	0.6
1359	6/28/2016 07:06:06	15.89	51.13	33.61	6.47	7.81	3.4	3.022	80.3	2.1	0.5
1360	6/28/2016 07:21:06	15.75	50.96	33.48	6.34	7.81	3.3	3.024	78.4	1.6	0.4
1361	6/28/2016 07:36:06	15.81	51.04	33.54	6.59	7.82	3.9	2.987	81.6	1.9	0.4
1362	6/28/2016 07:51:06	15.88	51.02	33.53	6.63	7.82	4.3	2.938	82.1	1.7	0.4
1363	6/28/2016 08:06:06	16.07	50.96	33.49	6.65	7.82	4.3	2.904	82.7	1.8	0.4
1364	6/28/2016 08:21:06	16.45	51.10	33.59	6.70	7.82	5.3	2.835	84.0	2.5	0.6
1365	6/28/2016 08:36:06	16.61	51.16	33.65	6.64	7.82	6.7	2.762	83.6	2.2	0.5
1366	6/28/2016 08:51:06	16.67	51.15	33.64	6.67	7.82	7.2	2.675	84.0	2.1	0.5
1367	6/28/2016 09:06:06	16.81	51.17	33.65	6.68	7.82	7.3	2.613	84.3	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
1368	6/28/2016 09:21:06	16.92	51.17	33.66	6.58	7.82	6.1	2.525	83.3	2.3	0.5
1369	6/28/2016 09:36:06	17.01	51.19	33.67	6.58	7.81	5.9	2.438	83.5	2.1	0.5
1370	6/28/2016 09:51:06	17.10	51.23	33.70	6.82	7.83	6.8	2.360	86.6	2.8	0.7
1371	6/28/2016 10:06:06	17.13	51.21	33.69	6.90	7.83	5.7	2.266	87.7	2.5	0.6
1372	6/28/2016 10:21:06	17.12	51.22	33.70	7.20	7.85	5.5	2.207	91.5	2.3	0.6
1373	6/28/2016 10:36:06	17.29	51.26	33.72	7.20	7.85	5.9	2.111	91.8	2.8	0.7
1374	6/28/2016 10:51:06	17.30	51.26	33.72	7.75	7.88	5.3	2.027	98.9	2.9	0.7
1375	6/28/2016 11:06:06	17.47	51.25	33.72	7.63	7.89	5.7	1.965	97.6	2.6	0.6
1376	6/28/2016 11:21:06	17.73	51.33	33.78	7.30	7.88	4.9	1.899	93.9	2.5	0.6
1377	6/28/2016 11:36:06	17.85	51.30	33.76	7.74	7.90	4.8	1.843	99.7	2.4	0.6
1378	6/28/2016 11:51:06	18.04	51.29	33.75	7.09	7.87	4.9	1.788	91.8	2.3	0.5
1379	6/28/2016 12:06:06	17.98	51.30	33.76	6.47	7.83	3.7	1.767	83.7	1.9	0.5
1380	6/28/2016 12:21:06	17.99	51.29	33.75	6.72	7.83	3.9	1.750	86.8	2.6	0.6
1381	6/28/2016 12:36:06	18.02	51.26	33.73	7.16	7.88	4.8	1.739	92.5	3.7	0.9
1382	6/28/2016 12:51:06	18.06	51.27	33.74	7.43	7.89	4.8	1.758	96.2	3.5	0.8
1383	6/28/2016 13:06:06	18.12	51.34	33.79	7.27	7.88	4.7	1.780	94.2	3.2	0.8
1384	6/28/2016 13:21:06	18.15	51.36	33.80	7.18	7.88	5.1	1.830	93.1	4.1	1.0
1385	6/28/2016 13:36:06	18.13	51.32	33.78	7.10	7.87	5.4	1.878	92.0	3.8	0.9
1386	6/28/2016 13:51:06	18.09	51.31	33.77	7.03	7.86	5.6	1.931	91.1	4.1	1.0
1387	6/28/2016 14:06:06	18.06	51.31	33.77	6.96	7.85	5.5	1.993	90.1	4.0	0.9
1388	6/28/2016 14:21:06	18.01	51.27	33.74	6.90	7.85	5.7	2.075	89.3	3.2	0.8
1389	6/28/2016 14:36:06	17.97	51.28	33.75	6.83	7.85	6.0	2.148	88.2	3.7	0.9
1390	6/28/2016 14:51:06	18.02	51.35	33.80	6.75	7.85	6.3	2.214	87.4	2.9	0.7
1391	6/28/2016 15:06:06	17.92	51.31	33.77	6.77	7.84	6.1	2.294	87.4	3.5	0.8
1392	6/28/2016 15:21:06	17.75	51.25	33.72	6.81	7.84	5.9	2.374	87.6	3.6	0.9
1393	6/28/2016 15:36:06	17.59	51.28	33.75	6.66	7.84	6.7	2.460	85.4	2.9	0.7
1394	6/28/2016 15:51:06	17.33	51.19	33.68	6.64	7.83	6.1	2.525	84.7	3.2	0.8
1395	6/28/2016 16:06:06	17.18	51.16	33.65	6.60	7.82	6.4	2.613	83.9	3.2	0.8
1396	6/28/2016 16:21:06	17.05	51.11	33.62	6.58	7.82	8.0	2.702	83.5	2.4	0.6
1397	6/28/2016 16:36:06	16.88	51.03	33.55	6.47	7.81	7.2	2.776	81.8	2.4	0.6
1398	6/28/2016 16:51:06	16.71	51.02	33.54	6.62	7.82	8.1	2.859	83.4	2.8	0.7
1399	6/28/2016 17:06:06	16.49	50.99	33.51	6.65	7.82	9.6	2.943	83.4	2.3	0.5
1400	6/28/2016 17:21:06	16.11	50.98	33.50	6.57	7.81	9.2	3.030	81.7	2.0	0.5
1401	6/28/2016 17:36:06	15.59	50.93	33.46	6.88	7.82	10.6	3.110	84.8	2.3	0.5
1402	6/28/2016 17:51:06	15.13	50.90	33.42	7.03	7.84	9.8	3.197	85.8	1.8	0.4
1403	6/28/2016 18:06:06	14.56	50.90	33.41	7.08	7.85	10.3	3.277	85.4	2.7	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	Fluorescence %FS
1404	6/28/2016 18:21:05	13.97	50.87	33.37	7.15	7.86	9.3	3.362	85.2	2.1	0.5
1405	6/28/2016 18:36:05	13.42	50.92	33.39	7.29	7.87	7.8	3.437	85.9	2.4	0.6
1406	6/28/2016 18:51:05	13.23	50.94	33.40	7.38	7.86	5.7	3.494	86.7	1.8	0.4
1407	6/28/2016 19:06:05	13.14	50.92	33.38	7.45	7.88	4.5	3.557	87.3	1.4	0.3
1408	6/28/2016 19:21:05	13.11	50.96	33.40	7.43	7.88	3.6	3.594	87.1	1.9	0.4
1409	6/28/2016 19:36:05	13.05	50.95	33.39	7.32	7.86	3.1	3.616	85.6	2.3	0.6
1410	6/28/2016 19:51:05	13.19	50.99	33.43	7.08	7.86	2.6	3.625	83.1	1.7	0.4
1411	6/28/2016 20:06:05	13.10	50.94	33.39	7.23	7.87	3.6	3.607	84.6	1.6	0.4
1412	6/28/2016 20:21:05	13.09	50.94	33.39	7.25	7.87	4.3	3.562	84.8	1.8	0.4
1413	6/28/2016 20:36:05	13.22	50.94	33.40	7.26	7.88	5.0	3.507	85.3	2.3	0.5
1414	6/28/2016 20:51:05	13.65	50.94	33.41	7.24	7.87	7.7	3.430	85.8	2.3	0.5
1415	6/28/2016 21:06:06	13.55	50.95	33.41	7.33	7.87	7.6	3.342	86.6	2.2	0.5
1416	6/28/2016 21:21:06	14.95	50.96	33.46	7.55	7.90	7.7	3.260	91.8	3.0	0.7
1417	6/28/2016 21:36:06	15.82	51.05	33.55	7.41	7.89	10.0	3.163	91.7	3.7	0.9
1418	6/28/2016 21:51:06	16.19	51.01	33.53	7.39	7.89	9.2	3.065	92.2	3.4	0.8
1419	6/28/2016 22:06:06	16.17	51.03	33.54	7.19	7.87	10.0	2.967	89.6	3.0	0.7
1420	6/28/2016 22:21:05	16.45	51.07	33.57	7.13	7.87	8.4	2.879	89.3	2.8	0.7
1421	6/28/2016 22:36:06	16.79	51.11	33.61	6.97	7.85	8.0	2.786	88.0	3.3	0.8
1422	6/28/2016 22:51:06	16.98	51.10	33.61	6.93	7.85	7.3	2.683	87.8	3.2	0.8
1423	6/28/2016 23:06:06	17.03	51.12	33.62	6.83	7.84	7.9	2.585	86.6	3.1	0.7
1424	6/28/2016 23:21:06	17.09	51.11	33.61	6.86	7.85	7.5	2.489	87.1	3.9	0.9
1425	6/28/2016 23:36:06	16.98	51.18	33.66	6.83	7.83	7.1	2.385	86.6	3.6	0.8
1426	6/28/2016 23:51:06	16.86	51.24	33.70	6.85	7.85	6.9	2.282	86.6	3.5	0.8
1427	6/29/2016 00:06:06	17.51	51.30	33.75	7.03	7.87	8.0	2.172	90.1	4.2	1.0
1428	6/29/2016 00:21:06	17.32	51.26	33.73	6.97	7.87	6.7	2.081	88.9	4.2	1.0
1429	6/29/2016 00:36:06	17.39	51.29	33.75	6.90	7.86	6.8	1.969	88.2	3.8	0.9
1430	6/29/2016 00:51:06	17.70	51.33	33.78	6.97	7.87	6.7	1.889	89.6	4.5	1.1
1431	6/29/2016 01:06:06	17.79	51.37	33.81	6.96	7.87	7.3	1.815	89.6	4.3	1.0
1432	6/29/2016 01:21:05	17.85	51.35	33.80	6.99	7.87	6.4	1.740	90.2	3.8	0.9
1433	6/29/2016 01:36:06	18.08	51.41	33.84	7.09	7.88	6.3	1.716	91.8	4.4	1.1
1434	6/29/2016 01:51:06	18.31	51.43	33.86	7.26	7.90	5.9	1.661	94.5	5.1	1.2
1435	6/29/2016 02:06:06	18.41	51.47	33.89	7.17	7.89	4.6	1.676	93.5	5.1	1.2
1436	6/29/2016 02:21:06	18.35	51.43	33.86	7.24	7.89	5.3	1.688	94.3	4.8	1.1
1437	6/29/2016 02:36:06	18.33	51.45	33.87	7.23	7.90	5.0	1.691	94.1	4.8	1.1
1438	6/29/2016 02:51:06	18.42	51.47	33.89	7.26	7.90	5.2	1.754	94.6	4.8	1.1
1439	6/29/2016 03:06:06	18.46	51.47	33.89	7.32	7.91	5.3	1.803	95.5	4.9	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1440	6/29/2016 03:21:06	18.36	51.48	33.90	7.25	7.90	6.4	1.873	94.5	4.0	1.0
1441	6/29/2016 03:36:06	18.34	51.45	33.87	7.15	7.89	6.0	1.931	93.1	5.1	1.2
1442	6/29/2016 03:51:06	18.50	51.46	33.88	7.00	7.89	8.4	2.014	91.5	4.6	1.1
1443	6/29/2016 04:06:06	18.41	51.48	33.89	6.99	7.89	8.1	2.084	91.1	4.3	1.0
1444	6/29/2016 04:21:06	18.17	51.41	33.84	6.97	7.88	6.8	2.143	90.5	4.4	1.0
1445	6/29/2016 04:36:06	18.08	51.45	33.87	6.96	7.87	6.1	2.217	90.2	4.2	1.0
1446	6/29/2016 04:51:06	18.00	51.42	33.85	6.93	7.87	5.6	2.277	89.6	4.4	1.1
1447	6/29/2016 05:06:06	17.63	51.27	33.74	6.85	7.86	5.4	2.351	88.0	3.8	0.9
1448	6/29/2016 05:21:06	17.38	51.30	33.75	6.84	7.84	5.3	2.410	87.4	3.6	0.9
1449	6/29/2016 05:36:06	17.16	51.23	33.70	6.80	7.85	5.4	2.477	86.6	3.7	0.9
1450	6/29/2016 05:51:06	16.97	51.21	33.68	6.78	7.84	5.0	2.544	85.9	3.3	0.8
1451	6/29/2016 06:06:06	16.79	51.15	33.64	6.76	7.84	5.1	2.599	85.4	2.7	0.6
1452	6/29/2016 06:21:06	16.60	51.14	33.63	6.74	7.84	4.8	2.661	84.7	2.8	0.7
1453	6/29/2016 06:36:06	16.40	51.10	33.60	6.74	7.83	5.1	2.715	84.4	3.1	0.7
1454	6/29/2016 06:51:06	16.19	51.08	33.58	6.75	7.83	4.8	2.781	84.1	2.6	0.6
1455	6/29/2016 07:06:06	16.07	51.05	33.56	6.68	7.83	4.3	2.821	83.1	2.0	0.5
1456	6/29/2016 07:21:06	16.00	51.06	33.56	6.64	7.82	4.7	2.873	82.5	2.5	0.6
1457	6/29/2016 07:36:06	15.85	51.00	33.51	6.60	7.81	4.1	2.919	81.8	2.2	0.5
1458	6/29/2016 07:51:06	15.74	51.03	33.53	6.52	7.82	3.9	2.943	80.6	2.0	0.5
1459	6/29/2016 08:06:06	15.69	50.97	33.49	6.51	7.81	4.2	2.976	80.3	1.8	0.4
1460	6/29/2016 08:21:06	16.24	51.10	33.59	6.45	7.81	5.1	2.976	80.5	2.2	0.5
1461	6/29/2016 08:36:06	15.77	51.09	33.58	6.36	7.81	3.5	2.993	78.7	2.1	0.5
1462	6/29/2016 08:51:06	15.48	51.01	33.51	6.34	7.80	4.0	2.963	77.9	1.3	0.3
1463	6/29/2016 09:06:06	15.60	50.93	33.46	6.44	7.81	3.9	2.928	79.4	1.7	0.4
1464	6/29/2016 09:21:06	15.88	51.03	33.53	6.53	7.82	4.5	2.900	80.9	1.9	0.5
1465	6/29/2016 09:36:06	16.48	51.27	33.73	6.66	7.83	6.4	2.836	83.6	2.9	0.7
1466	6/29/2016 09:51:06	16.44	51.20	33.67	6.90	7.84	6.6	2.769	86.5	2.4	0.6
1467	6/29/2016 10:06:06	16.50	51.15	33.64	6.88	7.84	6.5	2.694	86.3	2.2	0.5
1468	6/29/2016 10:21:06	16.64	51.13	33.62	6.95	7.83	6.1	2.625	87.5	2.2	0.5
1469	6/29/2016 10:36:06	16.77	51.29	33.74	6.91	7.84	6.2	2.552	87.2	2.6	0.6
1470	6/29/2016 10:51:06	16.90	51.32	33.76	6.95	7.84	6.2	2.457	88.0	2.8	0.7
1471	6/29/2016 11:06:06	17.07	51.30	33.75	6.90	7.84	6.4	2.396	87.6	3.1	0.7
1472	6/29/2016 11:21:05	17.07	51.29	33.74	7.31	7.87	6.2	2.320	92.8	2.9	0.7
1473	6/29/2016 11:36:06	17.23	51.29	33.75	7.59	7.89	5.6	2.242	96.7	3.1	0.7
1474	6/29/2016 11:51:06	17.25	51.30	33.76	8.03	7.91	5.1	2.171	102.4	2.6	0.6
1475	6/29/2016 12:06:06	17.45	51.27	33.73	8.10	7.93	5.4	2.089	103.6	3.2	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	Fluorescence %FS
1476	6/29/2016 12:21:06	17.54	51.34	33.79	8.05	7.92	5.2	2.042	103.2	3.3	0.8
1477	6/29/2016 12:36:06	17.73	51.38	33.82	7.18	7.87	4.8	1.968	92.4	2.7	0.6
1478	6/29/2016 12:51:06	17.78	51.37	33.81	7.31	7.88	5.4	1.940	94.2	3.1	0.7
1479	6/29/2016 13:06:06	17.90	51.38	33.82	6.69	7.83	6.5	1.898	86.4	2.4	0.6
1480	6/29/2016 13:21:06	17.90	51.37	33.81	6.82	7.82	23.1	1.873	88.1	3.0	0.7
1481	6/29/2016 13:36:06	17.69	51.30	33.76	8.60	7.95	19.4	1.862	110.6	3.6	0.8
1482	6/29/2016 13:51:06	17.87	51.32	33.77	7.96	7.92	6.5	1.879	102.7	3.8	0.9
1483	6/29/2016 14:06:06	17.89	51.36	33.80	7.73	7.91	4.8	1.907	99.7	4.2	1.0
1484	6/29/2016 14:21:06	18.00	51.40	33.83	7.49	7.90	5.5	1.938	96.9	4.1	1.0
1485	6/29/2016 14:36:06	18.07	51.41	33.85	7.38	7.89	25.3	2.001	95.6	5.1	1.2
1486	6/29/2016 14:51:06	18.06	51.43	33.85	7.22	7.89	23.0	2.046	93.5	4.7	1.1
1487	6/29/2016 15:06:06	17.96	51.41	33.84	7.19	7.88	34.6	2.115	92.9	4.3	1.0
1488	6/29/2016 15:21:06	17.85	51.38	33.82	7.12	7.87	17.1	2.190	91.8	4.1	1.0
1489	6/29/2016 15:36:06	17.76	51.35	33.79	7.08	7.87	5.9	2.254	91.1	4.4	1.0
1490	6/29/2016 15:51:06	17.73	51.34	33.79	7.07	7.85	7.9	2.331	91.0	3.9	0.9
1491	6/29/2016 16:06:06	17.64	51.32	33.78	7.10	7.86	8.3	2.403	91.2	3.9	0.9
1492	6/29/2016 16:21:06	17.43	51.29	33.75	6.97	7.86	11.3	2.482	89.2	3.7	0.9
1493	6/29/2016 16:36:06	17.18	51.25	33.72	6.93	7.85	7.8	2.556	88.2	3.9	0.9
1494	6/29/2016 16:51:06	16.92	51.19	33.67	6.87	7.85	11.8	2.637	86.9	3.2	0.8
1495	6/29/2016 17:06:06	16.78	51.14	33.63	6.82	7.84	27.4	2.712	86.0	2.7	0.6
1496	6/29/2016 17:21:06	16.61	51.16	33.64	6.72	7.84	16.5	2.798	84.5	3.4	0.8
1497	6/29/2016 17:36:06	16.50	51.09	33.59	6.63	7.83	18.0	2.885	83.3	2.9	0.7
1498	6/29/2016 17:51:05	16.22	51.10	33.59	6.56	7.83	8.6	2.965	81.9	2.6	0.6
1499	6/29/2016 18:06:06	15.87	51.08	33.57	6.59	7.82	9.2	3.059	81.7	2.4	0.6
1500	6/29/2016 18:21:06	15.39	50.99	33.50	6.75	7.83	11.9	3.143	82.9	2.5	0.6
1501	6/29/2016 18:36:06	15.01	51.00	33.49	6.88	7.84	11.0	3.237	83.8	1.8	0.4
1502	6/29/2016 18:51:06	14.51	50.97	33.46	7.00	7.84	10.7	3.324	84.4	2.5	0.6
1503	6/29/2016 19:06:05	13.89	50.97	33.44	7.14	7.85	11.5	3.405	85.0	2.4	0.6
1504	6/29/2016 19:21:05	13.32	50.99	33.44	7.26	7.86	9.8	3.493	85.5	2.9	0.7
1505	6/29/2016 19:36:05	13.03	51.03	33.46	7.42	7.87	8.4	3.558	86.8	2.6	0.6
1506	6/29/2016 19:51:05	12.95	51.05	33.46	7.46	7.87	6.1	3.611	87.1	2.3	0.5
1507	6/29/2016 20:06:05	12.73	51.05	33.45	7.53	7.88	4.7	3.665	87.6	2.5	0.6
1508	6/29/2016 20:21:05	12.63	51.05	33.45	7.49	7.88	4.2	3.697	86.9	2.4	0.6
1509	6/29/2016 20:36:05	12.61	51.07	33.46	7.35	7.86	2.9	3.703	85.2	1.2	0.3
1510	6/29/2016 20:51:05	12.83	51.09	33.49	7.34	7.87	3.6	3.692	85.6	1.7	0.4
1511	6/29/2016 21:06:05	12.80	51.04	33.45	7.35	7.88	13.3	3.674	85.6	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
1512	6/29/2016 21:21:05	12.79	51.05	33.46	7.37	7.88	8.4	3.615	85.7	1.7	0.4
1513	6/29/2016 21:36:05	13.49	51.05	33.48	7.17	7.86	6.4	3.538	84.7	2.2	0.5
1514	6/29/2016 21:51:06	13.74	51.10	33.53	7.26	7.86	7.0	3.462	86.2	3.1	0.7
1515	6/29/2016 22:06:05	13.94	51.18	33.60	7.34	7.88	5.6	3.371	87.6	3.5	0.8
1516	6/29/2016 22:21:05	15.14	51.23	33.67	7.04	7.86	7.5	3.270	86.0	2.7	0.6
1517	6/29/2016 22:36:06	15.56	51.22	33.67	7.11	7.87	9.1	3.170	87.7	3.5	0.8
1518	6/29/2016 22:51:05	15.54	51.20	33.65	7.12	7.87	7.7	3.059	87.7	2.7	0.6
1519	6/29/2016 23:06:06	15.82	51.23	33.68	7.01	7.86	9.8	2.958	86.9	3.1	0.7
1520	6/29/2016 23:21:06	15.83	51.23	33.68	7.05	7.86	8.4	2.857	87.3	3.2	0.8
1521	6/29/2016 23:36:06	16.25	51.18	33.65	6.89	7.85	29.8	2.734	86.0	2.9	0.7
1522	6/29/2016 23:51:06	16.70	51.31	33.76	6.93	7.85	30.8	2.634	87.4	3.8	0.9
1523	6/30/2016 00:06:06	17.01	51.37	33.81	6.88	7.85	24.2	2.515	87.3	4.0	0.9
1524	6/30/2016 00:21:06	16.94	51.38	33.81	7.00	7.86	38.8	2.392	88.7	4.1	1.0
1525	6/30/2016 00:36:06	17.13	51.46	33.87	7.00	7.86	18.8	2.275	89.0	5.0	1.2
1526	6/30/2016 00:51:06	17.10	51.47	33.88	7.01	7.86	19.9	2.165	89.2	4.2	1.0
1527	6/30/2016 01:06:06	17.13	51.42	33.84	7.04	7.86	16.7	2.040	89.6	4.8	1.1
1528	6/30/2016 01:21:06	17.31	51.48	33.89	7.13	7.87	8.3	1.916	91.1	4.7	1.1
1529	6/30/2016 01:36:06	17.61	51.55	33.94	7.11	7.88	8.0	1.814	91.3	5.2	1.2
1530	6/30/2016 01:51:06	17.77	51.58	33.97	7.20	7.88	8.1	1.700	92.8	5.1	1.2
1531	6/30/2016 02:06:06	17.86	51.56	33.95	7.19	7.88	7.4	1.601	92.9	4.8	1.1
1532	6/30/2016 02:21:06	18.12	51.58	33.97	7.28	7.89	7.5	1.523	94.5	5.7	1.3
1533	6/30/2016 02:36:06	18.04	51.59	33.97	7.17	7.88	6.3	1.474	92.9	4.8	1.1
1534	6/30/2016 02:51:05	18.17	51.61	33.99	7.29	7.89	7.0	1.441	94.7	4.9	1.2
1535	6/30/2016 03:06:06	18.45	51.65	34.02	7.40	7.91	6.3	1.417	96.7	6.0	1.4
1536	6/30/2016 03:21:06	18.25	51.62	34.00	7.19	7.89	5.8	1.434	93.6	5.1	1.2
1537	6/30/2016 03:36:06	18.35	51.63	34.01	7.40	7.91	5.7	1.481	96.5	5.2	1.2
1538	6/30/2016 03:51:06	18.45	51.66	34.03	7.48	7.92	5.6	1.518	97.7	5.2	1.2
1539	6/30/2016 04:06:06	18.51	51.65	34.02	7.53	7.92	5.6	1.584	98.5	5.3	1.3
1540	6/30/2016 04:21:05	18.37	51.62	34.00	7.45	7.91	6.0	1.659	97.1	4.9	1.2
1541	6/30/2016 04:36:06	18.42	51.63	34.01	7.34	7.91	6.5	1.724	95.7	5.1	1.2
1542	6/30/2016 04:51:05	18.47	51.64	34.02	7.23	7.91	7.2	1.799	94.5	5.2	1.2
1543	6/30/2016 05:06:05	18.40	51.59	33.98	7.20	7.90	7.6	1.874	93.9	5.3	1.3
1544	6/30/2016 05:21:06	18.29	51.62	34.00	7.17	7.90	6.9	1.946	93.3	4.9	1.2
1545	6/30/2016 05:36:06	18.21	51.61	33.99	7.16	7.89	6.7	2.015	93.1	4.7	1.1
1546	6/30/2016 05:51:05	18.19	51.57	33.96	7.16	7.89	6.7	2.103	93.1	4.6	1.1
1547	6/30/2016 06:06:06	17.95	51.54	33.94	7.11	7.88	6.1	2.174	91.9	4.0	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1548	6/30/2016 06:21:06	17.54	51.46	33.87	7.01	7.87	6.0	2.251	89.8	4.1	1.0
1549	6/30/2016 06:36:06	17.21	51.36	33.79	6.95	7.85	5.4	2.328	88.6	3.4	0.8
1550	6/30/2016 06:51:06	17.06	51.37	33.80	6.91	7.85	5.6	2.405	87.8	3.4	0.8
1551	6/30/2016 07:06:06	16.89	51.31	33.76	6.89	7.83	6.1	2.474	87.2	3.0	0.7
1552	6/30/2016 07:21:06	16.72	51.29	33.74	6.83	7.84	5.6	2.540	86.2	3.1	0.7
1553	6/30/2016 07:36:06	16.53	51.24	33.70	6.81	7.84	5.9	2.622	85.5	3.1	0.7
1554	6/30/2016 07:51:05	16.41	51.23	33.69	6.77	7.83	5.6	2.672	84.9	2.5	0.6
1555	6/30/2016 08:06:06	16.26	51.24	33.70	6.72	7.83	5.7	2.742	84.0	2.5	0.6
1556	6/30/2016 08:21:06	16.15	51.23	33.69	6.70	7.83	5.5	2.798	83.6	2.5	0.6
1557	6/30/2016 08:36:06	15.99	51.19	33.65	6.71	7.83	6.4	2.841	83.4	2.7	0.6
1558	6/30/2016 08:51:05	15.67	51.11	33.59	6.56	7.82	5.4	2.903	81.0	2.7	0.6
1559	6/30/2016 09:06:05	15.47	51.10	33.58	6.43	7.81	4.5	2.936	79.1	2.7	0.6
1560	6/30/2016 09:21:06	15.38	51.10	33.58	6.36	7.80	4.0	2.975	78.1	2.7	0.6
1561	6/30/2016 09:36:06	15.33	51.10	33.57	6.28	7.80	3.7	2.987	77.0	2.1	0.5
1562	6/30/2016 09:51:06	15.81	51.22	33.67	6.52	7.81	4.2	2.997	80.8	2.7	0.6
1563	6/30/2016 10:06:06	15.37	51.11	33.58	6.28	7.80	4.0	2.987	77.1	1.9	0.5
1564	6/30/2016 10:21:06	15.39	51.08	33.56	6.32	7.80	3.9	2.956	77.6	2.3	0.5
1565	6/30/2016 10:36:06	15.59	51.07	33.56	6.37	7.80	4.1	2.930	78.5	2.3	0.5
1566	6/30/2016 10:51:06	16.03	51.18	33.65	6.74	7.83	5.7	2.853	83.9	2.1	0.5
Mean		17.17	51.15	33.63	7.22	7.94	7.70	2.57	91.83	3.52	0.83
Minimum		12.61	50.59	33.20	5.97	7.80	2.00	1.07	71.90	0.60	0.10
Maximum		20.04	51.66	34.03	9.14	8.12	264.50	3.75	122.50	44.00	10.40

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

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 #1

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
0	6/30/2016 11:16:40	16.55	50.00	32.79	6.20	7.80	5.6	2.788	77.5	2.4	0.6
1	6/30/2016 11:31:39	16.83	49.91	32.73	6.19	7.80	6.4	2.690	77.8	3.2	0.8
2	6/30/2016 11:46:39	17.09	50.01	32.81	6.35	7.81	6.0	2.616	80.2	3.2	0.8
3	6/30/2016 12:01:39	17.33	50.09	32.87	6.29	7.81	6.4	2.561	79.9	2.7	0.6
4	6/30/2016 12:16:40	17.53	50.27	33.00	6.39	7.82	6.2	2.473	81.5	3.3	0.8
5	6/30/2016 12:31:39	17.81	50.23	32.97	6.56	7.83	6.7	2.396	84.1	2.6	0.6
6	6/30/2016 12:46:40	18.04	50.43	33.12	6.72	7.84	6.1	2.317	86.6	3.0	0.7
7	6/30/2016 13:01:40	18.23	50.28	33.01	6.85	7.86	6.2	2.244	88.6	4.0	0.9
8	6/30/2016 13:16:40	18.37	50.28	33.01	6.86	7.86	5.8	2.185	88.9	3.8	0.9
9	6/30/2016 13:31:39	18.45	50.22	32.97	6.90	7.87	5.6	2.123	89.5	3.3	0.8
10	6/30/2016 13:46:39	18.50	50.23	32.98	6.94	7.87	5.4	2.061	90.2	3.6	0.8
11	6/30/2016 14:01:40	18.53	50.41	33.11	6.95	7.87	5.5	2.030	90.5	3.7	0.9
12	6/30/2016 14:16:39	18.59	50.19	32.95	7.04	7.88	5.4	2.002	91.6	4.4	1.0
13	6/30/2016 14:31:39	18.68	50.26	33.00	6.98	7.88	4.3	1.974	91.0	4.0	1.0
14	6/30/2016 14:46:39	18.72	50.27	33.00	7.18	7.89	5.4	1.991	93.6	4.3	1.0
15	6/30/2016 15:01:39	18.65	50.25	32.99	7.22	7.89	5.3	2.001	94.1	5.2	1.2
16	6/30/2016 15:16:40	18.80	50.31	33.04	7.30	7.90	5.4	2.027	95.4	5.3	1.3
17	6/30/2016 15:31:40	18.86	50.31	33.03	7.26	7.90	5.4	2.068	95.0	5.2	1.2
18	6/30/2016 15:46:39	18.94	50.28	33.01	7.24	7.90	5.8	2.128	94.8	5.5	1.3
19	6/30/2016 16:01:39	18.79	50.17	32.93	7.23	7.89	6.1	2.192	94.4	5.5	1.3
20	6/30/2016 16:16:39	18.72	50.06	32.85	7.19	7.89	5.7	2.257	93.8	5.4	1.3
21	6/30/2016 16:31:39	18.65	50.15	32.92	7.19	7.88	5.9	2.343	93.6	4.7	1.1
22	6/30/2016 16:46:39	18.29	50.04	32.84	7.12	7.87	6.8	2.417	92.0	5.1	1.2
23	6/30/2016 17:01:40	18.08	50.13	32.90	7.07	7.87	6.0	2.500	91.1	4.2	1.0
24	6/30/2016 17:16:40	18.00	49.98	32.79	6.94	7.86	5.6	2.560	89.1	4.9	1.2
25	6/30/2016 17:31:39	17.57	49.74	32.61	6.65	7.84	6.4	2.651	84.7	3.8	0.9
26	6/30/2016 17:46:40	17.05	49.53	32.46	6.36	7.82	6.5	2.737	80.2	3.9	0.9
27	6/30/2016 18:01:40	16.91	49.68	32.56	6.25	7.81	6.5	2.805	78.6	4.0	0.9
28	6/30/2016 18:16:40	16.79	49.76	32.62	6.17	7.81	6.5	2.896	77.4	3.6	0.8
29	6/30/2016 18:31:40	16.32	49.68	32.56	6.07	7.80	8.7	2.981	75.4	3.8	0.9
30	6/30/2016 18:46:40	15.82	49.52	32.43	5.75	7.78	9.3	3.079	70.7	3.3	0.8
31	6/30/2016 19:01:40	15.48	49.60	32.48	5.74	7.78	10.1	3.169	70.1	3.1	0.7
32	6/30/2016 19:16:40	14.92	49.47	32.38	6.15	7.80	11.6	3.262	74.2	3.2	0.8
33	6/30/2016 19:31:40	14.35	49.30	32.24	6.25	7.81	11.4	3.360	74.5	2.9	0.7
34	6/30/2016 19:46:40	13.90	49.39	32.28	6.34	7.82	11.4	3.447	75.0	3.4	0.8
35	6/30/2016 20:01:40	13.42	49.18	32.12	6.58	7.84	12.0	3.536	77.0	3.6	0.9
36	6/30/2016 20:16:40	13.07	49.62	32.43	6.99	7.87	12.5	3.616	81.3	4.6	1.1

sonde #1

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
37	6/30/2016 20:31:40	12.88	49.55	32.36	7.25	7.89	9.2	3.692	84.0	3.8	0.9
38	6/30/2016 20:46:40	12.73	49.29	32.17	7.42	7.91	7.2	3.749	85.6	4.3	1.0
39	6/30/2016 21:01:40	12.66	49.52	32.33	7.50	7.92	5.6	3.795	86.5	5.2	1.2
40	6/30/2016 21:16:40	12.60	49.67	32.44	7.50	7.92	4.1	3.825	86.4	4.3	1.0
41	6/30/2016 21:31:40	13.01	49.54	32.36	7.33	7.91	5.0	3.838	85.1	4.7	1.1
42	6/30/2016 21:46:40	12.57	49.59	32.38	7.50	7.92	4.7	3.826	86.3	3.9	0.9
43	6/30/2016 22:01:40	12.72	49.46	32.29	7.41	7.92	5.1	3.790	85.5	3.8	0.9
44	6/30/2016 22:16:40	12.70	49.64	32.43	7.41	7.92	5.0	3.728	85.5	2.9	0.7
45	6/30/2016 22:31:41	13.17	49.76	32.53	6.96	7.89	7.2	3.655	81.2	3.8	0.9
46	6/30/2016 22:46:40	13.20	49.68	32.47	7.04	7.89	6.8	3.562	82.1	4.5	1.1
47	6/30/2016 23:01:40	14.10	49.75	32.56	6.90	7.88	6.2	3.452	82.1	4.5	1.1
48	6/30/2016 23:16:39	15.03	49.57	32.45	6.29	7.84	8.0	3.353	76.2	3.5	0.8
49	6/30/2016 23:31:39	15.33	49.59	32.47	6.38	7.85	9.9	3.246	77.7	3.8	0.9
50	6/30/2016 23:46:40	15.38	49.80	32.63	6.31	7.85	9.2	3.131	77.1	3.7	0.9
51	7/1/2016 00:01:40	15.53	49.58	32.47	6.16	7.84	9.5	3.010	75.4	3.6	0.8
52	7/1/2016 00:16:40	15.59	49.77	32.61	6.16	7.84	8.4	2.893	75.5	3.5	0.8
53	7/1/2016 00:31:40	16.37	49.96	32.76	6.17	7.84	9.5	2.760	76.9	4.0	0.9
54	7/1/2016 00:46:40	16.58	49.80	32.65	6.23	7.84	9.5	2.646	77.9	4.0	0.9
55	7/1/2016 01:01:40	16.85	49.93	32.75	6.36	7.85	9.8	2.524	79.9	4.3	1.0
56	7/1/2016 01:16:39	17.05	49.97	32.78	6.53	7.86	9.6	2.390	82.5	4.7	1.1
57	7/1/2016 01:31:40	17.45	50.05	32.84	6.57	7.88	9.8	2.243	83.6	5.6	1.3
58	7/1/2016 01:46:40	17.49	50.04	32.83	6.53	7.88	9.1	2.096	83.2	5.3	1.2
59	7/1/2016 02:01:39	17.76	49.97	32.78	6.63	7.88	10.2	1.974	84.9	5.8	1.4
60	7/1/2016 02:16:39	17.94	50.15	32.91	6.60	7.88	9.6	1.834	84.8	5.0	1.2
61	7/1/2016 02:31:39	18.14	50.04	32.84	6.68	7.89	8.6	1.694	86.1	5.3	1.3
62	7/1/2016 02:46:39	18.50	50.21	32.96	6.85	7.90	8.5	1.568	89.0	6.2	1.5
63	7/1/2016 03:01:40	18.50	50.30	33.03	6.78	7.90	7.9	1.457	88.1	5.5	1.3
64	7/1/2016 03:16:39	18.56	50.27	33.01	6.80	7.90	7.3	1.353	88.5	6.2	1.5
65	7/1/2016 03:31:39	18.61	50.12	32.90	6.76	7.90	10.0	1.268	88.0	5.9	1.4
66	7/1/2016 03:46:40	18.86	50.26	33.00	6.84	7.91	8.1	1.230	89.5	6.0	1.4
67	7/1/2016 04:01:39	18.85	50.33	33.05	6.59	7.90	6.7	1.221	86.2	6.6	1.6
68	7/1/2016 04:16:40	18.90	50.31	33.04	6.83	7.91	6.8	1.229	89.4	6.1	1.4
69	7/1/2016 04:31:40	18.76	50.38	33.09	6.82	7.90	5.9	1.283	89.1	5.6	1.3
70	7/1/2016 04:46:40	19.05	50.46	33.15	6.97	7.92	6.0	1.352	91.5	5.7	1.3
71	7/1/2016 05:01:40	19.10	50.47	33.15	7.02	7.93	5.9	1.421	92.3	6.3	1.5
72	7/1/2016 05:16:40	18.98	50.49	33.17	6.98	7.92	6.0	1.493	91.6	5.8	1.4
73	7/1/2016 05:31:40	19.36	50.55	33.21	6.73	7.92	8.4	1.566	89.0	5.4	1.3

sonde #1

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
74	7/1/2016 05:46:39	19.49	50.51	33.19	6.60	7.92	9.0	1.655	87.5	6.0	1.4
75	7/1/2016 06:01:39	19.18	50.24	32.98	6.73	7.92	7.4	1.726	88.6	5.2	1.2
76	7/1/2016 06:16:39	19.08	50.28	33.01	6.72	7.91	7.1	1.810	88.3	5.2	1.2
77	7/1/2016 06:31:40	19.03	50.44	33.13	6.69	7.91	7.9	1.894	87.9	4.8	1.1
78	7/1/2016 06:46:40	18.94	50.29	33.02	6.72	7.91	7.2	1.982	88.0	4.8	1.1
79	7/1/2016 07:01:40	18.40	50.40	33.10	6.58	7.88	6.6	2.062	85.5	4.2	1.0
80	7/1/2016 07:16:40	17.99	50.16	32.93	6.48	7.87	6.7	2.157	83.3	3.9	0.9
81	7/1/2016 07:31:40	17.73	50.22	32.96	6.41	7.86	7.0	2.247	82.1	4.2	1.0
82	7/1/2016 07:46:40	17.56	50.19	32.94	6.38	7.85	7.1	2.339	81.4	3.7	0.9
83	7/1/2016 08:01:40	17.29	50.14	32.90	6.31	7.84	7.0	2.429	80.0	3.7	0.9
84	7/1/2016 08:16:40	17.10	50.12	32.88	6.30	7.84	6.5	2.504	79.7	3.8	0.9
85	7/1/2016 08:31:40	16.88	49.83	32.67	6.26	7.83	7.3	2.608	78.7	3.6	0.8
86	7/1/2016 08:46:40	16.78	50.01	32.81	6.20	7.83	7.5	2.680	77.9	3.6	0.8
87	7/1/2016 09:01:40	16.61	49.94	32.75	6.17	7.82	6.9	2.747	77.2	3.4	0.8
88	7/1/2016 09:16:40	16.33	49.89	32.71	6.14	7.82	7.0	2.828	76.4	3.9	0.9
89	7/1/2016 09:31:40	15.97	49.84	32.66	5.88	7.80	7.7	2.891	72.6	3.7	0.9
90	7/1/2016 09:46:40	15.65	49.79	32.63	5.82	7.79	7.4	2.955	71.4	3.2	0.8
91	7/1/2016 10:01:40	15.31	49.82	32.63	5.92	7.80	6.9	3.007	72.2	3.7	0.9
92	7/1/2016 10:16:40	14.82	49.91	32.69	6.20	7.82	6.6	3.052	74.8	2.8	0.7
93	7/1/2016 10:31:40	14.60	49.75	32.57	6.27	7.83	5.4	3.102	75.4	2.9	0.7
94	7/1/2016 10:46:40	14.54	49.72	32.55	6.27	7.83	6.2	3.121	75.2	2.6	0.6
95	7/1/2016 11:01:40	14.82	49.84	32.64	6.29	7.83	4.8	3.127	75.9	2.7	0.6
96	7/1/2016 11:16:40	14.63	49.86	32.65	6.13	7.82	4.7	3.124	73.7	2.9	0.7
97	7/1/2016 11:31:40	14.68	49.79	32.60	6.16	7.83	4.7	3.091	74.1	2.2	0.5
98	7/1/2016 11:46:40	14.94	49.86	32.66	6.11	7.82	5.3	3.042	74.0	2.5	0.6
99	7/1/2016 12:01:40	15.84	49.94	32.73	6.17	7.83	5.3	2.994	76.1	3.6	0.9
100	7/1/2016 12:16:40	15.94	49.99	32.77	6.23	7.83	6.0	2.906	77.0	3.0	0.7
101	7/1/2016 12:31:40	16.62	49.91	32.73	6.68	7.86	7.0	2.828	83.6	2.6	0.6
102	7/1/2016 12:46:39	16.99	49.93	32.75	6.75	7.87	7.1	2.763	85.1	3.1	0.7
103	7/1/2016 13:01:39	17.25	49.90	32.73	6.87	7.88	7.2	2.681	87.0	3.0	0.7
104	7/1/2016 13:16:40	17.54	49.89	32.73	7.02	7.89	6.7	2.584	89.4	3.1	0.7
105	7/1/2016 13:31:40	17.85	50.18	32.94	7.05	7.89	7.0	2.502	90.4	3.1	0.7
106	7/1/2016 13:46:40	18.10	50.18	32.94	7.27	7.91	7.0	2.444	93.7	3.8	0.9
107	7/1/2016 14:01:39	18.23	50.10	32.88	7.25	7.91	6.7	2.366	93.7	3.4	0.8
108	7/1/2016 14:16:39	18.40	50.03	32.83	7.36	7.92	6.4	2.292	95.3	3.9	0.9
109	7/1/2016 14:31:40	18.59	50.25	32.99	7.40	7.93	6.2	2.225	96.3	4.0	1.0
110	7/1/2016 14:46:39	18.72	50.17	32.93	7.50	7.93	5.9	2.170	97.8	4.1	1.0

sonde #1

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	7/1/2016 15:01:39	18.83	50.21	32.96	7.56	7.94	6.4	2.133	98.9	3.9	0.9
112	7/1/2016 15:16:40	18.95	50.35	33.07	7.55	7.94	5.2	2.086	99.0	4.6	1.1
113	7/1/2016 15:31:40	19.11	50.31	33.04	7.84	7.96	5.7	2.062	103.1	5.2	1.2
114	7/1/2016 15:46:39	19.19	50.22	32.97	8.19	7.98	5.5	2.077	107.7	5.2	1.2
115	7/1/2016 16:01:39	19.11	50.31	33.04	8.05	7.97	5.6	2.074	105.9	4.8	1.1
116	7/1/2016 16:16:40	19.14	50.36	33.08	8.02	7.97	5.7	2.105	105.5	5.4	1.3
117	7/1/2016 16:31:39	19.16	50.26	33.00	7.90	7.96	6.2	2.159	103.8	5.2	1.2
118	7/1/2016 16:46:40	19.25	50.35	33.07	7.84	7.95	6.8	2.213	103.3	6.5	1.5
119	7/1/2016 17:01:40	18.99	50.28	33.02	7.72	7.94	6.1	2.277	101.2	6.2	1.5
120	7/1/2016 17:16:40	19.14	50.26	33.00	7.77	7.94	8.6	2.356	102.2	5.7	1.3
121	7/1/2016 17:31:40	18.63	50.22	32.97	7.72	7.93	7.9	2.434	100.5	4.4	1.0
122	7/1/2016 17:46:40	18.38	50.16	32.92	7.57	7.92	7.2	2.513	98.1	4.7	1.1
123	7/1/2016 18:01:40	18.15	50.11	32.89	7.34	7.90	6.5	2.591	94.7	5.0	1.2
124	7/1/2016 18:16:40	17.70	50.10	32.88	6.99	7.87	7.0	2.677	89.4	4.0	1.0
125	7/1/2016 18:31:40	17.11	50.05	32.84	6.54	7.84	6.8	2.758	82.6	3.9	0.9
126	7/1/2016 18:46:40	16.90	50.09	32.86	6.56	7.84	6.7	2.837	82.5	4.0	0.9
127	7/1/2016 19:01:40	16.76	50.10	32.86	6.45	7.83	7.3	2.930	81.0	3.8	0.9
128	7/1/2016 19:16:40	16.28	49.87	32.69	6.15	7.81	8.9	3.029	76.5	3.8	0.9
129	7/1/2016 19:31:40	15.51	49.96	32.74	6.21	7.81	10.7	3.120	76.1	3.2	0.8
130	7/1/2016 19:46:40	14.94	49.73	32.56	6.40	7.83	11.2	3.217	77.4	3.5	0.8
131	7/1/2016 20:01:40	14.33	49.93	32.70	6.70	7.85	12.9	3.320	80.1	3.5	0.8
132	7/1/2016 20:16:41	13.71	49.85	32.62	6.81	7.86	11.5	3.426	80.4	4.3	1.0
133	7/1/2016 20:31:40	13.22	49.90	32.63	6.88	7.86	10.6	3.521	80.4	4.7	1.1
134	7/1/2016 20:46:40	12.87	49.77	32.53	6.99	7.87	10.1	3.612	81.0	4.4	1.0
135	7/1/2016 21:01:40	12.51	49.85	32.57	7.30	7.90	7.5	3.709	84.0	4.4	1.0
136	7/1/2016 21:16:40	12.35	49.82	32.54	7.51	7.92	7.1	3.782	86.1	6.1	1.4
137	7/1/2016 21:31:40	12.22	49.88	32.58	7.54	7.93	5.6	3.842	86.2	4.5	1.1
138	7/1/2016 21:46:40	12.13	49.87	32.57	7.60	7.93	5.1	3.901	86.8	4.9	1.2
139	7/1/2016 22:01:40	11.96	49.85	32.55	7.59	7.93	4.7	3.941	86.3	4.7	1.1
140	7/1/2016 22:16:40	11.90	49.90	32.58	7.46	7.93	2.9	3.954	84.7	5.5	1.3
141	7/1/2016 22:31:40	12.27	49.85	32.56	7.39	7.92	4.7	3.945	84.7	3.9	0.9
142	7/1/2016 22:46:40	12.69	49.85	32.58	7.21	7.91	5.4	3.914	83.3	3.5	0.8
143	7/1/2016 23:01:40	12.27	49.87	32.57	7.33	7.92	4.2	3.862	83.9	3.5	0.8
144	7/1/2016 23:16:40	13.01	49.90	32.63	7.05	7.89	6.3	3.779	82.0	4.8	1.1
145	7/1/2016 23:31:40	13.20	49.83	32.58	7.23	7.90	6.7	3.671	84.4	5.2	1.2
146	7/1/2016 23:46:40	13.66	49.79	32.57	7.19	7.90	5.8	3.565	84.7	4.1	1.0
147	7/2/2016 00:01:40	14.40	49.73	32.55	6.67	7.86	7.6	3.451	79.8	4.0	0.9

sonde #1

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
148	7/2/2016 00:16:40	14.68	49.80	32.61	6.65	7.87	9.7	3.333	80.1	3.9	0.9
149	7/2/2016 00:31:40	14.78	49.97	32.73	6.63	7.87	9.8	3.195	80.0	3.8	0.9
150	7/2/2016 00:46:40	15.18	49.78	32.60	6.36	7.84	10.6	3.080	77.3	4.1	1.0
151	7/2/2016 01:01:40	15.58	49.74	32.59	6.19	7.83	11.9	2.953	75.8	4.0	0.9
152	7/2/2016 01:16:40	15.58	49.95	32.74	6.32	7.84	8.0	2.818	77.5	3.8	0.9
153	7/2/2016 01:31:40	16.42	50.04	32.82	6.44	7.85	8.4	2.684	80.3	4.5	1.1
154	7/2/2016 01:46:40	16.75	50.07	32.85	6.59	7.86	9.0	2.549	82.7	4.1	1.0
155	7/2/2016 02:01:40	16.21	49.93	32.74	6.75	7.86	9.0	2.398	83.8	4.3	1.0
156	7/2/2016 02:16:40	16.77	50.07	32.85	6.67	7.86	10.0	2.243	83.8	5.1	1.2
157	7/2/2016 02:31:40	17.73	50.14	32.91	6.91	7.89	10.3	2.093	88.4	4.7	1.1
158	7/2/2016 02:46:40	17.86	50.23	32.97	6.93	7.90	10.2	1.955	88.9	5.8	1.4
159	7/2/2016 03:01:40	18.24	50.30	33.03	7.01	7.90	10.0	1.801	90.6	5.5	1.3
160	7/2/2016 03:16:39	18.49	50.27	33.00	7.07	7.91	9.4	1.635	91.8	5.4	1.3
161	7/2/2016 03:31:39	18.61	50.24	32.98	7.08	7.91	8.8	1.503	92.2	5.5	1.3
162	7/2/2016 03:46:39	18.67	50.27	33.01	7.01	7.90	9.0	1.372	91.4	5.3	1.2
163	7/2/2016 04:01:39	18.65	50.37	33.08	6.97	7.90	8.1	1.248	90.8	4.9	1.2
164	7/2/2016 04:16:40	18.56	50.33	33.05	6.84	7.88	9.2	1.136	89.0	5.5	1.3
165	7/2/2016 04:31:40	18.79	50.35	33.07	6.83	7.89	8.8	1.066	89.3	5.9	1.4
166	7/2/2016 04:46:40	18.85	50.44	33.13	6.81	7.89	7.4	1.027	89.1	5.4	1.3
167	7/2/2016 05:01:39	18.73	50.41	33.11	6.78	7.88	7.0	1.042	88.5	5.4	1.3
168	7/2/2016 05:16:40	19.14	50.49	33.17	6.86	7.90	6.3	1.117	90.3	5.9	1.4
169	7/2/2016 05:31:40	19.21	50.48	33.16	7.02	7.91	6.2	1.175	92.5	5.0	1.2
170	7/2/2016 05:46:39	19.51	50.54	33.21	7.21	7.93	6.4	1.270	95.6	5.4	1.3
171	7/2/2016 06:01:39	19.35	50.39	33.10	7.19	7.93	6.4	1.347	94.9	4.8	1.1
172	7/2/2016 06:16:39	19.58	50.38	33.09	6.93	7.92	8.2	1.430	92.0	4.9	1.2
173	7/2/2016 06:31:39	19.75	50.46	33.15	6.78	7.92	8.8	1.507	90.3	4.9	1.1
174	7/2/2016 06:46:39	19.46	50.49	33.17	6.89	7.91	8.0	1.576	91.3	5.0	1.2
175	7/2/2016 07:01:39	19.26	50.32	33.04	6.94	7.91	7.6	1.670	91.6	4.2	1.0
176	7/2/2016 07:16:39	19.15	50.38	33.09	6.93	7.91	7.3	1.745	91.2	4.5	1.1
177	7/2/2016 07:31:40	19.11	50.53	33.20	6.95	7.91	7.0	1.831	91.4	4.6	1.1
178	7/2/2016 07:46:40	19.09	50.47	33.15	6.94	7.91	7.1	1.929	91.2	4.5	1.1
179	7/2/2016 08:01:39	18.39	50.33	33.05	6.79	7.88	7.0	2.023	88.0	3.8	0.9
180	7/2/2016 08:16:40	18.08	50.21	32.96	6.73	7.87	7.3	2.125	86.7	3.8	0.9
181	7/2/2016 08:31:40	17.91	50.35	33.06	6.68	7.86	7.6	2.233	85.9	4.0	0.9
182	7/2/2016 08:46:40	17.75	50.21	32.96	6.64	7.86	7.6	2.335	85.0	3.6	0.8
183	7/2/2016 09:01:40	17.59	50.15	32.91	6.61	7.85	7.8	2.430	84.4	3.9	0.9
184	7/2/2016 09:16:40	17.36	50.06	32.85	6.55	7.85	7.9	2.545	83.2	3.4	0.8

sonde #1

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	7/2/2016 09:31:40	17.15	50.13	32.90	6.49	7.84	8.6	2.638	82.1	4.0	0.9
186	7/2/2016 09:46:40	16.83	50.15	32.90	6.39	7.83	9.3	2.716	80.4	3.6	0.9
187	7/2/2016 10:01:40	16.36	50.00	32.79	6.23	7.82	9.8	2.807	77.6	3.3	0.8
188	7/2/2016 10:16:40	15.94	49.89	32.70	6.05	7.80	10.4	2.897	74.7	3.6	0.9
189	7/2/2016 10:31:40	15.26	49.94	32.72	6.20	7.81	10.4	2.968	75.6	3.5	0.8
190	7/2/2016 10:46:40	14.82	49.90	32.68	6.38	7.83	11.3	3.033	77.0	3.1	0.7
191	7/2/2016 11:01:40	14.52	49.72	32.55	6.53	7.84	9.0	3.106	78.3	3.0	0.7
192	7/2/2016 11:16:40	14.27	49.93	32.69	6.62	7.85	8.3	3.162	79.1	3.9	0.9
193	7/2/2016 11:31:40	14.15	49.87	32.64	6.66	7.86	6.7	3.205	79.3	3.8	0.9
194	7/2/2016 11:46:40	14.10	49.81	32.60	6.59	7.85	5.1	3.235	78.4	3.1	0.7
195	7/2/2016 12:01:40	14.47	49.98	32.73	6.60	7.86	5.1	3.243	79.1	2.6	0.6
196	7/2/2016 12:16:40	14.13	49.72	32.53	6.47	7.85	4.8	3.240	77.0	2.7	0.6
197	7/2/2016 12:31:40	14.30	49.75	32.56	6.51	7.85	5.7	3.199	77.7	3.2	0.8
198	7/2/2016 12:46:40	14.38	49.95	32.71	6.51	7.85	6.4	3.135	78.0	3.1	0.7
199	7/2/2016 13:01:40	14.96	49.94	32.72	6.56	7.86	7.6	3.074	79.5	2.7	0.6
200	7/2/2016 13:16:40	15.96	49.87	32.68	6.93	7.88	7.9	2.997	85.6	3.0	0.7
201	7/2/2016 13:31:40	16.21	49.87	32.69	7.06	7.89	8.0	2.914	87.6	2.9	0.7
202	7/2/2016 13:46:40	16.67	49.88	32.71	7.07	7.89	8.6	2.814	88.5	2.9	0.7
203	7/2/2016 14:01:40	17.29	50.17	32.92	7.24	7.90	8.7	2.732	91.9	2.9	0.7
204	7/2/2016 14:16:40	17.44	50.00	32.80	7.72	7.94	7.7	2.662	98.2	3.0	0.7
205	7/2/2016 14:31:40	17.96	50.17	32.93	7.83	7.95	7.8	2.574	100.6	3.4	0.8
206	7/2/2016 14:46:39	18.24	50.05	32.85	8.20	7.97	7.7	2.492	105.9	4.4	1.0
207	7/2/2016 15:01:40	18.33	50.17	32.93	8.24	7.97	7.0	2.428	106.7	3.2	0.8
208	7/2/2016 15:16:39	18.43	50.23	32.98	8.15	7.97	7.3	2.353	105.8	3.7	0.9
209	7/2/2016 15:31:40	18.63	50.26	33.00	8.23	7.98	6.6	2.275	107.2	3.8	0.9
210	7/2/2016 15:46:40	18.58	50.16	32.92	9.06	8.04	6.8	2.220	117.8	3.6	0.9
211	7/2/2016 16:01:40	19.17	50.39	33.10	8.01	7.97	6.2	2.182	105.4	4.5	1.1
212	7/2/2016 16:16:39	19.21	50.33	33.05	8.01	7.97	5.6	2.137	105.5	4.2	1.0
213	7/2/2016 16:31:39	19.21	50.24	32.99	8.74	8.03	5.9	2.112	115.1	4.4	1.0
214	7/2/2016 16:46:39	19.11	50.17	32.93	9.09	8.04	6.6	2.114	119.4	4.7	1.1
215	7/2/2016 17:01:39	19.30	50.29	33.02	8.55	8.00	6.4	2.131	112.7	5.0	1.2
216	7/2/2016 17:16:40	19.30	50.45	33.14	8.27	7.98	5.4	2.151	109.2	5.1	1.2
217	7/2/2016 17:31:39	19.38	50.32	33.04	7.96	7.96	5.7	2.200	105.2	5.1	1.2
218	7/2/2016 17:46:40	19.33	50.44	33.13	7.85	7.95	6.5	2.269	103.6	5.2	1.2
219	7/2/2016 18:01:40	19.36	50.28	33.01	7.88	7.95	8.0	2.333	104.1	5.3	1.3
220	7/2/2016 18:16:40	19.12	50.33	33.05	7.77	7.94	9.8	2.407	102.2	5.1	1.2
221	7/2/2016 18:31:40	18.70	50.30	33.03	7.70	7.93	8.1	2.497	100.4	4.5	1.1

sonde #1

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
222	7/2/2016 18:46:40	18.42	50.08	32.87	7.59	7.92	7.6	2.583	98.4	4.4	1.0
223	7/2/2016 19:01:40	17.84	50.15	32.92	7.17	7.89	7.8	2.660	91.9	3.7	0.9
224	7/2/2016 19:16:40	16.98	50.12	32.89	6.44	7.83	7.8	2.745	81.3	3.3	0.8
225	7/2/2016 19:31:40	16.71	50.06	32.84	6.41	7.83	7.0	2.830	80.4	4.0	0.9
226	7/2/2016 19:46:40	16.44	50.05	32.83	6.41	7.83	7.4	2.922	80.0	3.8	0.9
227	7/2/2016 20:01:40	16.14	49.87	32.69	6.41	7.83	8.9	3.015	79.5	4.0	0.9
228	7/2/2016 20:16:40	15.50	49.94	32.73	6.40	7.83	8.8	3.110	78.3	4.0	0.9
229	7/2/2016 20:31:40	14.70	49.93	32.71	6.48	7.84	9.7	3.211	78.1	3.4	0.8
230	7/2/2016 20:46:40	13.72	49.93	32.68	6.75	7.86	11.8	3.317	79.7	3.8	0.9
231	7/2/2016 21:01:41	13.05	50.02	32.71	6.76	7.86	10.8	3.414	78.7	4.5	1.1
232	7/2/2016 21:16:41	12.66	49.93	32.64	6.76	7.86	9.2	3.523	78.1	4.9	1.2
233	7/2/2016 21:31:40	12.16	49.83	32.54	7.03	7.88	8.3	3.624	80.3	4.5	1.1
234	7/2/2016 21:46:40	11.85	49.87	32.55	7.39	7.91	7.1	3.714	83.8	4.4	1.0
235	7/2/2016 22:01:40	11.77	49.84	32.53	7.56	7.93	5.9	3.804	85.6	4.1	1.0
236	7/2/2016 22:16:40	11.72	49.98	32.63	7.65	7.94	5.0	3.878	86.7	4.5	1.1
237	7/2/2016 22:31:40	11.72	49.88	32.56	7.76	7.95	4.7	3.933	87.8	5.1	1.2
238	7/2/2016 22:46:40	11.66	49.96	32.61	7.81	7.95	3.9	3.981	88.3	4.7	1.1
239	7/2/2016 23:01:40	11.64	49.98	32.62	7.74	7.95	3.2	4.009	87.5	4.9	1.2
240	7/2/2016 23:16:41	11.81	49.94	32.60	7.62	7.94	3.6	4.014	86.5	4.9	1.1
241	7/2/2016 23:31:40	11.71	49.96	32.61	7.60	7.95	3.5	3.986	86.1	3.2	0.8
242	7/2/2016 23:46:40	11.84	49.92	32.59	7.59	7.95	3.9	3.940	86.1	3.6	0.8
243	7/3/2016 00:01:41	11.98	50.05	32.69	7.48	7.93	4.2	3.865	85.2	4.4	1.0
244	7/3/2016 00:16:40	12.03	49.85	32.55	7.27	7.92	6.1	3.766	82.8	4.2	1.0
245	7/3/2016 00:31:40	12.50	49.90	32.61	7.08	7.90	5.6	3.657	81.5	4.8	1.1
246	7/3/2016 00:46:40	13.50	49.92	32.66	6.78	7.88	6.5	3.537	79.7	4.0	0.9
247	7/3/2016 01:01:40	13.92	49.99	32.73	6.59	7.87	8.7	3.414	78.2	4.5	1.1
248	7/3/2016 01:16:40	14.00	49.93	32.68	6.63	7.87	9.3	3.288	78.8	4.3	1.0
249	7/3/2016 01:31:40	14.32	49.95	32.71	6.53	7.86	9.1	3.157	78.1	3.2	0.8
250	7/3/2016 01:46:40	14.68	49.77	32.59	6.41	7.85	8.7	3.015	77.2	3.3	0.8
251	7/3/2016 02:01:40	15.47	49.79	32.62	6.36	7.84	8.4	2.881	77.7	3.2	0.8
252	7/3/2016 02:16:40	14.88	49.76	32.58	6.53	7.85	7.7	2.750	78.9	3.9	0.9
253	7/3/2016 02:31:40	16.05	50.03	32.81	6.60	7.86	9.4	2.601	81.7	3.8	0.9
254	7/3/2016 02:46:40	16.40	50.05	32.82	6.68	7.86	11.4	2.434	83.2	4.0	0.9
255	7/3/2016 03:01:40	16.76	50.14	32.90	6.54	7.87	10.1	2.292	82.2	4.1	1.0
256	7/3/2016 03:16:40	16.94	50.30	33.01	6.64	7.86	10.9	2.131	83.7	3.7	0.9
257	7/3/2016 03:31:40	17.47	50.18	32.94	6.70	7.87	10.8	1.975	85.3	4.3	1.0
258	7/3/2016 03:46:40	17.88	50.30	33.02	6.70	7.88	10.8	1.807	86.1	4.1	1.0

sonde #1

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	7/3/2016 04:01:40	18.02	50.33	33.05	6.66	7.87	10.8	1.642	85.8	4.3	1.0
260	7/3/2016 04:16:40	18.29	50.40	33.10	6.72	7.88	10.4	1.487	87.1	4.4	1.0
261	7/3/2016 04:31:40	18.17	50.37	33.08	6.63	7.86	10.1	1.330	85.7	4.0	1.0
262	7/3/2016 04:46:39	18.17	50.28	33.01	6.58	7.86	9.4	1.186	85.0	3.8	0.9
263	7/3/2016 05:01:39	18.27	50.21	32.96	6.57	7.86	8.4	1.060	85.0	3.6	0.8
264	7/3/2016 05:16:39	18.29	50.15	32.91	6.53	7.86	7.0	0.954	84.4	4.2	1.0
265	7/3/2016 05:31:40	18.11	50.31	33.04	6.22	7.84	7.7	0.909	80.3	3.6	0.9
266	7/3/2016 05:46:40	18.43	50.28	33.01	6.57	7.86	7.3	0.936	85.3	3.9	0.9
267	7/3/2016 06:01:40	18.53	50.33	33.05	6.55	7.86	7.5	0.971	85.2	3.8	0.9
268	7/3/2016 06:16:40	18.84	50.39	33.09	6.65	7.88	7.8	1.069	87.0	3.6	0.8
269	7/3/2016 06:31:40	19.20	50.53	33.19	6.79	7.90	7.3	1.171	89.5	4.0	0.9
270	7/3/2016 06:46:39	19.17	50.50	33.17	6.82	7.90	7.1	1.252	89.8	3.0	0.7
271	7/3/2016 07:01:40	19.05	50.46	33.15	6.82	7.89	7.3	1.322	89.6	3.6	0.8
272	7/3/2016 07:16:40	19.26	50.39	33.10	6.59	7.89	8.7	1.411	86.9	3.7	0.9
273	7/3/2016 07:31:40	19.28	50.42	33.11	6.53	7.88	9.0	1.484	86.1	3.3	0.8
274	7/3/2016 07:46:40	19.14	50.46	33.14	6.57	7.88	9.0	1.562	86.5	3.3	0.8
275	7/3/2016 08:01:40	18.90	50.45	33.14	6.62	7.88	8.2	1.642	86.8	3.6	0.9
276	7/3/2016 08:16:40	18.82	50.45	33.14	6.59	7.88	8.5	1.751	86.2	2.9	0.7
277	7/3/2016 08:31:40	18.80	50.43	33.12	6.66	7.88	8.0	1.854	87.1	3.4	0.8
278	7/3/2016 08:46:40	18.32	50.35	33.06	6.57	7.86	8.2	1.952	85.1	3.6	0.8
279	7/3/2016 09:01:40	17.86	50.17	32.93	6.45	7.85	8.6	2.066	82.8	2.8	0.7
280	7/3/2016 09:16:40	17.70	50.14	32.91	6.42	7.84	8.6	2.192	82.2	2.8	0.7
281	7/3/2016 09:31:40	17.63	50.19	32.94	6.30	7.83	9.4	2.309	80.6	2.9	0.7
282	7/3/2016 09:46:40	17.41	50.20	32.95	6.18	7.82	9.7	2.408	78.7	3.2	0.7
283	7/3/2016 10:01:41	17.23	50.17	32.93	6.10	7.81	9.8	2.523	77.3	3.4	0.8
284	7/3/2016 10:16:40	16.99	50.12	32.88	5.83	7.79	10.8	2.632	73.5	3.2	0.8
285	7/3/2016 10:31:40	16.62	49.98	32.78	5.56	7.77	11.1	2.720	69.7	3.3	0.8
286	7/3/2016 10:46:40	16.01	49.95	32.75	5.81	7.79	11.7	2.813	71.9	3.4	0.8
287	7/3/2016 11:01:40	15.48	49.91	32.71	5.99	7.80	10.6	2.906	73.3	3.7	0.9
288	7/3/2016 11:16:40	14.71	49.99	32.75	6.30	7.82	11.2	2.991	76.0	3.6	0.9
289	7/3/2016 11:31:40	14.25	49.87	32.65	6.46	7.84	11.1	3.070	77.1	3.7	0.9
290	7/3/2016 11:46:40	14.00	49.84	32.62	6.54	7.84	10.7	3.137	77.6	3.5	0.8
291	7/3/2016 12:01:40	13.65	49.97	32.70	6.66	7.86	9.1	3.217	78.6	3.3	0.8
292	7/3/2016 12:16:41	13.36	49.79	32.56	6.69	7.86	8.1	3.277	78.3	3.3	0.8
293	7/3/2016 12:31:40	13.21	49.68	32.48	6.63	7.86	7.2	3.309	77.4	3.8	0.9
294	7/3/2016 12:46:40	13.12	49.85	32.60	6.52	7.85	4.8	3.339	76.0	3.3	0.8
295	7/3/2016 13:01:40	13.36	49.97	32.69	6.51	7.85	5.5	3.350	76.3	2.8	0.7

sonde #1

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	7/3/2016 13:16:41	13.18	49.84	32.59	6.08	7.83	5.6	3.327	70.9	2.5	0.6
297	7/3/2016 13:31:40	13.28	49.86	32.61	6.33	7.84	6.2	3.273	74.0	1.8	0.4
298	7/3/2016 13:46:40	13.66	49.94	32.68	6.42	7.85	7.0	3.209	75.7	2.0	0.5
299	7/3/2016 14:01:40	14.68	49.81	32.61	6.78	7.87	7.3	3.146	81.6	2.6	0.6
300	7/3/2016 14:16:40	15.08	49.82	32.63	7.30	7.91	6.5	3.055	88.5	2.6	0.6
301	7/3/2016 14:31:40	15.73	49.89	32.70	7.01	7.89	8.4	2.947	86.2	2.7	0.6
302	7/3/2016 14:46:40	16.49	49.99	32.78	6.97	7.88	9.3	2.867	87.0	3.3	0.8
303	7/3/2016 15:01:40	17.00	50.06	32.84	6.98	7.88	8.1	2.779	88.1	2.8	0.7
304	7/3/2016 15:16:40	17.50	50.20	32.95	7.20	7.90	8.6	2.694	91.8	3.0	0.7
305	7/3/2016 15:31:40	17.88	50.15	32.91	7.17	7.89	8.6	2.599	92.0	3.1	0.7
306	7/3/2016 15:46:39	18.14	50.15	32.91	7.27	7.90	8.7	2.525	93.7	2.9	0.7
307	7/3/2016 16:01:39	18.17	50.20	32.95	7.26	7.90	7.6	2.450	93.7	3.2	0.8
308	7/3/2016 16:16:40	18.40	50.30	33.03	7.44	7.91	8.3	2.359	96.5	3.0	0.7
309	7/3/2016 16:31:40	18.53	50.09	32.87	7.70	7.93	7.6	2.308	100.0	3.4	0.8
310	7/3/2016 16:46:40	18.55	50.27	33.01	8.11	7.96	6.2	2.238	105.4	3.0	0.7
311	7/3/2016 17:01:40	18.67	50.19	32.95	9.02	8.03	5.9	2.183	117.5	3.5	0.8
312	7/3/2016 17:16:40	19.12	50.21	32.97	8.49	7.99	5.8	2.152	111.5	3.3	0.8
313	7/3/2016 17:31:39	19.28	50.25	32.99	8.64	8.01	5.3	2.125	113.9	4.1	1.0
314	7/3/2016 17:46:39	18.94	50.13	32.91	9.23	8.03	5.4	2.136	120.9	4.1	1.0
315	7/3/2016 18:01:40	19.20	50.19	32.95	8.52	7.99	5.6	2.150	112.1	4.2	1.0
316	7/3/2016 18:16:39	19.12	50.23	32.98	8.03	7.95	5.7	2.191	105.6	3.6	0.9
317	7/3/2016 18:31:40	19.27	50.38	33.09	7.69	7.93	6.8	2.256	101.4	4.0	0.9
318	7/3/2016 18:46:39	18.97	50.10	32.88	7.56	7.92	7.2	2.321	99.0	3.3	0.8
319	7/3/2016 19:01:40	19.26	50.32	33.05	7.45	7.91	10.1	2.406	98.2	4.5	1.1
320	7/3/2016 19:16:39	18.62	50.19	32.95	6.93	7.87	7.8	2.488	90.3	3.7	0.9
321	7/3/2016 19:31:40	18.26	50.09	32.87	6.77	7.86	9.2	2.586	87.5	3.4	0.8
322	7/3/2016 19:46:40	17.51	50.14	32.90	6.74	7.85	8.3	2.668	85.9	3.6	0.8
323	7/3/2016 20:01:40	16.71	49.99	32.79	6.48	7.83	7.6	2.746	81.2	3.5	0.8
324	7/3/2016 20:16:40	16.34	50.00	32.79	6.32	7.82	7.4	2.845	78.7	3.3	0.8
325	7/3/2016 20:31:40	16.14	49.99	32.78	6.21	7.82	7.8	2.929	77.0	3.3	0.8
326	7/3/2016 20:46:40	15.69	50.00	32.78	6.33	7.83	8.4	3.022	77.8	3.4	0.8
327	7/3/2016 21:01:40	14.98	49.84	32.64	6.40	7.83	8.7	3.115	77.6	3.6	0.9
328	7/3/2016 21:16:40	14.43	49.99	32.74	6.35	7.83	9.1	3.216	76.2	3.9	0.9
329	7/3/2016 21:31:41	13.28	50.02	32.73	6.52	7.85	9.6	3.329	76.4	3.4	0.8
330	7/3/2016 21:46:41	12.71	50.05	32.72	6.54	7.85	8.1	3.429	75.6	4.1	1.0
331	7/3/2016 22:01:41	12.18	50.00	32.66	6.70	7.86	7.3	3.534	76.6	3.9	0.9
332	7/3/2016 22:16:40	11.82	49.92	32.59	6.98	7.88	6.2	3.635	79.1	4.1	1.0

sonde #1

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	7/3/2016 22:31:40	11.71	50.01	32.65	7.24	7.90	5.7	3.730	82.0	3.6	0.8
334	7/3/2016 22:46:40	11.63	49.82	32.51	7.44	7.92	4.8	3.820	84.0	3.6	0.8
335	7/3/2016 23:01:40	11.59	49.98	32.62	7.62	7.94	4.5	3.892	86.0	3.6	0.8
336	7/3/2016 23:16:40	11.54	49.93	32.58	7.69	7.95	3.9	3.961	86.7	3.9	0.9
337	7/3/2016 23:31:40	11.26	49.95	32.58	7.61	7.94	3.7	4.007	85.3	4.1	1.0
338	7/3/2016 23:46:40	11.16	50.00	32.61	7.41	7.93	3.2	4.040	82.9	3.0	0.7
339	7/4/2016 00:01:40	11.12	49.94	32.56	7.23	7.92	2.5	4.044	80.8	2.9	0.7
340	7/4/2016 00:16:40	11.22	49.97	32.59	7.22	7.92	3.1	4.028	80.9	2.6	0.6
341	7/4/2016 00:31:40	12.42	49.88	32.59	6.99	7.90	4.0	3.992	80.3	3.4	0.8
342	7/4/2016 00:46:40	11.62	50.00	32.64	7.36	7.93	3.6	3.927	83.1	2.6	0.6
343	7/4/2016 01:01:40	12.11	49.93	32.61	6.81	7.88	5.8	3.827	77.7	3.3	0.8
344	7/4/2016 01:16:40	11.72	49.84	32.53	7.27	7.91	5.7	3.718	82.2	4.5	1.1
345	7/4/2016 01:31:40	12.21	49.99	32.66	7.05	7.89	6.1	3.608	80.7	3.4	0.8
346	7/4/2016 01:46:40	13.22	49.85	32.59	6.66	7.87	7.2	3.491	77.8	3.0	0.7
347	7/4/2016 02:01:40	13.19	50.02	32.72	6.68	7.87	7.0	3.351	78.0	3.1	0.7
348	7/4/2016 02:16:40	13.45	50.00	32.72	6.59	7.86	7.0	3.208	77.4	2.6	0.6
349	7/4/2016 02:31:40	13.78	49.79	32.57	6.44	7.85	7.3	3.078	76.1	3.0	0.7
350	7/4/2016 02:46:40	14.55	49.99	32.74	6.34	7.84	7.7	2.952	76.1	3.4	0.8
351	7/4/2016 03:01:40	15.10	49.89	32.68	6.34	7.84	8.4	2.792	77.0	2.6	0.6
352	7/4/2016 03:16:39	15.48	50.04	32.80	6.34	7.85	8.3	2.638	77.6	2.7	0.6
353	7/4/2016 03:31:40	15.27	50.10	32.84	6.46	7.85	7.5	2.501	78.8	2.8	0.7
354	7/4/2016 03:46:40	16.24	50.22	32.94	6.55	7.86	11.5	2.333	81.5	2.9	0.7
355	7/4/2016 04:01:40	16.63	50.00	32.79	6.61	7.86	10.3	2.181	82.7	3.4	0.8
356	7/4/2016 04:16:39	17.05	50.21	32.95	6.56	7.86	11.5	2.004	82.9	3.5	0.8
357	7/4/2016 04:31:39	17.64	50.09	32.87	6.66	7.87	12.4	1.842	85.1	3.8	0.9
358	7/4/2016 04:46:40	17.86	50.26	32.99	6.67	7.87	11.1	1.680	85.7	3.8	0.9
359	7/4/2016 05:01:39	17.96	50.32	33.04	6.57	7.86	11.5	1.514	84.6	3.2	0.8
360	7/4/2016 05:16:40	17.73	50.29	33.02	6.46	7.84	10.3	1.340	82.7	3.2	0.8
361	7/4/2016 05:31:39	17.82	50.23	32.97	6.42	7.84	10.5	1.206	82.3	2.6	0.6
362	7/4/2016 05:46:39	17.95	50.15	32.91	6.42	7.84	9.9	1.062	82.5	2.6	0.6
363	7/4/2016 06:01:39	17.95	50.23	32.97	6.36	7.84	9.6	0.929	81.8	2.8	0.7
364	7/4/2016 06:16:40	17.90	50.43	33.12	6.24	7.83	8.4	0.876	80.2	3.1	0.7
365	7/4/2016 06:31:40	18.00	50.27	33.00	6.31	7.83	7.2	0.862	81.3	2.8	0.7
366	7/4/2016 06:46:39	19.01	50.35	33.07	6.63	7.87	7.3	0.891	87.0	2.6	0.6
367	7/4/2016 07:01:39	18.80	50.32	33.05	6.71	7.87	7.0	0.995	87.7	2.8	0.7
368	7/4/2016 07:16:39	19.07	50.37	33.08	6.86	7.89	7.2	1.111	90.2	3.1	0.7
369	7/4/2016 07:31:39	19.03	50.18	32.94	6.92	7.89	6.7	1.205	90.8	3.0	0.7

sonde #1

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
370	7/4/2016 07:46:40	18.92	50.32	33.05	6.89	7.88	6.9	1.298	90.2	2.7	0.6
371	7/4/2016 08:01:40	19.13	50.32	33.05	6.60	7.87	9.1	1.377	86.9	3.5	0.8
372	7/4/2016 08:16:39	19.19	50.28	33.02	6.49	7.87	10.1	1.450	85.4	3.4	0.8
373	7/4/2016 08:31:39	19.15	50.13	32.90	6.43	7.86	10.8	1.542	84.5	3.7	0.9
374	7/4/2016 08:46:40	18.80	50.14	32.91	6.58	7.87	8.6	1.629	85.9	2.6	0.6
375	7/4/2016 09:01:40	18.73	50.37	33.08	6.55	7.86	8.4	1.734	85.5	2.8	0.7
376	7/4/2016 09:16:40	18.67	50.36	33.07	6.51	7.86	8.4	1.837	84.9	2.7	0.6
377	7/4/2016 09:31:40	17.95	50.30	33.03	6.31	7.84	8.1	1.938	81.2	2.5	0.6
378	7/4/2016 09:46:40	17.66	50.09	32.87	6.25	7.83	8.4	2.063	79.9	2.5	0.6
379	7/4/2016 10:01:40	17.53	50.15	32.91	6.13	7.82	8.7	2.180	78.1	2.6	0.6
380	7/4/2016 10:16:40	17.36	50.09	32.87	5.52	7.77	10.3	2.306	70.2	3.0	0.7
381	7/4/2016 10:31:39	17.05	50.09	32.86	5.41	7.76	10.2	2.414	68.3	2.4	0.6
382	7/4/2016 10:46:40	16.84	50.05	32.83	5.79	7.79	10.3	2.522	72.8	2.5	0.6
383	7/4/2016 11:01:40	16.60	49.95	32.76	5.91	7.79	11.4	2.641	73.9	3.0	0.7
384	7/4/2016 11:16:40	16.31	50.02	32.80	6.00	7.80	12.6	2.734	74.7	2.9	0.7
385	7/4/2016 11:31:40	15.77	50.04	32.80	6.17	7.81	12.7	2.832	75.9	3.1	0.7
386	7/4/2016 11:46:41	14.92	50.05	32.79	6.29	7.81	12.6	2.925	76.1	3.4	0.8
387	7/4/2016 12:01:40	14.07	49.65	32.48	6.49	7.82	10.6	3.020	77.1	3.3	0.8
388	7/4/2016 12:16:40	13.68	49.96	32.69	6.62	7.84	12.6	3.105	78.1	4.1	1.0
389	7/4/2016 12:31:40	13.42	49.95	32.68	6.70	7.85	11.7	3.173	78.6	4.2	1.0
390	7/4/2016 12:46:40	13.12	49.82	32.58	6.79	7.85	9.2	3.257	79.1	5.0	1.2
391	7/4/2016 13:01:41	12.69	49.96	32.66	6.94	7.86	8.1	3.331	80.2	6.8	1.6
392	7/4/2016 13:16:40	12.42	49.90	32.60	7.07	7.87	5.4	3.370	81.3	7.0	1.6
393	7/4/2016 13:31:40	12.28	49.87	32.58	7.15	7.88	4.1	3.400	81.9	9.2	2.2
394	7/4/2016 13:46:40	12.63	49.60	32.40	7.08	7.87	4.2	3.422	81.7	5.1	1.2
395	7/4/2016 14:01:40	12.50	49.87	32.59	6.97	7.87	4.9	3.415	80.2	5.4	1.3
396	7/4/2016 14:16:40	12.54	49.81	32.54	6.94	7.87	5.0	3.373	79.9	4.2	1.0
397	7/4/2016 14:31:40	12.77	49.76	32.52	6.90	7.86	5.5	3.303	79.8	4.5	1.1
398	7/4/2016 14:46:40	13.67	49.85	32.61	6.95	7.88	9.0	3.228	82.0	3.4	0.8
399	7/4/2016 15:01:40	14.44	49.63	32.48	7.46	7.91	7.0	3.153	89.3	3.4	0.8
400	7/4/2016 15:16:40	14.79	49.82	32.62	7.42	7.90	8.4	3.060	89.4	3.1	0.7
401	7/4/2016 15:31:40	15.30	49.95	32.73	7.20	7.90	9.3	2.958	87.8	2.8	0.7
402	7/4/2016 15:46:40	16.03	49.92	32.72	7.01	7.88	10.6	2.860	86.7	2.4	0.6
403	7/4/2016 16:01:39	16.58	49.90	32.72	7.57	7.92	9.2	2.788	94.7	2.9	0.7
404	7/4/2016 16:16:39	16.72	50.00	32.79	7.71	7.94	10.3	2.696	96.6	2.7	0.6
405	7/4/2016 16:31:40	17.34	50.16	32.92	7.62	7.92	8.9	2.600	96.8	2.9	0.7
406	7/4/2016 16:46:40	17.44	50.07	32.85	7.36	7.91	8.9	2.533	93.7	2.6	0.6

sonde #1

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	7/4/2016 17:01:40	17.56	50.08	32.86	8.16	7.96	8.3	2.454	104.0	3.5	0.8
408	7/4/2016 17:16:40	17.87	50.12	32.89	8.38	7.98	7.8	2.386	107.5	3.2	0.8
409	7/4/2016 17:31:40	18.04	50.10	32.88	8.74	8.00	8.3	2.315	112.4	3.7	0.9
410	7/4/2016 17:46:39	18.31	49.99	32.80	8.76	8.01	7.8	2.255	113.3	3.8	0.9
411	7/4/2016 18:01:40	18.78	50.19	32.95	8.57	8.00	7.0	2.223	111.9	3.4	0.8
412	7/4/2016 18:16:40	18.91	50.19	32.95	8.44	7.99	7.0	2.182	110.5	3.2	0.7
413	7/4/2016 18:31:39	19.12	50.03	32.83	8.47	7.99	6.5	2.167	111.3	3.3	0.8
414	7/4/2016 18:46:39	19.13	50.03	32.83	8.38	7.99	5.9	2.176	110.1	3.6	0.8
415	7/4/2016 19:01:39	19.01	50.23	32.98	8.32	7.97	6.6	2.194	109.2	4.1	1.0
416	7/4/2016 19:16:39	18.96	50.18	32.94	7.89	7.94	6.8	2.243	103.4	3.5	0.8
417	7/4/2016 19:31:40	19.03	50.33	33.05	7.62	7.92	7.9	2.295	100.0	3.5	0.8
418	7/4/2016 19:46:40	18.67	50.19	32.95	7.44	7.90	7.8	2.369	96.9	3.2	0.8
419	7/4/2016 20:01:40	18.85	50.22	32.97	7.41	7.90	10.6	2.450	96.9	3.8	0.9
420	7/4/2016 20:16:40	18.24	50.16	32.92	7.22	7.88	9.7	2.546	93.3	3.7	0.9
421	7/4/2016 20:31:40	17.89	50.00	32.81	7.06	7.87	9.0	2.630	90.5	3.1	0.7
422	7/4/2016 20:46:40	17.03	50.05	32.83	6.86	7.85	8.7	2.710	86.6	3.0	0.7
423	7/4/2016 21:01:40	16.21	49.82	32.65	6.62	7.84	9.2	2.811	82.2	3.6	0.8
424	7/4/2016 21:16:40	15.82	49.97	32.76	6.56	7.83	9.2	2.899	80.8	4.0	0.9
425	7/4/2016 21:31:40	15.60	49.85	32.66	6.62	7.83	8.9	2.987	81.1	3.6	0.8
426	7/4/2016 21:46:40	15.25	49.91	32.70	6.81	7.85	9.2	3.086	82.9	3.9	0.9
427	7/4/2016 22:01:40	14.59	49.84	32.64	6.92	7.85	8.9	3.183	83.1	4.7	1.1
428	7/4/2016 22:16:40	14.19	49.92	32.68	7.04	7.86	8.7	3.288	83.9	4.0	0.9
429	7/4/2016 22:31:40	13.17	49.93	32.65	7.40	7.88	12.5	3.387	86.4	6.3	1.5
430	7/4/2016 22:46:40	12.76	49.68	32.46	7.48	7.88	9.5	3.501	86.5	6.1	1.4
431	7/4/2016 23:01:40	12.07	49.79	32.51	7.76	7.89	9.5	3.595	88.5	5.6	1.3
432	7/4/2016 23:16:40	11.75	49.89	32.56	7.90	7.90	7.3	3.687	89.5	6.4	1.5
433	7/4/2016 23:31:41	11.59	49.98	32.62	8.04	7.92	6.8	3.776	90.8	6.5	1.5
434	7/4/2016 23:46:40	11.49	49.89	32.55	7.99	7.92	4.9	3.845	90.0	4.8	1.1
435	7/5/2016 00:01:40	11.47	49.87	32.53	8.04	7.92	4.5	3.911	90.5	4.9	1.1
436	7/5/2016 00:16:40	11.16	49.92	32.55	7.90	7.91	4.3	3.959	88.4	6.0	1.4
437	7/5/2016 00:31:40	11.10	49.89	32.53	7.74	7.91	3.7	3.991	86.5	4.8	1.1
438	7/5/2016 00:46:40	11.04	49.93	32.55	7.40	7.89	2.1	4.000	82.5	2.7	0.6
439	7/5/2016 01:01:40	11.21	49.97	32.59	7.42	7.89	5.0	3.986	83.1	3.1	0.7
440	7/5/2016 01:16:40	11.54	49.84	32.51	7.60	7.90	3.9	3.960	85.7	4.0	0.9
441	7/5/2016 01:31:40	11.23	49.76	32.45	7.56	7.90	3.3	3.896	84.6	3.1	0.7
442	7/5/2016 01:46:40	12.20	49.83	32.54	7.31	7.88	5.7	3.801	83.6	4.9	1.1
443	7/5/2016 02:01:40	11.84	49.84	32.53	7.62	7.89	6.3	3.716	86.4	5.2	1.2

sonde #1

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	7/5/2016 02:16:40	12.01	49.84	32.54	7.51	7.89	5.3	3.606	85.5	5.0	1.2
445	7/5/2016 02:31:40	13.13	49.81	32.57	7.20	7.88	7.6	3.473	83.9	4.9	1.1
446	7/5/2016 02:46:40	13.25	49.85	32.60	7.24	7.88	7.8	3.341	84.6	3.7	0.9
447	7/5/2016 03:01:40	13.44	49.88	32.63	7.14	7.87	6.7	3.209	83.8	3.3	0.8
448	7/5/2016 03:16:40	13.73	49.98	32.71	7.01	7.86	8.0	3.081	82.9	3.4	0.8
449	7/5/2016 03:31:40	13.99	49.71	32.53	6.88	7.85	7.4	2.943	81.6	3.0	0.7
450	7/5/2016 03:46:39	14.64	49.90	32.68	6.76	7.85	7.9	2.792	81.3	2.8	0.7
451	7/5/2016 04:01:40	15.09	49.91	32.70	6.63	7.84	8.2	2.643	80.5	3.2	0.7
452	7/5/2016 04:16:40	15.59	50.04	32.80	6.53	7.84	9.0	2.483	80.1	2.7	0.6
453	7/5/2016 04:31:40	15.98	50.07	32.83	6.72	7.85	10.2	2.332	83.1	3.0	0.7
454	7/5/2016 04:46:39	16.50	50.07	32.84	6.68	7.86	10.8	2.178	83.4	3.1	0.7
455	7/5/2016 05:01:40	16.99	50.15	32.91	6.67	7.86	11.0	2.008	84.2	3.3	0.8
456	7/5/2016 05:16:40	17.27	50.26	32.99	6.63	7.85	12.3	1.853	84.1	3.1	0.7
457	7/5/2016 05:31:40	17.36	50.27	33.00	6.53	7.85	10.7	1.689	83.0	3.4	0.8
458	7/5/2016 05:46:40	17.51	50.30	33.02	6.48	7.84	10.6	1.504	82.7	3.4	0.8
459	7/5/2016 06:01:40	17.61	50.12	32.89	6.45	7.84	10.1	1.349	82.4	2.9	0.7
460	7/5/2016 06:16:40	17.70	50.14	32.91	6.40	7.83	11.1	1.199	81.9	2.4	0.6
461	7/5/2016 06:31:40	17.72	50.12	32.89	6.35	7.83	10.6	1.064	81.2	2.9	0.7
462	7/5/2016 06:46:40	17.67	50.29	33.02	6.27	7.82	12.0	0.932	80.2	2.7	0.6
463	7/5/2016 07:01:40	17.87	50.22	32.96	6.28	7.83	9.6	0.874	80.6	3.0	0.7
464	7/5/2016 07:16:40	17.78	50.25	32.99	6.29	7.82	9.8	0.886	80.6	3.1	0.7
465	7/5/2016 07:31:40	18.22	50.19	32.95	6.41	7.84	8.3	0.910	82.8	2.7	0.6
466	7/5/2016 07:46:40	18.47	50.19	32.95	6.50	7.85	8.3	1.026	84.3	2.4	0.6
467	7/5/2016 08:01:39	18.75	50.27	33.01	6.59	7.86	8.3	1.140	86.1	2.8	0.7
468	7/5/2016 08:16:40	18.71	50.34	33.06	6.62	7.86	7.6	1.226	86.4	2.7	0.6
469	7/5/2016 08:31:40	18.57	50.23	32.98	6.61	7.85	7.4	1.307	86.0	3.1	0.7
470	7/5/2016 08:46:40	18.68	50.27	33.01	6.40	7.85	8.9	1.383	83.4	3.2	0.8
471	7/5/2016 09:01:40	18.74	50.34	33.06	6.28	7.85	9.5	1.478	82.0	2.9	0.7
472	7/5/2016 09:16:40	18.57	50.11	32.89	6.30	7.85	9.8	1.541	81.9	3.3	0.8
473	7/5/2016 09:31:40	18.44	50.28	33.01	6.35	7.84	8.7	1.640	82.5	3.1	0.7
474	7/5/2016 09:46:40	18.40	50.31	33.04	6.30	7.84	9.1	1.753	81.7	3.1	0.7
475	7/5/2016 10:01:40	18.30	50.25	32.99	6.18	7.83	8.6	1.838	79.9	3.2	0.8
476	7/5/2016 10:16:40	17.58	50.25	32.98	6.03	7.81	9.1	1.961	76.9	2.8	0.7
477	7/5/2016 10:31:40	17.33	50.06	32.85	6.03	7.80	9.6	2.076	76.5	2.2	0.5
478	7/5/2016 10:46:40	17.21	50.16	32.92	5.88	7.79	9.2	2.200	74.5	2.8	0.7
479	7/5/2016 11:01:40	17.13	50.22	32.96	5.88	7.79	9.8	2.322	74.4	3.0	0.7
480	7/5/2016 11:16:40	16.91	50.13	32.89	5.98	7.80	11.1	2.435	75.3	2.9	0.7

sonde #1

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	7/5/2016 11:31:40	16.73	49.99	32.79	6.18	7.81	11.1	2.549	77.5	2.6	0.6
482	7/5/2016 11:46:40	16.38	50.00	32.79	6.24	7.82	11.9	2.653	77.8	2.4	0.6
483	7/5/2016 12:01:40	16.04	50.03	32.80	6.31	7.83	13.1	2.758	78.2	2.7	0.6
484	7/5/2016 12:16:40	15.47	49.93	32.72	6.48	7.84	15.9	2.859	79.3	3.2	0.7
485	7/5/2016 12:31:40	14.48	49.93	32.70	6.70	7.86	12.1	2.951	80.3	3.4	0.8
486	7/5/2016 12:46:40	13.81	49.88	32.64	6.91	7.88	10.4	3.046	81.7	3.9	0.9
487	7/5/2016 13:01:40	13.56	49.89	32.64	7.06	7.89	11.7	3.136	83.0	4.4	1.0
488	7/5/2016 13:16:41	13.23	49.93	32.66	7.17	7.91	10.9	3.220	83.8	5.0	1.2
489	7/5/2016 13:31:41	12.98	49.89	32.62	7.21	7.91	10.3	3.291	83.8	5.4	1.3
490	7/5/2016 13:46:41	12.65	49.89	32.61	7.34	7.92	7.6	3.358	84.8	6.6	1.6
491	7/5/2016 14:01:40	12.42	49.88	32.59	7.43	7.92	5.7	3.414	85.4	6.3	1.5
492	7/5/2016 14:16:40	12.19	49.86	32.56	7.47	7.93	5.3	3.446	85.4	5.8	1.4
493	7/5/2016 14:31:40	12.21	49.88	32.57	7.26	7.92	3.5	3.450	83.0	3.4	0.8
494	7/5/2016 14:46:40	12.33	49.90	32.60	7.34	7.92	5.3	3.447	84.2	4.2	1.0
495	7/5/2016 15:01:40	12.44	49.73	32.48	7.33	7.92	5.4	3.411	84.1	3.9	0.9
496	7/5/2016 15:16:40	12.63	49.75	32.50	7.28	7.92	5.7	3.348	83.9	3.4	0.8
497	7/5/2016 15:31:40	13.35	49.86	32.61	7.31	7.93	8.6	3.264	85.6	3.0	0.7
498	7/5/2016 15:46:40	14.02	49.82	32.61	7.85	7.96	7.9	3.167	93.2	3.9	0.9
499	7/5/2016 16:01:40	14.47	49.69	32.52	7.88	7.96	8.1	3.081	94.4	3.2	0.8
500	7/5/2016 16:16:40	15.33	49.87	32.68	7.49	7.94	11.1	2.985	91.3	3.2	0.8
501	7/5/2016 16:31:40	16.12	49.90	32.72	7.52	7.95	9.8	2.887	93.1	3.4	0.8
502	7/5/2016 16:46:40	16.32	49.99	32.78	7.39	7.93	10.6	2.791	92.0	3.1	0.7
503	7/5/2016 17:01:40	16.90	50.03	32.82	7.46	7.94	9.3	2.713	93.9	3.0	0.7
504	7/5/2016 17:16:40	17.15	49.91	32.73	7.62	7.95	8.5	2.638	96.3	3.1	0.7
505	7/5/2016 17:31:40	17.29	49.51	32.44	7.87	7.95	7.8	2.537	99.6	3.4	0.8
506	7/5/2016 17:46:40	17.43	49.65	32.55	8.53	8.01	7.6	2.464	108.3	3.0	0.7
507	7/5/2016 18:01:40	17.58	49.70	32.59	8.50	8.01	7.0	2.400	108.2	3.7	0.9
508	7/5/2016 18:16:40	17.85	49.97	32.78	8.72	8.03	7.3	2.319	111.8	3.6	0.8
509	7/5/2016 18:31:40	18.22	50.16	32.93	8.41	8.01	6.8	2.263	108.7	3.6	0.8
510	7/5/2016 18:46:40	18.45	50.05	32.84	8.55	8.02	6.2	2.207	110.9	3.6	0.8
511	7/5/2016 19:01:39	18.56	50.15	32.92	8.77	8.04	6.1	2.182	114.0	3.8	0.9
512	7/5/2016 19:16:40	18.92	50.18	32.94	8.31	8.01	6.1	2.169	108.8	4.5	1.1
513	7/5/2016 19:31:39	19.12	50.23	32.98	7.59	7.96	4.3	2.152	99.8	3.4	0.8
514	7/5/2016 19:46:40	19.00	50.28	33.01	8.20	7.98	6.1	2.185	107.6	4.1	1.0
515	7/5/2016 20:01:39	18.88	50.11	32.89	7.92	7.95	6.0	2.221	103.5	4.0	0.9
516	7/5/2016 20:16:39	18.89	50.24	32.99	7.66	7.93	6.7	2.282	100.3	3.5	0.8
517	7/5/2016 20:31:40	18.58	50.12	32.90	7.56	7.92	7.6	2.345	98.3	3.9	0.9

sonde #1

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
518	7/5/2016 20:46:40	18.78	50.17	32.93	7.61	7.92	11.0	2.425	99.4	3.5	0.8
519	7/5/2016 21:01:40	18.18	50.13	32.90	7.46	7.90	8.1	2.513	96.3	3.7	0.9
520	7/5/2016 21:16:40	17.79	50.10	32.88	7.25	7.88	8.0	2.604	92.9	4.0	0.9
521	7/5/2016 21:31:40	17.04	49.90	32.72	7.02	7.86	8.6	2.688	88.5	3.1	0.7
522	7/5/2016 21:46:40	16.12	50.01	32.80	6.76	7.84	8.7	2.770	83.8	3.2	0.8
523	7/5/2016 22:01:40	15.82	49.90	32.71	6.67	7.84	8.0	2.867	82.1	3.5	0.8
524	7/5/2016 22:16:40	15.46	49.90	32.70	6.73	7.84	7.8	2.950	82.3	3.7	0.9
525	7/5/2016 22:31:40	15.27	49.94	32.72	6.89	7.85	8.2	3.044	83.9	3.5	0.8
526	7/5/2016 22:46:40	14.73	49.95	32.72	6.96	7.86	8.9	3.136	83.9	4.1	1.0
527	7/5/2016 23:01:40	14.32	49.83	32.62	7.05	7.86	8.6	3.232	84.2	4.3	1.0
528	7/5/2016 23:16:41	13.50	49.93	32.67	7.40	7.89	9.5	3.330	87.0	5.3	1.3
529	7/5/2016 23:31:41	12.85	49.92	32.63	7.47	7.89	8.7	3.429	86.6	5.2	1.2
530	7/5/2016 23:46:41	12.36	49.89	32.60	7.56	7.91	8.6	3.524	86.7	4.9	1.2
531	7/6/2016 00:01:40	11.84	49.90	32.58	7.55	7.91	7.2	3.609	85.7	4.6	1.1
532	7/6/2016 00:16:40	11.63	49.89	32.56	7.63	7.91	6.1	3.702	86.2	5.6	1.3
533	7/6/2016 00:31:40	11.45	49.92	32.57	7.73	7.92	6.1	3.776	87.0	5.5	1.3
534	7/6/2016 00:46:41	11.40	49.95	32.59	7.70	7.92	4.7	3.829	86.6	6.8	1.6
535	7/6/2016 01:01:41	11.39	49.87	32.53	7.59	7.91	4.2	3.885	85.3	4.4	1.0
536	7/6/2016 01:16:41	11.33	49.89	32.54	7.50	7.91	3.9	3.917	84.2	4.4	1.0
537	7/6/2016 01:31:40	11.22	49.84	32.50	7.33	7.90	2.5	3.933	82.0	3.5	0.8
538	7/6/2016 01:46:40	11.67	49.92	32.58	7.33	7.90	3.7	3.911	82.9	3.7	0.9
539	7/6/2016 02:01:40	11.65	49.84	32.52	7.37	7.90	3.8	3.884	83.2	3.4	0.8
540	7/6/2016 02:16:40	11.44	49.91	32.56	7.43	7.90	3.9	3.833	83.6	3.4	0.8
541	7/6/2016 02:31:40	12.85	49.93	32.64	7.05	7.87	6.2	3.736	81.8	4.0	0.9
542	7/6/2016 02:46:40	11.99	49.86	32.55	7.27	7.88	5.0	3.636	82.7	4.8	1.1
543	7/6/2016 03:01:40	12.02	49.83	32.54	7.21	7.87	6.2	3.529	82.2	3.8	0.9
544	7/6/2016 03:16:40	13.48	49.86	32.61	6.97	7.86	7.3	3.410	81.9	3.8	0.9
545	7/6/2016 03:31:41	13.47	49.90	32.64	7.05	7.87	7.9	3.282	82.8	4.0	0.9
546	7/6/2016 03:46:40	13.58	49.79	32.57	6.94	7.86	7.7	3.157	81.6	3.5	0.8
547	7/6/2016 04:01:40	14.17	49.80	32.59	6.81	7.85	7.6	3.019	81.1	2.7	0.6
548	7/6/2016 04:16:40	14.48	49.91	32.68	6.70	7.84	7.8	2.881	80.4	2.9	0.7
549	7/6/2016 04:31:40	15.38	49.94	32.73	6.59	7.84	8.5	2.750	80.5	2.7	0.6
550	7/6/2016 04:46:40	15.97	49.80	32.63	6.48	7.84	9.4	2.605	80.1	2.6	0.6
551	7/6/2016 05:01:40	15.95	50.02	32.79	6.54	7.83	10.1	2.456	80.8	2.9	0.7
552	7/6/2016 05:16:40	16.41	50.05	32.83	6.60	7.84	10.7	2.302	82.3	3.1	0.7
553	7/6/2016 05:31:40	16.35	49.92	32.73	6.61	7.84	10.3	2.155	82.2	4.2	1.0
554	7/6/2016 05:46:40	17.07	50.17	32.92	6.58	7.85	10.3	1.999	83.2	3.3	0.8

sonde #1

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	7/6/2016 06:01:40	17.42	50.12	32.89	6.48	7.84	11.1	1.840	82.4	3.3	0.8
556	7/6/2016 06:16:40	17.58	50.14	32.91	6.48	7.84	10.4	1.675	82.7	3.4	0.8
557	7/6/2016 06:31:40	17.59	50.10	32.88	6.45	7.83	10.5	1.509	82.3	2.9	0.7
558	7/6/2016 06:46:40	17.57	50.12	32.89	6.42	7.83	9.5	1.377	81.9	3.1	0.7
559	7/6/2016 07:01:40	17.44	50.07	32.85	6.35	7.82	9.2	1.222	80.8	2.9	0.7
560	7/6/2016 07:16:40	17.65	50.02	32.82	6.35	7.82	11.2	1.092	81.1	3.3	0.8
561	7/6/2016 07:31:40	17.73	50.18	32.94	6.30	7.82	14.7	0.991	80.6	3.6	0.8
562	7/6/2016 07:46:40	17.79	50.09	32.87	5.85	7.80	8.3	0.934	74.9	2.5	0.6
563	7/6/2016 08:01:40	17.83	50.19	32.95	6.31	7.82	9.8	0.944	80.9	3.5	0.8
564	7/6/2016 08:16:40	18.53	50.38	33.09	6.42	7.84	7.6	0.988	83.4	3.5	0.8
565	7/6/2016 08:31:39	18.58	50.21	32.96	6.45	7.84	7.3	1.092	83.9	3.8	0.9
566	7/6/2016 08:46:39	18.87	50.33	33.05	6.54	7.86	8.2	1.197	85.6	3.3	0.8
567	7/6/2016 09:01:39	18.75	50.17	32.93	6.56	7.85	7.2	1.280	85.6	3.7	0.9
568	7/6/2016 09:16:39	18.79	50.25	32.99	6.39	7.84	8.8	1.374	83.4	4.0	0.9
569	7/6/2016 09:31:40	18.88	50.25	32.99	6.20	7.84	9.7	1.444	81.2	4.1	1.0
570	7/6/2016 09:46:40	18.79	50.19	32.95	6.16	7.83	10.0	1.528	80.5	3.2	0.8
571	7/6/2016 10:01:40	18.45	50.23	32.98	6.22	7.83	8.3	1.608	80.8	3.5	0.8
572	7/6/2016 10:16:39	18.36	50.06	32.85	6.20	7.82	8.4	1.702	80.3	3.2	0.8
573	7/6/2016 10:31:40	18.32	50.20	32.95	6.24	7.82	8.1	1.796	80.7	3.5	0.8
574	7/6/2016 10:46:40	17.96	50.16	32.92	5.95	7.83	8.7	1.897	76.5	3.1	0.7
575	7/6/2016 11:01:40	17.40	49.99	32.80	5.93	7.83	9.0	2.015	75.4	2.5	0.6
576	7/6/2016 11:16:40	17.27	50.09	32.87	5.90	7.83	9.0	2.122	74.9	2.6	0.6
577	7/6/2016 11:31:40	17.20	50.09	32.86	5.86	7.82	9.2	2.242	74.2	2.8	0.7
578	7/6/2016 11:46:40	17.08	50.07	32.85	6.11	7.84	9.5	2.364	77.3	3.1	0.7
579	7/6/2016 12:01:40	16.87	50.11	32.87	6.23	7.85	10.0	2.475	78.4	3.2	0.8
580	7/6/2016 12:16:40	16.62	49.98	32.78	6.31	7.85	10.3	2.580	78.9	3.5	0.8
581	7/6/2016 12:31:40	16.35	50.01	32.80	6.30	7.85	11.2	2.681	78.5	2.9	0.7
582	7/6/2016 12:46:40	15.95	49.89	32.70	6.36	7.85	11.7	2.779	78.6	2.9	0.7
583	7/6/2016 13:01:40	15.38	49.92	32.71	6.48	7.86	11.7	2.874	79.1	3.2	0.8
584	7/6/2016 13:16:40	14.64	49.97	32.73	6.61	7.87	10.5	2.965	79.5	3.5	0.8
585	7/6/2016 13:31:40	13.92	49.76	32.56	6.80	7.88	9.2	3.056	80.6	3.6	0.8
586	7/6/2016 13:46:40	13.70	49.85	32.61	6.93	7.89	9.8	3.141	81.7	3.5	0.8
587	7/6/2016 14:01:41	13.38	49.85	32.60	6.97	7.90	9.0	3.229	81.7	4.2	1.0
588	7/6/2016 14:16:40	13.06	49.89	32.62	7.08	7.91	7.7	3.296	82.5	4.5	1.1
589	7/6/2016 14:31:41	12.65	49.88	32.60	7.09	7.91	6.1	3.364	81.8	4.9	1.1
590	7/6/2016 14:46:40	12.30	49.85	32.56	7.12	7.91	5.4	3.415	81.6	4.4	1.0
591	7/6/2016 15:01:40	12.12	49.92	32.61	7.14	7.92	4.7	3.446	81.5	3.5	0.8

sonde #1

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
592	7/6/2016 15:16:41	12.09	49.93	32.61	7.04	7.92	3.6	3.458	80.3	3.4	0.8
593	7/6/2016 15:31:40	12.25	49.95	32.63	7.07	7.91	4.8	3.436	80.9	3.6	0.9
594	7/6/2016 15:46:40	12.43	49.83	32.55	7.02	7.91	4.7	3.401	80.7	3.5	0.8
595	7/6/2016 16:01:40	12.73	49.92	32.63	6.99	7.91	5.3	3.336	80.8	2.8	0.7
596	7/6/2016 16:16:40	13.84	49.91	32.66	7.17	7.93	7.3	3.248	84.9	3.1	0.7
597	7/6/2016 16:31:40	14.26	49.88	32.65	7.44	7.95	7.2	3.167	88.8	2.6	0.6
598	7/6/2016 16:46:40	14.83	49.92	32.70	7.53	7.95	8.4	3.066	91.0	3.2	0.7
599	7/6/2016 17:01:40	15.86	49.87	32.69	7.41	7.95	8.3	2.971	91.3	3.2	0.8
600	7/6/2016 17:16:40	16.07	49.85	32.68	7.28	7.93	8.8	2.881	90.2	3.0	0.7
601	7/6/2016 17:31:40	16.41	49.91	32.73	7.41	7.95	7.9	2.780	92.3	3.4	0.8
602	7/6/2016 17:46:40	17.17	50.09	32.86	7.73	7.97	7.6	2.699	97.8	3.0	0.7
603	7/6/2016 18:01:40	17.25	49.90	32.73	7.43	7.94	8.1	2.614	94.1	3.7	0.9
604	7/6/2016 18:16:40	17.30	50.03	32.82	7.40	7.94	7.0	2.530	93.9	3.6	0.8
605	7/6/2016 18:31:40	17.48	50.04	32.83	7.38	7.94	6.7	2.456	94.0	3.4	0.8
606	7/6/2016 18:46:40	17.56	50.02	32.82	8.02	7.98	6.2	2.381	102.2	3.9	0.9
607	7/6/2016 19:01:40	17.63	50.03	32.82	8.17	7.99	6.1	2.299	104.4	3.7	0.9
608	7/6/2016 19:16:40	17.83	50.10	32.87	8.26	8.01	6.1	2.239	105.8	4.1	1.0
609	7/6/2016 19:31:40	18.11	50.17	32.93	8.22	8.01	6.1	2.198	106.0	3.5	0.8
610	7/6/2016 19:46:40	18.35	50.04	32.83	8.30	8.01	5.7	2.153	107.5	4.4	1.0
611	7/6/2016 20:01:40	18.74	50.20	32.95	8.08	8.00	5.7	2.136	105.4	4.9	1.1
612	7/6/2016 20:16:40	18.90	50.26	33.00	7.54	7.97	4.6	2.126	98.8	3.7	0.9
613	7/6/2016 20:31:40	18.95	50.27	33.01	7.86	7.97	6.0	2.154	103.0	4.3	1.0
614	7/6/2016 20:46:40	18.69	50.17	32.93	7.77	7.97	5.8	2.186	101.3	4.7	1.1
615	7/6/2016 21:01:40	18.70	50.14	32.91	7.58	7.95	6.1	2.229	98.7	3.9	0.9
616	7/6/2016 21:16:40	18.51	50.21	32.96	7.52	7.95	6.9	2.298	97.7	4.3	1.0
617	7/6/2016 21:31:40	18.67	50.18	32.94	7.59	7.95	9.3	2.387	98.9	4.1	1.0
618	7/6/2016 21:46:40	18.16	50.08	32.87	7.46	7.94	8.3	2.468	96.3	4.0	1.0
619	7/6/2016 22:01:40	17.78	49.99	32.80	7.41	7.93	7.3	2.553	94.8	3.7	0.9
620	7/6/2016 22:16:40	17.20	50.06	32.84	7.20	7.92	7.4	2.637	91.2	3.5	0.8
621	7/6/2016 22:31:40	16.29	49.93	32.74	6.81	7.89	7.6	2.722	84.7	3.6	0.9
622	7/6/2016 22:46:40	15.90	49.92	32.72	6.64	7.87	6.7	2.807	82.0	3.2	0.8
623	7/6/2016 23:01:40	15.65	49.97	32.75	6.67	7.88	7.1	2.880	82.0	3.3	0.8
624	7/6/2016 23:16:41	15.35	49.89	32.69	6.67	7.88	7.3	2.969	81.4	3.5	0.8
625	7/6/2016 23:31:40	15.12	49.85	32.66	6.82	7.89	7.3	3.059	82.8	3.7	0.9
626	7/6/2016 23:46:40	14.58	49.98	32.73	6.88	7.89	7.2	3.139	82.7	3.3	0.8
627	7/7/2016 00:01:40	14.29	49.97	32.72	6.92	7.89	7.3	3.225	82.7	3.6	0.8
628	7/7/2016 00:16:41	13.59	49.96	32.69	7.11	7.91	7.1	3.316	83.7	4.1	1.0

sonde #1

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
629	7/7/2016 00:31:40	12.95	49.80	32.55	7.11	7.91	7.8	3.408	82.5	4.4	1.0
630	7/7/2016 00:46:40	12.47	49.72	32.47	7.27	7.92	6.6	3.479	83.5	4.7	1.1
631	7/7/2016 01:01:40	12.05	49.88	32.57	7.29	7.92	5.3	3.562	83.1	6.2	1.5
632	7/7/2016 01:16:41	11.71	49.91	32.58	7.37	7.93	5.5	3.632	83.5	5.5	1.3
633	7/7/2016 01:31:40	11.44	49.92	32.57	7.56	7.95	3.9	3.694	85.1	4.6	1.1
634	7/7/2016 01:46:40	11.36	49.87	32.53	7.69	7.96	3.1	3.738	86.3	5.1	1.2
635	7/7/2016 02:01:40	11.37	49.83	32.50	7.65	7.96	2.9	3.762	86.0	4.7	1.1
636	7/7/2016 02:16:40	11.34	49.92	32.57	7.46	7.95	2.4	3.793	83.8	4.1	1.0
637	7/7/2016 02:31:40	11.57	49.98	32.62	7.44	7.95	2.6	3.775	83.9	4.1	1.0
638	7/7/2016 02:46:40	11.43	49.97	32.61	7.54	7.96	3.1	3.733	84.9	3.7	0.9
639	7/7/2016 03:01:40	11.39	49.97	32.60	7.59	7.96	4.0	3.690	85.3	3.4	0.8
640	7/7/2016 03:16:40	12.10	49.95	32.62	7.24	7.93	5.0	3.604	82.6	3.6	0.8
641	7/7/2016 03:31:40	12.81	49.92	32.63	6.85	7.90	5.2	3.506	79.4	4.6	1.1
642	7/7/2016 03:46:40	12.57	49.93	32.63	6.92	7.90	5.7	3.401	79.7	4.0	0.9
643	7/7/2016 04:01:40	14.12	49.98	32.73	6.67	7.89	7.8	3.285	79.4	3.5	0.8
644	7/7/2016 04:16:40	14.17	50.02	32.75	6.75	7.90	7.3	3.186	80.4	3.6	0.8
645	7/7/2016 04:31:40	14.36	50.02	32.76	6.68	7.89	7.0	3.056	80.0	2.7	0.6
646	7/7/2016 04:46:40	14.69	49.96	32.73	6.59	7.88	7.3	2.931	79.4	3.4	0.8
647	7/7/2016 05:01:40	15.48	49.84	32.65	6.52	7.88	7.5	2.809	79.8	3.5	0.8
648	7/7/2016 05:16:40	15.47	49.90	32.70	6.24	7.85	7.8	2.686	76.3	2.9	0.7
649	7/7/2016 05:31:40	15.70	49.94	32.74	6.12	7.83	7.6	2.554	75.2	3.0	0.7
650	7/7/2016 05:46:40	16.42	50.01	32.80	6.23	7.85	8.1	2.402	77.7	2.7	0.6
651	7/7/2016 06:01:39	16.94	50.10	32.87	6.37	7.86	8.7	2.272	80.2	3.7	0.9
652	7/7/2016 06:16:40	17.09	50.21	32.95	6.42	7.86	9.4	2.126	81.2	3.3	0.8
653	7/7/2016 06:31:40	17.09	50.13	32.89	6.31	7.85	8.7	1.979	79.7	2.9	0.7
654	7/7/2016 06:46:40	17.50	50.23	32.97	6.28	7.85	9.8	1.824	80.1	3.3	0.8
655	7/7/2016 07:01:40	17.53	50.19	32.94	6.29	7.84	9.4	1.679	80.2	3.3	0.8
656	7/7/2016 07:16:40	17.81	50.12	32.89	6.35	7.85	9.1	1.544	81.4	3.0	0.7
657	7/7/2016 07:31:40	17.82	50.14	32.91	6.35	7.85	9.6	1.396	81.4	3.0	0.7
658	7/7/2016 07:46:40	17.78	50.29	33.02	6.36	7.86	8.1	1.275	81.6	3.2	0.8
659	7/7/2016 08:01:40	17.73	50.13	32.90	6.34	7.86	8.9	1.182	81.2	3.4	0.8
660	7/7/2016 08:16:39	17.90	50.16	32.92	6.34	7.86	7.9	1.097	81.4	3.4	0.8
661	7/7/2016 08:31:39	18.21	50.15	32.92	6.11	7.86	7.0	1.080	78.9	3.1	0.7
662	7/7/2016 08:46:40	18.33	50.11	32.88	6.31	7.86	8.1	1.093	81.6	3.6	0.8
663	7/7/2016 09:01:39	18.86	50.16	32.93	6.26	7.88	6.7	1.133	81.9	3.5	0.8
664	7/7/2016 09:16:40	18.55	50.29	33.02	6.41	7.87	6.5	1.244	83.4	3.8	0.9
665	7/7/2016 09:31:40	18.82	50.27	33.01	6.42	7.87	6.4	1.318	83.9	3.8	0.9

sonde #1

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
666	7/7/2016 09:46:40	18.67	50.27	33.01	6.47	7.88	6.4	1.370	84.3	3.9	0.9
667	7/7/2016 10:01:40	18.80	50.29	33.02	6.38	7.88	7.6	1.470	83.4	4.1	1.0
668	7/7/2016 10:16:40	18.83	50.24	32.98	6.24	7.87	8.7	1.560	81.6	3.4	0.8
669	7/7/2016 10:31:40	18.72	50.25	32.99	6.25	7.87	8.7	1.621	81.6	4.0	0.9
670	7/7/2016 10:46:40	18.36	50.17	32.93	6.32	7.86	7.3	1.713	81.8	3.3	0.8
671	7/7/2016 11:01:40	18.34	50.06	32.85	6.27	7.86	7.9	1.815	81.2	3.5	0.8
672	7/7/2016 11:16:40	18.33	50.14	32.91	6.13	7.85	8.0	1.914	79.3	3.3	0.8
673	7/7/2016 11:31:40	17.83	50.23	32.97	6.01	7.84	7.7	2.007	77.1	3.4	0.8
674	7/7/2016 11:46:40	17.28	50.11	32.88	5.97	7.83	7.6	2.111	75.8	2.7	0.6
675	7/7/2016 12:01:40	17.11	50.17	32.93	6.02	7.84	7.6	2.228	76.2	3.2	0.7
676	7/7/2016 12:16:40	16.99	50.09	32.86	6.00	7.83	7.8	2.337	75.7	3.0	0.7
677	7/7/2016 12:31:40	16.84	50.09	32.86	6.14	7.84	8.3	2.437	77.3	3.0	0.7
678	7/7/2016 12:46:40	16.63	49.80	32.65	6.27	7.85	9.0	2.545	78.4	3.1	0.7
679	7/7/2016 13:01:40	16.40	50.02	32.80	6.32	7.85	9.7	2.654	78.8	3.4	0.8
680	7/7/2016 13:16:40	16.14	49.99	32.78	6.22	7.85	10.4	2.743	77.1	3.4	0.8
681	7/7/2016 13:31:40	15.70	49.91	32.71	6.32	7.85	11.7	2.847	77.7	3.3	0.8
682	7/7/2016 13:46:40	15.18	49.77	32.60	6.48	7.86	11.6	2.930	78.8	3.2	0.8
683	7/7/2016 14:01:40	14.29	49.90	32.67	6.52	7.86	9.1	3.025	77.9	3.4	0.8
684	7/7/2016 14:16:40	13.58	49.91	32.65	6.66	7.88	7.8	3.112	78.4	3.9	0.9
685	7/7/2016 14:31:40	13.28	49.87	32.62	6.71	7.89	7.3	3.190	78.5	3.8	0.9
686	7/7/2016 14:46:40	13.01	49.77	32.53	6.89	7.90	6.1	3.275	80.1	3.7	0.9
687	7/7/2016 15:01:40	12.77	49.88	32.60	6.91	7.91	5.0	3.348	80.0	4.1	1.0
688	7/7/2016 15:16:40	12.29	49.95	32.63	6.91	7.91	4.5	3.408	79.2	3.9	0.9
689	7/7/2016 15:31:41	11.95	49.95	32.62	6.98	7.92	3.9	3.443	79.5	4.9	1.2
690	7/7/2016 15:46:41	11.83	49.92	32.59	6.90	7.92	3.1	3.473	78.3	3.7	0.9
691	7/7/2016 16:01:40	11.91	49.76	32.48	6.75	7.91	3.0	3.481	76.7	2.8	0.7
692	7/7/2016 16:16:40	12.00	49.76	32.48	6.85	7.92	3.7	3.444	78.0	2.3	0.6
693	7/7/2016 16:31:40	12.14	49.96	32.63	6.81	7.91	3.3	3.402	77.8	3.0	0.7
694	7/7/2016 16:46:40	12.86	49.81	32.55	6.73	7.91	4.0	3.334	78.1	2.5	0.6
695	7/7/2016 17:01:40	14.32	49.85	32.64	7.21	7.94	6.5	3.251	86.2	3.4	0.8
696	7/7/2016 17:16:40	14.31	49.78	32.58	7.37	7.95	7.0	3.174	88.0	3.4	0.8
697	7/7/2016 17:31:40	14.93	49.93	32.71	7.37	7.95	7.9	3.065	89.2	3.5	0.8
698	7/7/2016 17:46:40	15.59	49.77	32.61	7.14	7.93	8.1	2.972	87.4	3.5	0.8
699	7/7/2016 18:01:40	16.16	49.92	32.73	7.17	7.93	7.7	2.885	89.0	4.0	0.9
700	7/7/2016 18:16:40	16.35	49.94	32.74	7.18	7.92	6.7	2.809	89.4	3.9	0.9
701	7/7/2016 18:31:40	16.71	49.95	32.76	7.06	7.91	6.3	2.718	88.5	3.2	0.7
702	7/7/2016 18:46:40	17.09	49.97	32.78	7.19	7.92	7.3	2.620	90.8	4.0	0.9

sonde #1

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
703	7/7/2016 19:01:40	17.24	49.87	32.70	7.46	7.93	6.5	2.561	94.4	3.9	0.9
704	7/7/2016 19:16:40	17.10	49.83	32.67	7.90	7.97	6.4	2.481	99.8	3.6	0.9
705	7/7/2016 19:31:40	17.25	50.04	32.83	8.09	7.99	6.5	2.399	102.5	4.1	1.0
706	7/7/2016 19:46:40	17.59	50.08	32.86	7.73	7.96	6.1	2.328	98.7	4.0	0.9
707	7/7/2016 20:01:40	17.73	50.07	32.85	7.84	7.97	6.0	2.281	100.3	4.6	1.1
708	7/7/2016 20:16:40	18.25	50.00	32.81	7.61	7.96	5.8	2.224	98.3	3.9	0.9
709	7/7/2016 20:31:40	18.46	50.08	32.87	7.71	7.97	6.2	2.169	100.0	4.4	1.0
710	7/7/2016 20:46:40	18.66	50.06	32.85	7.67	7.96	5.8	2.167	99.8	4.9	1.2
711	7/7/2016 21:01:40	18.96	50.17	32.93	7.17	7.94	4.5	2.154	93.9	4.5	1.1
712	7/7/2016 21:16:40	19.04	50.24	32.99	7.25	7.92	5.7	2.156	95.1	5.4	1.3
713	7/7/2016 21:31:40	18.97	50.23	32.98	7.47	7.94	6.1	2.187	97.9	4.8	1.1
714	7/7/2016 21:46:40	18.76	50.15	32.92	7.36	7.94	5.9	2.239	96.0	4.4	1.0
715	7/7/2016 22:01:40	18.73	50.18	32.94	7.34	7.94	6.1	2.297	95.7	4.5	1.1
716	7/7/2016 22:16:40	18.69	50.11	32.89	7.39	7.94	7.5	2.361	96.2	4.4	1.0
717	7/7/2016 22:31:40	18.47	50.15	32.92	7.36	7.94	8.6	2.441	95.6	4.1	1.0
718	7/7/2016 22:46:40	18.02	50.07	32.86	7.22	7.92	7.0	2.524	92.9	3.7	0.9
719	7/7/2016 23:01:40	17.61	49.96	32.77	7.14	7.91	6.5	2.600	91.1	3.7	0.9
720	7/7/2016 23:16:40	16.98	50.04	32.83	7.00	7.90	6.2	2.666	88.2	3.2	0.8
721	7/7/2016 23:31:40	16.03	50.00	32.78	6.66	7.88	5.7	2.746	82.4	4.0	0.9
722	7/7/2016 23:46:40	15.74	49.95	32.74	6.61	7.88	5.5	2.815	81.3	3.3	0.8
723	7/8/2016 00:01:40	15.46	49.96	32.74	6.64	7.88	5.6	2.892	81.3	3.5	0.8
724	7/8/2016 00:16:40	15.24	49.91	32.70	6.67	7.88	5.5	2.966	81.2	3.7	0.9
725	7/8/2016 00:31:40	15.09	49.91	32.70	6.65	7.88	5.6	3.036	80.7	3.1	0.7
726	7/8/2016 00:46:41	14.60	49.97	32.73	6.68	7.89	6.5	3.124	80.3	3.2	0.8
727	7/8/2016 01:01:40	14.23	49.81	32.60	6.69	7.89	5.4	3.199	79.8	3.3	0.8
728	7/8/2016 01:16:40	13.95	49.86	32.63	6.73	7.89	5.5	3.273	79.8	3.6	0.9
729	7/8/2016 01:31:40	13.27	49.83	32.59	6.81	7.90	5.6	3.344	79.6	3.5	0.8
730	7/8/2016 01:46:40	12.76	49.95	32.65	6.83	7.91	5.5	3.421	79.0	3.5	0.8
731	7/8/2016 02:01:40	12.35	49.96	32.64	6.85	7.91	4.3	3.482	78.6	3.8	0.9
732	7/8/2016 02:16:41	12.08	49.96	32.63	6.85	7.91	3.5	3.523	78.2	3.7	0.9
733	7/8/2016 02:31:40	11.92	49.87	32.56	6.81	7.91	3.1	3.569	77.4	4.5	1.0
734	7/8/2016 02:46:41	11.87	49.96	32.62	6.76	7.90	2.6	3.602	76.7	3.4	0.8
735	7/8/2016 03:01:40	11.82	49.90	32.57	6.57	7.90	2.1	3.606	74.6	3.3	0.8
736	7/8/2016 03:16:41	11.84	49.97	32.63	6.61	7.90	2.6	3.595	75.1	2.1	0.5
737	7/8/2016 03:31:40	11.88	49.92	32.60	6.61	7.90	2.2	3.578	75.1	2.1	0.5
738	7/8/2016 03:46:40	11.95	49.85	32.54	6.60	7.90	2.6	3.525	75.1	2.4	0.6
739	7/8/2016 04:01:40	14.56	49.80	32.61	6.19	7.86	6.6	3.453	74.3	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	7/8/2016 04:16:40	14.45	49.92	32.69	6.33	7.87	7.2	3.377	75.8	3.2	0.8
741	7/8/2016 04:31:40	13.24	49.81	32.57	6.45	7.88	6.5	3.265	75.3	3.1	0.7
742	7/8/2016 04:46:40	14.43	49.97	32.72	6.42	7.87	7.3	3.170	77.0	3.3	0.8
743	7/8/2016 05:01:40	14.74	49.93	32.70	6.40	7.87	6.5	3.080	77.1	2.8	0.7
744	7/8/2016 05:16:40	14.84	49.93	32.70	6.34	7.87	6.5	2.956	76.6	3.0	0.7
745	7/8/2016 05:31:40	15.24	49.74	32.58	6.30	7.86	6.9	2.855	76.6	2.9	0.7
746	7/8/2016 05:46:40	15.75	50.01	32.79	6.19	7.85	7.2	2.744	76.2	3.1	0.7
747	7/8/2016 06:01:40	16.16	49.97	32.76	5.95	7.83	6.8	2.633	73.8	2.9	0.7
748	7/8/2016 06:16:40	16.50	50.09	32.85	6.10	7.84	7.2	2.517	76.3	2.3	0.5
749	7/8/2016 06:31:40	16.59	50.02	32.80	6.21	7.84	7.6	2.382	77.7	2.8	0.7
750	7/8/2016 06:46:40	16.89	50.12	32.89	6.30	7.85	8.4	2.261	79.3	3.5	0.8
751	7/8/2016 07:01:40	16.95	50.15	32.91	6.30	7.85	8.3	2.123	79.4	2.8	0.7
752	7/8/2016 07:16:39	17.34	50.08	32.86	6.27	7.86	10.0	1.990	79.6	3.2	0.8
753	7/8/2016 07:31:40	17.49	50.22	32.96	6.18	7.85	8.7	1.872	78.8	3.6	0.8
754	7/8/2016 07:46:40	17.69	50.27	33.00	6.16	7.85	8.6	1.727	78.8	3.4	0.8
755	7/8/2016 08:01:40	17.81	50.14	32.90	6.19	7.85	7.5	1.606	79.4	3.3	0.8
756	7/8/2016 08:16:40	17.84	50.15	32.92	6.22	7.85	7.0	1.500	79.7	3.3	0.8
757	7/8/2016 08:31:40	17.86	50.21	32.96	6.23	7.85	7.1	1.413	79.9	3.6	0.9
758	7/8/2016 08:46:40	18.03	50.21	32.96	6.21	7.85	6.6	1.347	80.0	3.4	0.8
759	7/8/2016 09:01:40	18.20	50.20	32.95	6.20	7.85	6.7	1.275	80.1	3.6	0.9
760	7/8/2016 09:16:40	18.37	50.10	32.88	6.04	7.85	6.1	1.283	78.2	3.6	0.8
761	7/8/2016 09:31:39	18.36	50.12	32.89	6.16	7.85	5.9	1.294	79.8	3.8	0.9
762	7/8/2016 09:46:40	18.50	50.25	32.99	6.26	7.85	5.7	1.337	81.3	3.8	0.9
763	7/8/2016 10:01:40	18.63	50.25	32.99	6.25	7.86	5.9	1.388	81.4	4.5	1.1
764	7/8/2016 10:16:40	18.79	50.28	33.02	6.31	7.87	6.4	1.476	82.5	4.8	1.1
765	7/8/2016 10:31:40	18.63	50.16	32.92	6.33	7.87	5.9	1.556	82.5	9.5	2.2
766	7/8/2016 10:46:40	18.87	50.24	32.98	6.08	7.87	7.9	1.618	79.6	4.2	1.0
767	7/8/2016 11:01:40	18.81	50.15	32.92	6.04	7.86	7.6	1.710	78.9	4.2	1.0
768	7/8/2016 11:16:40	18.54	50.13	32.90	6.11	7.86	7.2	1.799	79.4	4.4	1.0
769	7/8/2016 11:31:40	18.40	50.23	32.98	6.12	7.85	6.8	1.880	79.3	3.7	0.9
770	7/8/2016 11:46:40	18.38	50.20	32.96	6.10	7.85	6.4	1.960	79.0	3.5	0.8
771	7/8/2016 12:01:40	18.19	50.29	33.02	6.07	7.85	6.5	2.057	78.4	3.7	0.9
772	7/8/2016 12:16:40	17.63	50.05	32.84	6.01	7.84	6.9	2.154	76.7		
773	7/8/2016 12:31:40	17.27	49.96	32.77	6.03	7.83	7.0	2.255	76.5		
774	7/8/2016 12:46:40	17.13	49.98	32.78	5.98	7.83	6.6	2.344	75.6		
775	7/8/2016 13:01:40	16.94	50.00	32.79	6.05	7.83	6.6	2.442	76.2		
776	7/8/2016 13:16:40	16.72	49.96	32.77	6.13	7.83	7.2	2.545	76.9		

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	7/8/2016 13:31:40	16.41	49.93	32.74	6.20	7.84	7.5	2.633	77.3		
778	7/8/2016 13:46:40	16.11	49.95	32.75	6.22	7.84	8.0	2.722	77.1		
779	7/8/2016 14:01:41	15.88	49.90	32.71	6.22	7.84	8.1	2.820	76.7		
780	7/8/2016 14:16:40	15.34	49.92	32.71	6.32	7.84	9.8	2.904	77.1		
781	7/8/2016 14:31:40	14.90	49.89	32.68	6.34	7.85	7.9	2.989	76.7		
782	7/8/2016 14:46:40	14.20	49.84	32.63	6.37	7.85	7.9	3.077	76.0	3.3	0.8
783	7/8/2016 15:01:40	13.29	49.95	32.67	6.48	7.86	6.3	3.162	75.8	3.5	0.8
784	7/8/2016 15:16:40	12.89	49.88	32.61	6.53	7.87	6.1	3.242	75.8	3.7	0.9
785	7/8/2016 15:31:40	12.62	49.80	32.54	6.70	7.89	4.8	3.317	77.3	4.2	1.0
786	7/8/2016 15:46:40	12.36	49.91	32.60	6.73	7.89	4.8	3.384	77.3	4.9	1.2
787	7/8/2016 16:01:41	12.04	49.89	32.58	6.72	7.90	3.7	3.427	76.6	4.9	1.2
788	7/8/2016 16:16:40	11.86	49.86	32.55	6.65	7.89	3.1	3.461	75.5	5.0	1.2
789	7/8/2016 16:31:40	11.70	49.84	32.53	6.30	7.88	2.2	3.484	71.3	4.6	1.1
790	7/8/2016 16:46:40	11.82	50.02	32.66	6.68	7.90	2.9	3.477	75.9	4.7	1.1
791	7/8/2016 17:01:40	11.79	49.94	32.61	6.62	7.89	2.5	3.448	75.1	4.9	1.2
792	7/8/2016 17:16:40	12.63	50.03	32.71	6.79	7.91	3.3	3.393	78.4	4.9	1.2
793	7/8/2016 17:31:40	14.22	49.83	32.61	6.94	7.92	4.7	3.347	82.8	4.2	1.0
794	7/8/2016 17:46:40	14.41	49.85	32.64	6.64	7.89	5.2	3.268	79.5	3.6	0.8
795	7/8/2016 18:01:40	14.51	49.89	32.67	6.73	7.90	6.2	3.174	80.8	4.0	0.9
796	7/8/2016 18:16:40	14.75	49.89	32.68	6.66	7.89	7.0	3.088	80.3	3.5	0.8
797	7/8/2016 18:31:40	14.95	49.95	32.72	6.68	7.89	6.0	3.008	80.9	4.2	1.0
798	7/8/2016 18:46:40	15.17	49.92	32.70	6.72	7.88	6.0	2.919	81.7	4.2	1.0
799	7/8/2016 19:01:40	15.51	49.89	32.69	6.71	7.88	6.2	2.830	82.1	4.5	1.1
800	7/8/2016 19:16:40	15.78	49.93	32.73	6.71	7.88	5.9	2.756	82.6	3.8	0.9
801	7/8/2016 19:31:40	16.12	49.99	32.78	6.61	7.87	6.4	2.680	81.9	4.0	0.9
802	7/8/2016 19:46:40	16.43	49.96	32.76	6.57	7.87	6.7	2.601	82.0	4.1	1.0
803	7/8/2016 20:01:40	16.52	49.93	32.74	6.55	7.87	5.7	2.527	81.8	4.1	1.0
804	7/8/2016 20:16:40	16.99	49.81	32.66	6.45	7.86	6.1	2.452	81.3	4.5	1.1
805	7/8/2016 20:31:40	17.22	50.13	32.89	6.36	7.86	6.1	2.393	80.6	4.5	1.0
806	7/8/2016 20:46:40	17.27	50.09	32.87	6.28	7.86	6.1	2.334	79.7	4.5	1.1
807	7/8/2016 21:01:40	17.37	50.08	32.86	6.38	7.86	6.2	2.277	81.1	4.7	1.1
808	7/8/2016 21:16:40	17.73	50.05	32.84	6.36	7.86	5.6	2.234	81.3	4.4	1.0
809	7/8/2016 21:31:40	17.81	50.10	32.88	6.36	7.86	5.8	2.210	81.4	4.9	1.2
810	7/8/2016 21:46:40	18.03	50.04	32.84	6.33	7.86	5.3	2.188	81.5	4.5	1.1
811	7/8/2016 22:01:40	18.19	50.20	32.95	5.86	7.85	4.6	2.193	75.6	5.7	1.3
812	7/8/2016 22:16:39	18.05	50.17	32.93	6.34	7.86	5.4	2.195	81.7	5.7	1.3
813	7/8/2016 22:31:40	17.87	50.03	32.83	6.34	7.85	5.4	2.232	81.3	4.9	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	7/8/2016 22:46:40	17.85	50.16	32.92	6.44	7.86	5.9	2.271	82.6	4.3	1.0
815	7/8/2016 23:01:40	17.72	50.08	32.87	6.37	7.85	7.0	2.325	81.5	4.2	1.0
816	7/8/2016 23:16:40	17.70	49.96	32.77	6.44	7.86	7.3	2.391	82.3	4.7	1.1
817	7/8/2016 23:31:40	17.43	50.05	32.84	6.39	7.85	6.5	2.459	81.3	4.4	1.0
818	7/8/2016 23:46:40	17.16	50.02	32.81	6.34	7.85	5.7	2.520	80.2	4.2	1.0
819	7/9/2016 00:01:40	16.92	50.11	32.87	6.36	7.85	5.9	2.594	80.2	4.3	1.0
820	7/9/2016 00:16:40	16.46	50.00	32.79	6.34	7.84	5.6	2.663	79.2	4.7	1.1
821	7/9/2016 00:31:40	15.86	49.80	32.63	6.23	7.83	5.3	2.721	76.8	3.3	0.8
822	7/9/2016 00:46:40	15.62	49.96	32.75	6.15	7.83	5.0	2.779	75.4	3.6	0.9
823	7/9/2016 01:01:40	15.38	49.87	32.68	6.09	7.83	5.3	2.857	74.3	3.1	0.7
824	7/9/2016 01:16:41	15.24	49.86	32.66	6.08	7.82	4.6	2.924	74.0	3.8	0.9
825	7/9/2016 01:31:40	14.99	49.97	32.74	6.07	7.82	4.6	2.974	73.6	3.7	0.9
826	7/9/2016 01:46:40	14.58	49.82	32.62	6.08	7.83	4.7	3.051	73.0	3.1	0.7
827	7/9/2016 02:01:40	14.20	49.88	32.65	6.07	7.83	4.2	3.121	72.3	2.9	0.7
828	7/9/2016 02:16:40	13.89	49.90	32.66	6.08	7.83	4.0	3.180	72.0	2.9	0.7
829	7/9/2016 02:31:41	13.65	49.98	32.71	6.05	7.83	3.9	3.238	71.3	3.2	0.8
830	7/9/2016 02:46:41	13.36	49.89	32.63	6.03	7.83	3.6	3.294	70.7	2.8	0.7
831	7/9/2016 03:01:40	12.98	49.81	32.56	6.07	7.83	3.5	3.348	70.5	3.5	0.8
832	7/9/2016 03:16:40	12.76	49.75	32.51	6.04	7.84	3.3	3.378	69.8	3.0	0.7
833	7/9/2016 03:31:40	12.53	49.77	32.51	6.04	7.84	3.2	3.402	69.5	2.6	0.6
834	7/9/2016 03:46:41	12.47	49.82	32.55	5.80	7.84	2.0	3.422	66.6	1.6	0.4
835	7/9/2016 04:01:40	12.60	49.82	32.55	5.95	7.85	3.2	3.421	68.6	2.5	0.6
836	7/9/2016 04:16:40	12.57	49.89	32.60	5.96	7.85	2.6	3.404	68.6	2.5	0.6
837	7/9/2016 04:31:40	12.71	49.80	32.54	5.89	7.84	2.7	3.363	68.1	2.5	0.6
838	7/9/2016 04:46:41	13.14	49.80	32.56	5.85	7.84	3.1	3.307	68.2	1.8	0.4
839	7/9/2016 05:01:41	13.61	49.88	32.63	5.85	7.84	3.7	3.245	68.9	2.7	0.6
840	7/9/2016 05:16:40	13.96	49.70	32.51	5.85	7.83	4.8	3.171	69.3	3.0	0.7
841	7/9/2016 05:31:40	14.19	49.67	32.50	5.85	7.82	6.2	3.072	69.7	2.5	0.6
842	7/9/2016 05:46:40	14.93	49.87	32.67	5.55	7.79	7.2	2.985	67.1	3.1	0.7
843	7/9/2016 06:01:40	15.30	49.72	32.57	5.42	7.78	6.7	2.889	66.1	3.0	0.7
844	7/9/2016 06:16:40	15.72	49.87	32.69	5.18	7.76	6.4	2.796	63.6	3.0	0.7
845	7/9/2016 06:31:40	16.08	49.88	32.70	4.94	7.74	7.2	2.688	61.2	3.3	0.8
846	7/9/2016 06:46:39	16.44	49.70	32.57	5.08	7.74	6.6	2.590	63.3	2.8	0.7
847	7/9/2016 07:01:40	16.55	49.89	32.71	5.23	7.76	6.8	2.497	65.3	3.0	0.7
848	7/9/2016 07:16:40	16.66	49.83	32.66	5.50	7.78	7.2	2.377	68.8	3.0	0.7
849	7/9/2016 07:31:40	16.69	49.84	32.68	5.74	7.80	7.0	2.271	71.9	3.0	0.7
850	7/9/2016 07:46:40	16.73	50.01	32.80	5.77	7.81	6.6	2.156	72.4	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	7/9/2016 08:01:40	16.90	50.03	32.82	5.89	7.81	7.2	2.040	74.2	3.2	0.8
852	7/9/2016 08:16:40	16.81	49.90	32.73	5.89	7.81	6.1	1.930	74.0	3.2	0.8
853	7/9/2016 08:31:40	17.10	50.03	32.82	5.87	7.81	6.3	1.836	74.1	3.5	0.8
854	7/9/2016 08:46:40	17.07	49.98	32.78	5.88	7.81	5.9	1.734	74.3	2.6	0.6
855	7/9/2016 09:01:40	17.50	49.95	32.76	5.83	7.81	6.1	1.635	74.2	3.8	0.9
856	7/9/2016 09:16:40	17.56	49.96	32.77	5.78	7.81	5.5	1.596	73.7	3.5	0.8
857	7/9/2016 09:31:40	17.63	49.90	32.73	5.87	7.81	5.7	1.517	74.9	3.3	0.8
858	7/9/2016 09:46:40	17.77	49.99	32.80	5.71	7.80	5.7	1.496	73.1	3.3	0.8
859	7/9/2016 10:01:40	17.91	50.04	32.83	5.24	7.80	4.8	1.495	67.3	3.0	0.7
860	7/9/2016 10:16:40	17.75	49.99	32.79	5.83	7.80	5.6	1.506	74.6	3.9	0.9
861	7/9/2016 10:31:40	17.95	50.00	32.80	5.84	7.81	5.5	1.543	75.0	3.9	0.9
862	7/9/2016 10:46:40	17.95	50.04	32.83	5.75	7.80	5.5	1.575	73.9	3.9	0.9
863	7/9/2016 11:01:40	18.13	49.98	32.80	5.74	7.80	5.7	1.664	74.0	4.0	0.9
864	7/9/2016 11:16:40	18.05	49.90	32.74	5.78	7.80	5.9	1.731	74.4	3.9	0.9
865	7/9/2016 11:31:40	18.11	49.86	32.71	5.56	7.79	7.1	1.791	71.6	4.2	1.0
866	7/9/2016 11:46:40	18.12	49.78	32.64	5.44	7.78	7.5	1.881	70.0	3.9	0.9
867	7/9/2016 12:01:40	17.96	49.86	32.71	5.30	7.77	7.7	1.953	68.0	3.6	0.8
868	7/9/2016 12:16:40	17.73	49.91	32.74	5.40	7.78	6.5	2.032	69.0	3.0	0.7
869	7/9/2016 12:31:40	17.67	49.95	32.77	5.26	7.77	6.3	2.106	67.2	3.6	0.8
870	7/9/2016 12:46:40	17.56	49.89	32.72	5.03	7.75	6.2	2.209	64.1	3.4	0.8
871	7/9/2016 13:01:40	17.33	49.86	32.70	5.12	7.76	6.5	2.288	64.9	3.1	0.7
872	7/9/2016 13:16:40	17.01	49.96	32.77	5.22	7.76	6.0	2.359	65.9	3.4	0.8
873	7/9/2016 13:31:40	16.78	49.81	32.66	5.27	7.77	5.9	2.464	66.1	2.3	0.5
874	7/9/2016 13:46:40	16.64	49.91	32.73	5.56	7.78	6.2	2.558	69.6	3.1	0.7
875	7/9/2016 14:01:40	16.39	49.84	32.67	5.52	7.78	6.5	2.645	68.8	2.9	0.7
876	7/9/2016 14:16:40	16.17	49.81	32.65	5.70	7.80	6.5	2.722	70.7	2.7	0.6
877	7/9/2016 14:31:41	15.82	49.80	32.64	5.77	7.80	6.8	2.809	71.0	3.7	0.9
878	7/9/2016 14:46:40	15.58	49.82	32.64	5.82	7.81	7.2	2.899	71.3	3.1	0.7
879	7/9/2016 15:01:40	15.23	49.80	32.62	5.95	7.82	7.6	2.976	72.4	3.0	0.7
880	7/9/2016 15:16:40	14.95	49.70	32.54	6.07	7.83	8.1	3.051	73.4	2.6	0.6
881	7/9/2016 15:31:40	14.45	49.73	32.55	6.18	7.84	6.8	3.131	74.0	3.8	0.9
882	7/9/2016 15:46:40	13.95	49.63	32.46	6.30	7.85	6.6	3.214	74.7	3.8	0.9
883	7/9/2016 16:01:40	13.58	49.67	32.48	6.44	7.87	6.5	3.275	75.7	3.4	0.8
884	7/9/2016 16:16:40	13.19	49.56	32.38	6.68	7.89	5.8	3.332	77.9	4.2	1.0
885	7/9/2016 16:31:40	12.95	49.59	32.40	6.91	7.91	4.6	3.394	80.2	5.2	1.2
886	7/9/2016 16:46:40	12.85	49.64	32.43	7.11	7.93	3.6	3.438	82.3	5.2	1.2
887	7/9/2016 17:01:40	12.77	49.67	32.45	7.23	7.94	3.4	3.457	83.6	4.5	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	7/9/2016 17:16:40	12.79	49.63	32.42	6.68	7.91	2.3	3.459	77.2	3.6	0.8
889	7/9/2016 17:31:40	12.78	49.65	32.44	7.18	7.94	3.1	3.465	83.1	4.6	1.1
890	7/9/2016 17:46:40	12.89	49.66	32.45	7.04	7.93	3.2	3.434	81.6	3.3	0.8
891	7/9/2016 18:01:40	12.97	49.65	32.45	6.97	7.92	3.5	3.377	80.9	4.1	1.0
892	7/9/2016 18:16:40	13.89	49.61	32.45	6.63	7.89	5.6	3.311	78.4	3.6	0.8
893	7/9/2016 18:31:40	14.78	49.61	32.47	6.67	7.89	6.2	3.248	80.3	3.0	0.7
894	7/9/2016 18:46:40	14.96	49.59	32.46	6.85	7.90	6.4	3.174	82.9	3.0	0.7
895	7/9/2016 19:01:39	15.39	49.63	32.50	6.95	7.91	6.4	3.078	84.7	3.3	0.8
896	7/9/2016 19:16:40	15.83	49.68	32.55	6.69	7.88	7.2	3.000	82.4	3.2	0.8
897	7/9/2016 19:31:40	16.07	49.71	32.57	6.60	7.87	6.4	2.916	81.6	3.3	0.8
898	7/9/2016 19:46:40	16.27	49.64	32.53	6.61	7.87	6.3	2.843	82.0	2.9	0.7
899	7/9/2016 20:01:40	16.54	49.67	32.55	6.69	7.88	6.5	2.766	83.6	3.8	0.9
900	7/9/2016 20:16:40	16.77	49.72	32.59	6.56	7.87	5.9	2.684	82.3	2.9	0.7
901	7/9/2016 20:31:40	16.98	49.78	32.64	6.58	7.87	6.2	2.615	82.9	3.3	0.8
902	7/9/2016 20:46:40	16.82	49.71	32.58	6.99	7.90	6.3	2.545	87.8	3.3	0.8
903	7/9/2016 21:01:40	16.82	49.79	32.64	7.00	7.90	6.1	2.482	87.9	3.4	0.8
904	7/9/2016 21:16:40	17.12	49.87	32.70	6.58	7.87	6.1	2.404	83.2	3.1	0.7
905	7/9/2016 21:31:40	17.51	49.93	32.75	6.52	7.86	6.0	2.356	83.0	4.1	1.0
906	7/9/2016 21:46:40	17.51	49.83	32.68	6.58	7.87	5.7	2.301	83.8	4.4	1.0
907	7/9/2016 22:01:40	17.83	49.82	32.68	6.76	7.88	5.7	2.247	86.6	4.2	1.0
908	7/9/2016 22:16:40	18.14	49.93	32.75	6.72	7.88	5.8	2.230	86.6	4.1	1.0
909	7/9/2016 22:31:40	18.22	49.86	32.71	6.66	7.88	5.4	2.193	86.0	4.9	1.1
910	7/9/2016 22:46:40	18.34	49.90	32.73	6.05	7.85	3.9	2.199	78.3	4.7	1.1
911	7/9/2016 23:01:40	18.48	49.72	32.60	6.62	7.87	5.6	2.200	85.8	4.5	1.1
912	7/9/2016 23:16:40	18.30	49.83	32.69	6.64	7.87	5.6	2.204	85.8	4.4	1.0
913	7/9/2016 23:31:40	18.15	49.92	32.75	6.56	7.87	6.2	2.248	84.5	4.3	1.0
914	7/9/2016 23:46:40	18.10	49.78	32.64	6.54	7.86	5.7	2.285	84.1	4.3	1.0
915	7/10/2016 00:01:40	18.00	49.94	32.76	6.38	7.85	5.9	2.340	82.0	4.4	1.0
916	7/10/2016 00:16:40	17.98	49.86	32.70	6.54	7.86	6.8	2.384	84.1	3.9	0.9
917	7/10/2016 00:31:40	18.01	49.85	32.70	6.62	7.87	6.8	2.444	85.0	3.6	0.8
918	7/10/2016 00:46:40	17.63	49.73	32.61	6.45	7.85	5.9	2.509	82.2	3.6	0.8
919	7/10/2016 01:01:40	17.44	49.82	32.67	6.38	7.84	5.8	2.567	81.0	3.9	0.9
920	7/10/2016 01:16:40	17.13	49.73	32.60	6.42	7.85	5.5	2.628	81.0	4.0	0.9
921	7/10/2016 01:31:40	16.65	49.78	32.63	6.43	7.85	5.0	2.672	80.4	3.9	0.9
922	7/10/2016 01:46:40	16.33	49.61	32.50	6.34	7.84	4.7	2.733	78.8	3.2	0.8
923	7/10/2016 02:01:40	15.93	49.59	32.49	6.26	7.84	4.5	2.792	77.2	3.0	0.7
924	7/10/2016 02:16:40	15.73	49.72	32.57	6.27	7.84	4.2	2.844	77.0	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	7/10/2016 02:31:40	15.59	49.59	32.48	6.32	7.84	4.3	2.891	77.4	2.6	0.6
926	7/10/2016 02:46:40	15.47	49.67	32.53	6.34	7.84	4.2	2.946	77.4	3.0	0.7
927	7/10/2016 03:01:40	15.35	49.74	32.58	6.37	7.85	4.1	3.006	77.7	2.7	0.6
928	7/10/2016 03:16:40	15.20	49.63	32.50	6.41	7.85	3.7	3.045	77.9	2.9	0.7
929	7/10/2016 03:31:40	15.02	49.51	32.40	6.48	7.86	3.9	3.085	78.4	3.1	0.7
930	7/10/2016 03:46:40	14.81	49.70	32.54	6.52	7.87	3.6	3.139	78.6	2.8	0.7
931	7/10/2016 04:01:40	14.62	49.60	32.46	6.63	7.88	3.8	3.170	79.6	3.2	0.8
932	7/10/2016 04:16:40	14.52	49.62	32.47	6.60	7.88	3.5	3.199	79.1	3.3	0.8
933	7/10/2016 04:31:41	14.48	49.58	32.44	6.53	7.88	2.7	3.214	78.2	2.0	0.5
934	7/10/2016 04:46:40	14.66	49.66	32.51	6.45	7.87	3.7	3.221	77.5	2.9	0.7
935	7/10/2016 05:01:40	14.41	49.64	32.48	6.54	7.88	3.3	3.226	78.2	2.7	0.6
936	7/10/2016 05:16:40	14.50	49.64	32.48	6.47	7.88	2.8	3.187	77.6	3.0	0.7
937	7/10/2016 05:31:40	14.67	49.69	32.53	6.41	7.87	3.2	3.133	77.1	2.6	0.6
938	7/10/2016 05:46:40	15.94	49.65	32.53	5.95	7.81	6.8	3.100	73.4	2.8	0.7
939	7/10/2016 06:01:40	15.40	49.69	32.55	6.09	7.84	4.2	3.050	74.4	2.4	0.6
940	7/10/2016 06:16:41	15.41	49.76	32.59	6.11	7.83	5.3	2.972	74.7	2.8	0.7
941	7/10/2016 06:31:40	15.60	49.62	32.50	6.02	7.82	6.0	2.878	73.7	2.6	0.6
942	7/10/2016 06:46:40	15.69	49.63	32.51	5.98	7.82	5.6	2.812	73.4	2.6	0.6
943	7/10/2016 07:01:40	15.87	49.76	32.60	5.87	7.80	5.1	2.737	72.3	2.2	0.5
944	7/10/2016 07:16:40	16.03	49.63	32.51	5.73	7.79	5.7	2.644	70.8	2.9	0.7
945	7/10/2016 07:31:40	15.88	49.85	32.67	5.72	7.78	5.3	2.552	70.6	2.6	0.6
946	7/10/2016 07:46:40	16.22	49.59	32.49	5.77	7.78	5.3	2.469	71.5	2.6	0.6
947	7/10/2016 08:01:40	16.83	49.79	32.64	5.87	7.79	5.7	2.392	73.7	2.9	0.7
948	7/10/2016 08:16:40	16.86	49.77	32.63	6.03	7.81	5.4	2.293	75.8	2.7	0.6
949	7/10/2016 08:31:40	16.80	49.79	32.64	6.30	7.82	5.3	2.183	79.0	2.8	0.7
950	7/10/2016 08:46:40	17.23	49.90	32.73	6.35	7.83	5.4	2.112	80.4	2.8	0.7
951	7/10/2016 09:01:40	17.39	49.87	32.71	6.48	7.84	5.9	2.027	82.3	3.5	0.8
952	7/10/2016 09:16:40	17.46	49.79	32.65	6.72	7.85	5.3	1.942	85.4	3.2	0.8
953	7/10/2016 09:31:40	17.72	49.91	32.74	6.63	7.85	5.7	1.882	84.8	3.2	0.8
954	7/10/2016 09:46:40	18.01	49.95	32.77	6.66	7.86	5.7	1.802	85.6	3.9	0.9
955	7/10/2016 10:01:40	18.15	49.84	32.69	6.66	7.86	5.9	1.757	85.8	3.0	0.7
956	7/10/2016 10:16:40	18.27	49.97	32.79	6.29	7.84	5.5	1.739	81.2	3.2	0.8
957	7/10/2016 10:31:40	18.34	49.95	32.77	6.35	7.84	5.3	1.708	82.1	3.3	0.8
958	7/10/2016 10:46:40	18.27	49.85	32.70	6.65	7.86	5.2	1.703	85.9	2.5	0.6
959	7/10/2016 11:01:39	18.18	49.80	32.66	6.76	7.86	5.1	1.731	87.1	3.9	0.9
960	7/10/2016 11:16:40	18.28	49.89	32.73	6.33	7.83	5.0	1.762	81.8	3.5	0.8
961	7/10/2016 11:31:40	18.23	49.82	32.68	6.34	7.83	5.3	1.790	81.8	4.1	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	7/10/2016 11:46:40	18.24	49.84	32.69	6.19	7.83	5.3	1.845	79.9	3.8	0.9
963	7/10/2016 12:01:40	18.18	49.75	32.62	6.14	7.82	5.7	1.906	79.1	4.0	0.9
964	7/10/2016 12:16:40	18.35	49.79	32.65	6.09	7.82	6.4	1.983	78.8	4.4	1.0
965	7/10/2016 12:31:40	18.13	49.83	32.68	6.00	7.81	6.2	2.042	77.3	3.2	0.8
966	7/10/2016 12:46:40	18.02	49.67	32.56	5.98	7.81	5.9	2.098	76.8	3.5	0.8
967	7/10/2016 13:01:40	17.89	49.83	32.68	5.97	7.80	5.5	2.191	76.5	3.3	0.8
968	7/10/2016 13:16:40	17.76	49.78	32.64	5.93	7.80	5.3	2.258	75.8	3.1	0.7
969	7/10/2016 13:31:40	17.61	49.73	32.61	5.81	7.79	5.6	2.332	74.0	3.3	0.8
970	7/10/2016 13:46:41	17.21	49.77	32.63	5.63	7.78	5.7	2.400	71.3	3.2	0.8
971	7/10/2016 14:01:41	16.96	49.70	32.58	5.75	7.79	5.1	2.481	72.3	3.1	0.7
972	7/10/2016 14:16:40	16.87	49.77	32.63	5.84	7.79	5.1	2.572	73.3	3.0	0.7
973	7/10/2016 14:31:40	16.78	49.74	32.60	5.89	7.80	5.2	2.638	73.9	3.3	0.8
974	7/10/2016 14:46:41	16.67	49.78	32.63	5.93	7.80	4.9	2.717	74.2	3.0	0.7
975	7/10/2016 15:01:41	16.54	49.72	32.59	6.02	7.81	5.4	2.794	75.2	2.2	0.5
976	7/10/2016 15:16:41	16.52	49.70	32.57	6.14	7.82	5.1	2.878	76.6	2.8	0.7
977	7/10/2016 15:31:40	16.22	49.56	32.46	6.23	7.83	5.9	2.945	77.2	3.1	0.7
978	7/10/2016 15:46:41	15.95	49.61	32.49	6.26	7.84	5.7	3.015	77.2	2.6	0.6
979	7/10/2016 16:01:40	15.59	49.59	32.47	6.72	7.88	6.6	3.107	82.2	2.4	0.6
980	7/10/2016 16:16:40	15.38	49.46	32.38	6.94	7.90	6.1	3.164	84.6	3.5	0.8
981	7/10/2016 16:31:41	15.00	49.59	32.46	7.19	7.92	5.6	3.231	87.0	3.9	0.9
982	7/10/2016 16:46:40	14.72	49.25	32.20	7.41	7.95	5.1	3.296	89.1	4.2	1.0
983	7/10/2016 17:01:41	14.41	49.48	32.36	7.72	7.98	4.7	3.348	92.3	4.1	1.0
984	7/10/2016 17:16:40	14.15	49.35	32.26	8.02	8.00	4.3	3.390	95.3	5.9	1.4
985	7/10/2016 17:31:40	14.02	49.45	32.34	8.08	8.01	3.4	3.421	95.8	5.0	1.2
986	7/10/2016 17:46:40	13.95	49.49	32.36	7.67	8.02	2.7	3.457	90.9	3.5	0.8
987	7/10/2016 18:01:40	13.89	49.35	32.26	7.25	8.01	2.1	3.453	85.6	4.4	1.0
988	7/10/2016 18:16:40	13.93	49.43	32.32	8.15	8.02	3.0	3.432	96.4	4.0	0.9
989	7/10/2016 18:31:41	14.04	49.52	32.38	8.10	8.02	4.1	3.402	96.0	3.1	0.7
990	7/10/2016 18:46:40	14.25	49.18	32.15	7.79	8.00	2.9	3.372	92.7	3.4	0.8
991	7/10/2016 19:01:40	15.01	49.43	32.35	7.14	7.95	4.1	3.312	86.4	3.0	0.7
992	7/10/2016 19:16:40	15.99	49.52	32.43	7.11	7.94	6.4	3.221	87.7	3.0	0.7
993	7/10/2016 19:31:40	15.92	49.41	32.35	7.46	7.96	6.4	3.163	91.8	3.1	0.7
994	7/10/2016 19:46:40	16.08	49.55	32.45	7.48	7.96	5.7	3.092	92.5	3.1	0.7
995	7/10/2016 20:01:40	16.68	49.52	32.44	7.45	7.95	6.1	3.011	93.2	3.5	0.8
996	7/10/2016 20:16:39	17.06	49.50	32.44	6.91	7.90	6.8	2.934	87.0	3.6	0.8
997	7/10/2016 20:31:40	17.23	49.66	32.55	6.71	7.89	7.2	2.856	84.9	2.8	0.7
998	7/10/2016 20:46:40	17.30	49.49	32.43	6.99	7.91	6.1	2.800	88.4	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	7/10/2016 21:01:39	17.47	49.50	32.43	6.30	7.87	5.9	2.722	80.0	3.7	0.9
1000	7/10/2016 21:16:39	17.17	49.44	32.39	6.89	7.91	5.7	2.651	86.9	3.5	0.8
1001	7/10/2016 21:31:40	17.43	49.63	32.53	6.85	7.91	6.0	2.576	87.0	4.8	1.1
1002	7/10/2016 21:46:40	17.52	49.69	32.58	6.61	7.90	6.1	2.521	84.0	3.5	0.8
1003	7/10/2016 22:01:40	17.78	49.59	32.51	6.48	7.88	6.5	2.459	82.8	4.4	1.0
1004	7/10/2016 22:16:39	17.86	49.65	32.55	6.50	7.88	6.3	2.372	83.2	4.3	1.0
1005	7/10/2016 22:31:40	18.16	49.73	32.61	6.53	7.88	5.8	2.334	84.1	4.2	1.0
1006	7/10/2016 22:46:40	18.21	49.76	32.63	6.65	7.88	6.4	2.275	85.7	4.8	1.1
1007	7/10/2016 23:01:40	18.37	49.57	32.49	6.80	7.89	5.6	2.223	87.9	4.5	1.1
1008	7/10/2016 23:16:40	18.71	49.64	32.54	6.81	7.89	5.4	2.193	88.6	4.7	1.1
1009	7/10/2016 23:31:40	18.82	49.74	32.62	6.67	7.89	5.3	2.167	87.0	4.5	1.1
1010	7/10/2016 23:46:40	19.00	49.73	32.61	5.87	7.88	4.8	2.169	76.8	4.4	1.0
1011	7/11/2016 00:01:40	19.13	49.71	32.60	4.78	7.84	5.0	2.162	62.7	4.3	1.0
1012	7/11/2016 00:16:40	19.15	49.65	32.55	6.49	7.88	5.1	2.176	85.1	5.2	1.2
1013	7/11/2016 00:31:39	19.06	49.58	32.50	6.66	7.88	5.1	2.207	87.2	4.7	1.1
1014	7/11/2016 00:46:40	19.02	49.58	32.50	6.52	7.87	5.3	2.235	85.3	4.7	1.1
1015	7/11/2016 01:01:39	18.94	49.39	32.36	6.46	7.87	5.1	2.285	84.4	4.2	1.0
1016	7/11/2016 01:16:40	18.71	49.69	32.58	6.37	7.86	5.3	2.343	82.9	4.7	1.1
1017	7/11/2016 01:31:40	18.93	49.66	32.56	6.36	7.87	6.7	2.392	83.2	3.9	0.9
1018	7/11/2016 01:46:40	18.87	49.65	32.56	6.36	7.87	6.3	2.446	83.0	4.2	1.0
1019	7/11/2016 02:01:40	18.63	49.58	32.50	6.27	7.86	5.6	2.498	81.4	3.8	0.9
1020	7/11/2016 02:16:39	18.45	49.55	32.48	6.14	7.85	5.2	2.553	79.5	3.9	0.9
1021	7/11/2016 02:31:40	18.16	49.61	32.52	6.01	7.84	4.8	2.595	77.4	3.6	0.8
1022	7/11/2016 02:46:40	17.67	49.58	32.50	5.59	7.84	4.5	2.639	71.2	3.3	0.8
1023	7/11/2016 03:01:40	17.36	49.61	32.51	5.82	7.85	4.5	2.703	73.7	3.5	0.8
1024	7/11/2016 03:16:40	17.05	49.49	32.42	5.70	7.84	4.2	2.736	71.8	2.8	0.7
1025	7/11/2016 03:31:40	16.78	49.59	32.49	5.58	7.85	4.0	2.779	69.9	3.3	0.8
1026	7/11/2016 03:46:40	16.53	49.53	32.44	5.76	7.86	3.7	2.825	71.8	3.8	0.9
1027	7/11/2016 04:01:41	16.30	49.58	32.48	6.10	7.87	3.6	2.874	75.8	3.0	0.7
1028	7/11/2016 04:16:40	16.24	49.49	32.42	6.17	7.87	3.3	2.909	76.5	2.8	0.7
1029	7/11/2016 04:31:40	16.17	49.47	32.40	6.06	7.87	3.2	2.940	75.0	3.4	0.8
1030	7/11/2016 04:46:40	16.10	49.37	32.32	5.93	7.87	3.2	2.983	73.2	3.0	0.7
1031	7/11/2016 05:01:40	16.04	49.59	32.48	6.00	7.88	3.2	3.011	74.1	3.1	0.7
1032	7/11/2016 05:16:40	15.85	49.50	32.42	5.56	7.88	3.0	3.036	68.4	2.3	0.5
1033	7/11/2016 05:31:40	15.72	49.49	32.40	5.25	7.89	2.9	3.052	64.4	3.2	0.7
1034	7/11/2016 05:46:40	15.89	49.54	32.44	5.08	7.87	3.5	3.051	62.5	2.9	0.7
1035	7/11/2016 06:01:41	15.70	49.50	32.41	6.00	7.89	3.1	3.042	73.7	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	7/11/2016 06:16:40	15.76	49.57	32.47	5.91	7.88	2.9	3.031	72.7	2.5	0.6
1037	7/11/2016 06:31:40	15.86	49.50	32.42	6.07	7.88	3.1	2.979	74.7	2.3	0.5
1038	7/11/2016 06:46:40	16.01	49.30	32.27	6.14	7.87	3.7	2.934	75.7	2.6	0.6
1039	7/11/2016 07:01:40	16.33	49.50	32.42	5.19	7.84	4.4	2.890	64.4	1.8	0.4
1040	7/11/2016 07:16:40	16.42	49.49	32.42	5.82	7.84	5.2	2.826	72.4	2.3	0.5
1041	7/11/2016 07:31:40	16.51	49.53	32.45	5.53	7.83	5.2	2.756	68.9	2.1	0.5
1042	7/11/2016 07:46:40	16.59	49.60	32.50	5.46	7.81	5.6	2.683	68.2	2.7	0.6
1043	7/11/2016 08:01:40	16.58	49.70	32.57	5.39	7.81	5.5	2.612	67.4	2.9	0.7
1044	7/11/2016 08:16:40	17.00	49.62	32.52	5.54	7.80	5.5	2.547	69.7	2.9	0.7
1045	7/11/2016 08:31:40	17.24	49.57	32.48	5.38	7.79	5.0	2.474	68.0	2.9	0.7
1046	7/11/2016 08:46:40	17.27	49.64	32.53	6.00	7.81	6.5	2.389	75.9	3.2	0.8
1047	7/11/2016 09:01:40	17.38	49.68	32.57	5.91	7.81	5.3	2.325	75.0	3.4	0.8
1048	7/11/2016 09:16:40	17.56	49.64	32.54	5.97	7.82	5.1	2.247	76.0	2.4	0.6
1049	7/11/2016 09:31:39	17.50	49.61	32.52	6.19	7.82	4.9	2.180	78.6	3.3	0.8
1050	7/11/2016 09:46:40	17.90	49.71	32.59	6.35	7.83	5.0	2.117	81.4	3.3	0.8
1051	7/11/2016 10:01:40	17.89	49.72	32.60	6.42	7.84	5.0	2.052	82.2	3.1	0.7
1052	7/11/2016 10:16:40	18.09	49.83	32.68	6.56	7.85	4.7	2.007	84.5	3.4	0.8
1053	7/11/2016 10:31:40	18.27	49.69	32.58	6.63	7.86	4.9	1.961	85.5	3.8	0.9
1054	7/11/2016 10:46:40	18.45	49.67	32.57	6.62	7.86	4.7	1.927	85.8	3.4	0.8
1055	7/11/2016 11:01:40	18.55	49.69	32.58	6.12	7.86	4.4	1.906	79.4	3.0	0.7
1056	7/11/2016 11:16:40	18.69	49.60	32.52	4.74	7.82	4.0	1.909	61.7	3.0	0.7
1057	7/11/2016 11:31:40	18.81	49.80	32.66	4.30	7.81	4.0	1.896	56.1	3.5	0.8
1058	7/11/2016 11:46:40	18.70	49.70	32.59	6.07	7.83	4.7	1.910	79.0	3.7	0.9
1059	7/11/2016 12:01:40	18.66	49.74	32.62	5.95	7.83	4.7	1.940	77.4	3.0	0.7
1060	7/11/2016 12:16:40	18.59	49.72	32.60	5.95	7.83	4.7	1.971	77.3	3.6	0.9
1061	7/11/2016 12:31:39	18.59	49.57	32.49	5.87	7.82	4.8	2.012	76.2	3.6	0.8
1062	7/11/2016 12:46:40	18.52	49.61	32.52	5.96	7.82	4.8	2.053	77.3	3.2	0.8
1063	7/11/2016 13:01:40	18.44	49.67	32.56	5.81	7.81	4.8	2.108	75.2	3.3	0.8
1064	7/11/2016 13:16:40	18.69	49.58	32.50	5.39	7.81	5.7	2.165	70.1	3.7	0.9
1065	7/11/2016 13:31:39	18.48	49.52	32.45	5.37	7.80	5.3	2.224	69.5	3.8	0.9
1066	7/11/2016 13:46:39	18.32	49.61	32.52	5.07	7.78	5.1	2.285	65.4	3.4	0.8
1067	7/11/2016 14:01:40	18.19	49.72	32.60	4.85	7.78	5.0	2.354	62.5	3.6	0.8
1068	7/11/2016 14:16:40	18.00	49.49	32.43	4.27	7.77	5.1	2.421	54.8	3.3	0.8
1069	7/11/2016 14:31:40	17.72	49.53	32.46	3.74	7.76	5.2	2.494	47.7	3.1	0.7
1070	7/11/2016 14:46:40	17.46	49.54	32.46	3.40	7.75	5.1	2.557	43.2	3.4	0.8
1071	7/11/2016 15:01:40	17.21	49.48	32.42	4.84	7.79	4.5	2.627	61.1	2.9	0.7
1072	7/11/2016 15:16:40	17.08	49.54	32.46	5.26	7.80	4.5	2.695	66.3	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	7/11/2016 15:31:40	16.90	49.54	32.46	5.17	7.80	4.5	2.767	64.9	3.3	0.8
1074	7/11/2016 15:46:40	16.69	49.59	32.49	5.57	7.82	4.6	2.834	69.7	2.8	0.7
1075	7/11/2016 16:01:40	16.36	49.52	32.44	5.87	7.84	5.1	2.902	73.0	2.6	0.6
1076	7/11/2016 16:16:40	16.32	49.46	32.39	6.36	7.86	5.0	2.978	78.9	3.4	0.8
1077	7/11/2016 16:31:40	16.11	49.43	32.37	6.55	7.88	4.8	3.042	81.0	3.0	0.7
1078	7/11/2016 16:46:40	15.60	49.38	32.32	6.95	7.91	5.9	3.116	85.0	3.9	0.9
1079	7/11/2016 17:01:40	15.33	49.17	32.17	7.20	7.93	5.1	3.189	87.5	3.0	0.7
1080	7/11/2016 17:16:40	15.18	49.28	32.24	7.31	7.94	4.7	3.239	88.7	2.9	0.7
1081	7/11/2016 17:31:40	14.92	49.16	32.15	7.48	7.95	4.4	3.296	90.3	3.9	0.9
1082	7/11/2016 17:46:40	14.70	49.39	32.31	7.59	7.96	4.0	3.358	91.2	3.1	0.7
1083	7/11/2016 18:01:40	14.45	49.34	32.27	7.68	7.97	3.7	3.389	91.8	3.6	0.9
1084	7/11/2016 18:16:40	14.19	49.42	32.32	7.74	7.98	3.5	3.413	92.1	3.4	0.8
1085	7/11/2016 18:31:40	14.10	49.43	32.32	6.87	7.98	2.3	3.440	81.6	2.2	0.5
1086	7/11/2016 18:46:40	14.14	49.14	32.11	7.50	7.97	2.9	3.436	89.1	3.4	0.8
1087	7/11/2016 19:01:39	14.27	49.20	32.16	7.70	7.97	3.2	3.421	91.6	2.8	0.7
1088	7/11/2016 19:16:40	14.52	49.42	32.33	7.59	7.97	3.3	3.395	90.8	2.0	0.5
1089	7/11/2016 19:31:40	14.81	49.32	32.26	7.47	7.96	3.7	3.341	90.0	3.0	0.7
1090	7/11/2016 19:46:40	15.27	49.33	32.28	7.32	7.95	4.1	3.289	89.0	2.8	0.6
1091	7/11/2016 20:01:40	15.75	49.42	32.35	7.27	7.95	5.6	3.215	89.2	2.9	0.7
1092	7/11/2016 20:16:40	15.95	49.33	32.29	7.40	7.95	6.5	3.151	91.2	3.3	0.8
1093	7/11/2016 20:31:40	15.94	49.41	32.35	7.35	7.94	6.0	3.078	90.5	2.8	0.7
1094	7/11/2016 20:46:40	16.00	49.43	32.37	7.26	7.93	6.1	2.993	89.6	3.4	0.8
1095	7/11/2016 21:01:40	16.85	49.45	32.40	7.10	7.91	7.6	2.927	89.0	3.8	0.9
1096	7/11/2016 21:16:40	17.10	49.40	32.36	7.02	7.91	6.2	2.865	88.5	3.7	0.9
1097	7/11/2016 21:31:40	17.53	49.63	32.53	6.86	7.89	6.9	2.791	87.2	4.4	1.0
1098	7/11/2016 21:46:40	17.68	49.47	32.41	6.81	7.88	6.6	2.710	86.8	4.5	1.1
1099	7/11/2016 22:01:40	17.91	49.60	32.51	6.79	7.88	6.7	2.648	87.0	4.2	1.0
1100	7/11/2016 22:16:40	17.60	49.51	32.44	7.01	7.90	6.4	2.584	89.2	4.0	1.0
1101	7/11/2016 22:31:40	17.70	49.56	32.48	7.03	7.91	6.8	2.501	89.7	4.4	1.0
1102	7/11/2016 22:46:40	17.64	49.48	32.43	6.97	7.91	7.4	2.438	88.8	4.4	1.0
1103	7/11/2016 23:01:40	17.92	49.57	32.49	6.77	7.89	7.1	2.358	86.8	5.5	1.3
1104	7/11/2016 23:16:40	17.71	49.59	32.50	6.69	7.88	7.8	2.289	85.3	5.0	1.2
1105	7/11/2016 23:31:40	18.16	49.61	32.52	6.68	7.88	7.5	2.240	86.0	5.2	1.2
1106	7/11/2016 23:46:40	18.13	49.68	32.57	6.67	7.88	7.2	2.160	85.8	5.2	1.2
1107	7/12/2016 00:01:40	18.51	49.65	32.55	6.68	7.88	7.4	2.122	86.6	5.5	1.3
1108	7/12/2016 00:16:39	18.79	49.61	32.52	6.69	7.88	7.0	2.097	87.1	6.4	1.5
1109	7/12/2016 00:31:40	18.92	49.65	32.55	6.51	7.89	7.0	2.061	85.0	5.4	1.3

sonde #1

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
1110	7/12/2016 00:46:39	18.93	49.70	32.59	5.21	7.86	5.1	2.048	68.1	5.6	1.3
1111	7/12/2016 01:01:39	19.21	49.66	32.56	4.24	7.85	4.6	2.056	55.7	6.0	1.4
1112	7/12/2016 01:16:39	19.28	49.64	32.55	6.60	7.88	6.5	2.071	86.8	5.9	1.4
1113	7/12/2016 01:31:39	19.27	49.78	32.65	6.66	7.89	6.4	2.080	87.6	6.1	1.4
1114	7/12/2016 01:46:40	19.21	49.73	32.61	6.56	7.88	6.2	2.126	86.2	5.3	1.2
1115	7/12/2016 02:01:39	19.09	49.70	32.59	6.52	7.88	6.2	2.172	85.4	5.2	1.2
1116	7/12/2016 02:16:40	18.97	49.72	32.61	6.49	7.87	6.3	2.211	84.9	5.5	1.3
1117	7/12/2016 02:31:40	19.02	49.68	32.57	6.32	7.87	6.3	2.261	82.7	5.0	1.2
1118	7/12/2016 02:46:40	19.10	49.68	32.57	6.24	7.87	6.8	2.313	81.8	5.4	1.3
1119	7/12/2016 03:01:40	19.00	49.72	32.60	6.27	7.86	6.3	2.369	82.0	4.9	1.2
1120	7/12/2016 03:16:40	18.76	49.64	32.54	6.28	7.85	5.7	2.406	81.7	4.9	1.2
1121	7/12/2016 03:31:40	18.67	49.63	32.53	6.27	7.85	5.4	2.447	81.5	4.5	1.1
1122	7/12/2016 03:46:40	18.54	49.60	32.51	6.29	7.84	5.1	2.513	81.6	4.9	1.2
1123	7/12/2016 04:01:40	18.08	49.64	32.54	6.28	7.84	5.1	2.531	80.7	3.6	0.8
1124	7/12/2016 04:16:40	17.83	49.62	32.52	6.27	7.84	4.5	2.571	80.2	4.4	1.0
1125	7/12/2016 04:31:40	17.54	49.49	32.43	6.34	7.84	4.2	2.632	80.6	3.8	0.9
1126	7/12/2016 04:46:40	17.31	49.49	32.43	6.40	7.84	4.4	2.666	81.1	3.7	0.9
1127	7/12/2016 05:01:40	17.11	49.66	32.55	6.52	7.85	4.3	2.696	82.3	3.5	0.8
1128	7/12/2016 05:16:40	16.89	49.54	32.46	6.60	7.86	3.8	2.742	82.8	3.0	0.7
1129	7/12/2016 05:31:40	16.74	49.56	32.47	6.65	7.86	3.6	2.785	83.3	3.5	0.8
1130	7/12/2016 05:46:40	16.61	49.49	32.42	6.71	7.87	3.6	2.813	83.8	3.4	0.8
1131	7/12/2016 06:01:40	16.55	49.59	32.49	6.69	7.87	3.4	2.840	83.5	3.1	0.7
1132	7/12/2016 06:16:40	16.53	49.43	32.38	6.70	7.87	3.3	2.873	83.5	2.8	0.7
1133	7/12/2016 06:31:40	16.51	49.56	32.47	6.44	7.85	2.7	2.884	80.3	2.3	0.5
1134	7/12/2016 06:46:40	16.50	49.48	32.41	5.85	7.82	2.5	2.899	72.9	1.9	0.4
1135	7/12/2016 07:01:40	16.49	49.43	32.37	6.33	7.85	3.2	2.890	78.8	2.3	0.5
1136	7/12/2016 07:16:40	16.49	49.46	32.40	6.43	7.85	3.4	2.881	80.1	2.4	0.6
1137	7/12/2016 07:31:40	16.48	49.55	32.46	6.43	7.85	3.2	2.865	80.1	1.9	0.4
1138	7/12/2016 07:46:40	16.65	49.37	32.33	6.36	7.85	3.5	2.831	79.4	2.7	0.6
1139	7/12/2016 08:01:40	17.20	49.61	32.51	6.12	7.82	5.0	2.782	77.3	2.6	0.6
1140	7/12/2016 08:16:40	17.13	49.48	32.42	6.16	7.83	4.2	2.741	77.8	2.9	0.7
1141	7/12/2016 08:31:40	17.32	49.54	32.47	6.07	7.82	5.3	2.686	76.9	2.7	0.6
1142	7/12/2016 08:46:40	17.39	49.65	32.54	6.09	7.81	6.4	2.630	77.2	2.7	0.6
1143	7/12/2016 09:01:40	17.51	49.60	32.51	5.84	7.78	6.0	2.565	74.2	3.8	0.9
1144	7/12/2016 09:16:40	17.67	49.70	32.59	6.20	7.81	5.9	2.509	79.1	3.4	0.8
1145	7/12/2016 09:31:40	17.99	49.72	32.60	6.32	7.83	5.7	2.452	81.2	4.3	1.0
1146	7/12/2016 09:46:40	18.14	49.74	32.61	6.35	7.83	5.6	2.385	81.7	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	7/12/2016 10:01:40	18.24	49.67	32.57	6.56	7.84	5.3	2.332	84.7	3.7	0.9
1148	7/12/2016 10:16:40	18.25	49.68	32.57	6.65	7.84	5.5	2.277	85.8	3.4	0.8
1149	7/12/2016 10:31:40	18.36	49.67	32.57	6.76	7.85	5.1	2.230	87.4	4.0	0.9
1150	7/12/2016 10:46:40	18.43	49.60	32.51	7.06	7.87	5.4	2.169	91.3	3.6	0.8
1151	7/12/2016 11:01:40	18.50	49.73	32.61	7.08	7.87	5.1	2.137	91.8	3.3	0.8
1152	7/12/2016 11:16:40	18.62	49.57	32.49	6.79	7.86	4.8	2.106	88.2	3.6	0.8
1153	7/12/2016 11:31:40	18.65	49.65	32.55	6.58	7.85	4.3	2.069	85.5	3.6	0.9
1154	7/12/2016 11:46:40	18.70	49.77	32.64	6.43	7.84	4.1	2.058	83.7	3.8	0.9
1155	7/12/2016 12:01:40	18.75	49.75	32.62	5.96	7.82	3.6	2.053	77.6	2.8	0.7
1156	7/12/2016 12:16:40	18.67	49.70	32.59	6.84	7.85	4.3	2.046	89.0	3.9	0.9
1157	7/12/2016 12:31:40	18.67	49.68	32.57	6.65	7.84	4.3	2.051	86.5	4.8	1.1
1158	7/12/2016 12:46:40	18.66	49.75	32.63	6.47	7.83	4.3	2.076	84.1	3.7	0.9
1159	7/12/2016 13:01:40	18.68	49.72	32.60	6.31	7.83	4.4	2.100	82.1	4.6	1.1
1160	7/12/2016 13:16:40	18.70	49.65	32.55	6.16	7.82	4.4	2.126	80.2	5.3	1.2
1161	7/12/2016 13:31:40	18.70	49.63	32.54	6.18	7.82	4.7	2.161	80.4	4.7	1.1
1162	7/12/2016 13:46:40	18.69	49.71	32.60	6.23	7.83	5.1	2.221	81.0	5.9	1.4
1163	7/12/2016 14:01:40	18.56	49.69	32.58	6.17	7.82	4.8	2.268	80.0	4.4	1.0
1164	7/12/2016 14:16:40	18.69	49.64	32.54	6.20	7.82	5.0	2.314	80.6	5.3	1.2
1165	7/12/2016 14:31:40	18.56	49.69	32.58	6.11	7.81	5.1	2.370	79.3	4.9	1.2
1166	7/12/2016 14:46:40	18.36	49.60	32.52	5.96	7.80	4.7	2.428	77.1	4.1	1.0
1167	7/12/2016 15:01:39	18.17	49.55	32.47	5.96	7.80	4.9	2.506	76.7	3.9	0.9
1168	7/12/2016 15:16:40	17.98	49.53	32.46	5.89	7.80	5.2	2.550	75.6	4.3	1.0
1169	7/12/2016 15:31:40	17.83	49.56	32.48	5.95	7.80	5.1	2.611	76.0	3.2	0.8
1170	7/12/2016 15:46:40	17.62	49.56	32.48	6.14	7.81	4.9	2.683	78.3	3.9	0.9
1171	7/12/2016 16:01:40	17.30	49.44	32.39	6.36	7.83	4.5	2.749	80.5	3.3	0.8
1172	7/12/2016 16:16:40	17.04	49.46	32.41	6.51	7.87	4.5	2.807	82.0	3.5	0.8
1173	7/12/2016 16:31:40	16.87	49.52	32.45	6.65	7.88	4.3	2.872	83.4	3.6	0.9
1174	7/12/2016 16:46:40	16.76	49.34	32.31	6.88	7.90	4.0	2.948	86.1	3.3	0.8
1175	7/12/2016 17:01:40	16.60	49.44	32.38	6.80	7.90	4.0	3.012	84.9	3.2	0.7
1176	7/12/2016 17:16:40	16.42	49.47	32.40	6.82	7.90	3.9	3.068	84.8	3.2	0.8
1177	7/12/2016 17:31:40	16.12	49.42	32.36	6.97	7.91	4.3	3.134	86.1	3.0	0.7
1178	7/12/2016 17:46:40	15.87	49.39	32.34	7.15	7.92	4.4	3.207	87.9	2.9	0.7
1179	7/12/2016 18:01:41	15.47	49.41	32.34	7.32	7.94	3.9	3.262	89.4	3.4	0.8
1180	7/12/2016 18:16:40	15.27	49.45	32.37	7.42	7.95	3.6	3.310	90.2	3.1	0.7
1181	7/12/2016 18:31:40	15.19	49.30	32.26	7.46	7.95	3.6	3.363	90.5	2.5	0.6
1182	7/12/2016 18:46:40	15.07	49.36	32.30	7.47	7.95	3.4	3.412	90.5	2.5	0.6
1183	7/12/2016 19:01:40	14.92	49.45	32.36	7.45	7.95	2.6	3.427	90.0	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	7/12/2016 19:16:40	14.79	49.46	32.36	7.02	7.92	2.1	3.440	84.6	1.5	0.4
1185	7/12/2016 19:31:40	14.77	49.50	32.39	7.52	7.95	2.7	3.451	90.5	2.5	0.6
1186	7/12/2016 19:46:40	14.85	49.36	32.29	7.48	7.95	3.0	3.430	90.2	1.9	0.5
1187	7/12/2016 20:01:40	14.96	49.45	32.36	7.45	7.95	2.8	3.398	90.0	2.1	0.5
1188	7/12/2016 20:16:40	15.28	49.23	32.21	7.35	7.93	5.1	3.357	89.3	2.6	0.6
1189	7/12/2016 20:31:40	15.71	49.39	32.34	7.06	7.91	9.2	3.313	86.6	3.1	0.7
1190	7/12/2016 20:46:40	15.57	49.34	32.29	7.07	7.91	13.3	3.254	86.4	4.1	1.0
1191	7/12/2016 21:01:40	15.40	49.34	32.29	7.09	7.91	16.1	3.178	86.4	4.8	1.1
1192	7/12/2016 21:16:40	15.38	49.25	32.22	6.94	7.90	16.7	3.115	84.5	6.0	1.4
1193	7/12/2016 21:31:40	15.42	49.35	32.30	6.72	7.89	14.7	3.044	81.9	4.5	1.1
1194	7/12/2016 21:46:40	15.79	49.29	32.26	6.76	7.89	13.8	2.971	83.1	4.6	1.1
1195	7/12/2016 22:01:40	16.11	49.28	32.26	6.76	7.89	13.2	2.896	83.6	5.0	1.2
1196	7/12/2016 22:16:40	16.39	49.44	32.38	6.88	7.89	13.0	2.813	85.5	5.3	1.2
1197	7/12/2016 22:31:40	16.50	49.31	32.29	6.90	7.88	12.1	2.745	85.9	5.3	1.2
1198	7/12/2016 22:46:40	16.71	49.53	32.45	6.81	7.87	11.8	2.665	85.2	5.1	1.2
1199	7/12/2016 23:01:40	16.91	49.45	32.40	6.53	7.85	12.5	2.589	82.0	5.1	1.2
1200	7/12/2016 23:16:40	17.57	49.51	32.44	6.49	7.86	13.5	2.488	82.6	5.7	1.3
1201	7/12/2016 23:31:40	17.69	49.54	32.47	6.45	7.85	12.6	2.430	82.2	5.7	1.3
1202	7/12/2016 23:46:40	17.73	49.62	32.53	6.47	7.86	13.8	2.348	82.7	5.8	1.4
1203	7/13/2016 00:01:40	18.16	49.55	32.47	6.49	7.86	13.7	2.255	83.5	6.5	1.5
1204	7/13/2016 00:16:40	17.96	49.62	32.52	6.31	7.85	12.7	2.173	81.0	5.7	1.3
1205	7/13/2016 00:31:40	18.36	49.33	32.32	6.40	7.87	13.1	2.113	82.5	7.0	1.6
1206	7/13/2016 00:46:40	18.28	49.39	32.36	6.11	7.86	11.6	2.060	78.8	6.5	1.5
1207	7/13/2016 01:01:40	18.65	49.63	32.54	6.23	7.87	12.6	2.006	81.0	7.1	1.7
1208	7/13/2016 01:16:40	19.06	49.60	32.52	6.28	7.88	13.6	1.956	82.2	7.2	1.7
1209	7/13/2016 01:31:40	19.13	49.60	32.51	6.08	7.88	12.3	1.943	79.7	7.0	1.7
1210	7/13/2016 01:46:40	19.28	49.60	32.51	3.99	7.87	9.2	1.939	52.4	7.7	1.8
1211	7/13/2016 02:01:40	19.38	49.61	32.52	3.70	7.86	10.0	1.927	48.7	7.4	1.7
1212	7/13/2016 02:16:39	19.50	49.62	32.53	4.97	7.88	13.5	1.936	65.6	7.7	1.8
1213	7/13/2016 02:31:39	19.46	49.64	32.55	4.88	7.88	13.6	1.968	64.4	7.3	1.7
1214	7/13/2016 02:46:39	19.36	49.61	32.52	5.80	7.88	13.7	2.016	76.4	7.4	1.7
1215	7/13/2016 03:01:40	19.31	49.69	32.58	5.80	7.88	12.5	2.045	76.4	7.7	1.8
1216	7/13/2016 03:16:40	19.20	49.62	32.53	5.74	7.87	11.9	2.081	75.4	6.9	1.6
1217	7/13/2016 03:31:39	19.17	49.67	32.57	6.06	7.87	10.4	2.142	79.6	6.9	1.6
1218	7/13/2016 03:46:40	19.26	49.66	32.56	5.94	7.87	10.1	2.188	78.1	6.2	1.5
1219	7/13/2016 04:01:40	19.11	49.75	32.63	6.25	7.86	9.6	2.234	82.0	5.8	1.4
1220	7/13/2016 04:16:40	18.83	49.75	32.62	6.46	7.86	9.4	2.272	84.2	6.1	1.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	7/13/2016 04:31:40	18.73	49.74	32.61	6.42	7.85	9.3	2.327	83.6	5.7	1.3
1222	7/13/2016 04:46:39	18.61	49.62	32.53	6.48	7.85	9.2	2.382	84.2	5.6	1.3
1223	7/13/2016 05:01:40	18.43	49.67	32.57	6.49	7.84	8.4	2.423	84.0	5.6	1.3
1224	7/13/2016 05:16:40	18.14	49.76	32.63	6.43	7.84	12.7	2.470	82.8	5.3	1.3
1225	7/13/2016 05:31:40	17.96	49.64	32.54	6.49	7.84	7.3	2.513	83.2	4.8	1.1
1226	7/13/2016 05:46:40	17.69	49.62	32.53	6.57	7.85	6.7	2.565	83.8	4.6	1.1
1227	7/13/2016 06:01:40	17.59	49.56	32.48	6.57	7.85	6.1	2.604	83.7	4.2	1.0
1228	7/13/2016 06:16:40	17.41	49.50	32.43	6.63	7.85	5.6	2.638	84.0	4.1	1.0
1229	7/13/2016 06:31:40	17.27	49.55	32.47	6.65	7.85	5.1	2.684	84.1	3.2	0.7
1230	7/13/2016 06:46:40	17.22	49.58	32.49	6.61	7.85	5.0	2.713	83.6	3.1	0.7
1231	7/13/2016 07:01:40	17.13	49.61	32.51	6.67	7.85	5.0	2.754	84.1	3.3	0.8
1232	7/13/2016 07:16:40	17.06	49.51	32.44	6.66	7.85	4.7	2.774	83.9	3.9	0.9
1233	7/13/2016 07:31:40	17.08	49.47	32.41	6.51	7.84	4.7	2.792	82.0	3.7	0.9
1234	7/13/2016 07:46:40	17.08	49.57	32.48	6.47	7.84	4.3	2.830	81.6	3.2	0.8
1235	7/13/2016 08:01:40	17.01	49.66	32.55	6.10	7.80	3.1	2.824	76.8	2.3	0.6
1236	7/13/2016 08:16:40	17.01	49.52	32.45	6.41	7.84	4.3	2.826	80.6	2.8	0.7
1237	7/13/2016 08:31:40	16.97	49.55	32.47	6.44	7.84	4.0	2.821	80.9	2.5	0.6
1238	7/13/2016 08:46:40	16.96	49.35	32.32	6.39	7.83	4.2	2.820	80.3	2.3	0.5
1239	7/13/2016 09:01:40	16.98	49.51	32.44	6.35	7.83	3.7	2.777	79.8	3.2	0.7
1240	7/13/2016 09:16:40	17.13	49.49	32.43	6.37	7.83	4.2	2.737	80.4	2.6	0.6
1241	7/13/2016 09:31:40	17.48	49.56	32.48	6.34	7.83	5.9	2.713	80.5	2.6	0.6
1242	7/13/2016 09:46:40	17.55	49.59	32.50	6.32	7.83	5.7	2.654	80.4	2.9	0.7
1243	7/13/2016 10:01:40	17.74	49.61	32.52	6.31	7.82	5.8	2.608	80.6	2.8	0.7
1244	7/13/2016 10:16:40	17.95	49.64	32.54	6.33	7.82	7.0	2.550	81.2	3.2	0.7
1245	7/13/2016 10:31:40	18.03	49.76	32.63	6.48	7.83	6.7	2.507	83.3	3.4	0.8
1246	7/13/2016 10:46:40	18.10	49.80	32.66	6.75	7.84	7.1	2.458	86.9	3.7	0.9
1247	7/13/2016 11:01:40	18.22	49.73	32.61	6.70	7.84	6.7	2.397	86.4	3.9	0.9
1248	7/13/2016 11:16:40	18.32	49.69	32.58	6.72	7.84	6.5	2.353	86.8	4.3	1.0
1249	7/13/2016 11:31:40	18.44	49.69	32.58	6.79	7.84	6.2	2.315	87.9	3.5	0.8
1250	7/13/2016 11:46:40	18.49	49.67	32.56	6.44	7.82	5.8	2.268	83.5	3.5	0.8
1251	7/13/2016 12:01:40	18.54	49.69	32.58	6.74	7.84	5.6	2.228	87.5	3.8	0.9
1252	7/13/2016 12:16:40	18.64	49.68	32.57	6.56	7.83	5.1	2.218	85.3	3.7	0.9
1253	7/13/2016 12:31:40	18.71	49.69	32.58	5.78	7.79	3.9	2.184	75.3	2.6	0.6
1254	7/13/2016 12:46:40	18.90	49.70	32.59	6.16	7.81	4.0	2.168	80.5	3.6	0.9
1255	7/13/2016 13:01:40	18.86	49.75	32.63	6.76	7.83	7.1	2.163	88.2	4.7	1.1
1256	7/13/2016 13:16:40	18.79	49.71	32.60	6.62	7.82	6.3	2.156	86.2	4.2	1.0
1257	7/13/2016 13:31:40	18.74	49.72	32.60	6.55	7.83	5.6	2.182	85.3	5.3	1.2

sonde #1

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	7/13/2016 13:46:40	18.78	49.74	32.62	6.43	7.83	5.1	2.183	83.8	5.7	1.3
1259	7/13/2016 14:01:40	18.88	49.72	32.60	6.56	7.83	5.8	2.205	85.6	6.3	1.5
1260	7/13/2016 14:16:40	18.84	49.77	32.64	6.41	7.83	5.9	2.253	83.7	5.5	1.3
1261	7/13/2016 14:31:40	18.75	49.73	32.61	6.34	7.83	6.1	2.286	82.6	5.2	1.2
1262	7/13/2016 14:46:40	18.64	49.72	32.60	6.38	7.82	6.3	2.314	82.9	5.5	1.3
1263	7/13/2016 15:01:40	18.82	49.67	32.56	6.57	7.84	6.5	2.368	85.7	6.7	1.6
1264	7/13/2016 15:16:40	18.61	49.72	32.60	6.49	7.83	6.6	2.431	84.2	5.7	1.4
1265	7/13/2016 15:31:40	18.39	49.63	32.54	6.42	7.82	5.7	2.477	83.0	4.8	1.1
1266	7/13/2016 15:46:40	18.17	49.51	32.45	6.44	7.83	5.3	2.527	82.9	4.6	1.1
1267	7/13/2016 16:01:40	18.04	49.66	32.55	6.36	7.82	5.4	2.594	81.8	4.5	1.1
1268	7/13/2016 16:16:40	17.75	49.54	32.47	6.48	7.83	5.8	2.661	82.8	7.3	1.7
1269	7/13/2016 16:31:40	17.46	49.53	32.46	6.54	7.83	5.4	2.711	83.1	3.8	0.9
1270	7/13/2016 16:46:40	17.17	49.49	32.43	6.51	7.83	5.0	2.770	82.2	3.7	0.9
1271	7/13/2016 17:01:40	16.90	49.57	32.48	6.65	7.84	5.0	2.846	83.5	3.5	0.8
1272	7/13/2016 17:16:40	16.68	49.55	32.46	6.78	7.86	5.1	2.906	84.8	3.5	0.8
1273	7/13/2016 17:31:40	16.62	49.44	32.38	7.01	7.88	4.8	2.961	87.5	3.5	0.8
1274	7/13/2016 17:46:40	16.53	49.41	32.36	7.05	7.88	4.5	3.031	87.9	3.5	0.8
1275	7/13/2016 18:01:40	16.29	49.36	32.32	7.02	7.88	4.5	3.097	87.1	3.5	0.8
1276	7/13/2016 18:16:40	16.00	49.51	32.43	7.14	7.88	5.3	3.162	88.1	3.3	0.8
1277	7/13/2016 18:31:40	15.80	49.29	32.26	7.27	7.89	5.0	3.218	89.3	3.1	0.7
1278	7/13/2016 18:46:40	15.45	49.35	32.30	7.44	7.91	4.8	3.279	90.7	3.1	0.7
1279	7/13/2016 19:01:40	15.31	49.25	32.22	7.51	7.92	4.8	3.338	91.3	3.3	0.8
1280	7/13/2016 19:16:40	15.20	49.42	32.34	7.51	7.92	3.9	3.378	91.2	3.6	0.8
1281	7/13/2016 19:31:40	15.09	49.36	32.30	7.55	7.93	3.8	3.414	91.5	3.0	0.7
1282	7/13/2016 19:46:40	15.04	49.43	32.35	7.49	7.92	2.8	3.440	90.7	2.5	0.6
1283	7/13/2016 20:01:40	15.01	49.36	32.29	7.29	7.90	2.0	3.466	88.2	2.1	0.5
1284	7/13/2016 20:16:40	15.01	49.25	32.21	7.16	7.88	3.1	3.464	86.5	2.4	0.6
1285	7/13/2016 20:31:40	15.00	49.28	32.24	7.42	7.93	3.4	3.447	89.7	2.2	0.5
1286	7/13/2016 20:46:40	15.06	49.32	32.27	7.42	7.93	2.8	3.434	89.8	2.3	0.5
1287	7/13/2016 21:01:40	15.12	49.28	32.24	7.32	7.92	3.4	3.391	88.6	2.4	0.6
1288	7/13/2016 21:16:40	15.74	49.34	32.30	7.04	7.91	4.7	3.333	86.3	3.7	0.9
1289	7/13/2016 21:31:40	16.79	49.50	32.43	6.77	7.88	7.6	3.271	84.8	3.8	0.9
1290	7/13/2016 21:46:40	16.18	49.53	32.44	7.23	7.91	5.9	3.199	89.6	3.9	0.9
1291	7/13/2016 22:01:40	17.13	49.47	32.41	7.29	7.91	9.0	3.131	91.9	4.5	1.1
1292	7/13/2016 22:16:40	17.24	49.53	32.45	7.19	7.90	6.3	3.052	90.9	4.8	1.1
1293	7/13/2016 22:31:40	17.18	49.47	32.41	7.16	7.90	6.5	2.963	90.4	4.3	1.0
1294	7/13/2016 22:46:40	17.44	49.41	32.37	6.94	7.88	6.4	2.888	88.1	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	7/13/2016 23:01:40	17.71	49.47	32.41	6.79	7.87	6.6	2.812	86.6	5.3	1.3
1296	7/13/2016 23:16:40	17.94	49.57	32.49	6.70	7.86	7.0	2.727	85.8	5.1	1.2
1297	7/13/2016 23:31:40	17.96	49.60	32.51	6.48	7.84	6.2	2.638	83.1	5.2	1.2
1298	7/13/2016 23:46:40	18.31	49.67	32.57	6.52	7.85	8.0	2.552	84.2	5.6	1.3
1299	7/14/2016 00:01:40	18.25	49.65	32.55	6.41	7.83	6.8	2.466	82.7	5.6	1.3
1300	7/14/2016 00:16:40	18.30	49.52	32.45	6.46	7.84	7.4	2.376	83.4	5.4	1.3
1301	7/14/2016 00:31:40	18.75	49.64	32.54	6.55	7.85	7.4	2.282	85.2	6.3	1.5
1302	7/14/2016 00:46:40	18.90	49.75	32.62	6.57	7.86	7.2	2.193	85.8	6.7	1.6
1303	7/14/2016 01:01:40	19.09	49.72	32.60	6.59	7.86	6.8	2.114	86.4	6.1	1.4
1304	7/14/2016 01:16:39	19.33	49.78	32.65	6.60	7.86	6.5	2.026	86.9	6.3	1.5
1305	7/14/2016 01:31:40	19.32	49.86	32.71	6.60	7.86	6.7	1.950	86.9	6.4	1.5
1306	7/14/2016 01:46:40	19.57	49.75	32.63	6.60	7.86	5.9	1.902	87.3	6.2	1.5
1307	7/14/2016 02:01:39	19.57	49.75	32.63	6.58	7.86	5.7	1.843	87.1	6.8	1.6
1308	7/14/2016 02:16:40	19.70	49.82	32.67	6.58	7.87	5.4	1.795	87.3	6.6	1.6
1309	7/14/2016 02:31:39	19.87	49.74	32.62	6.44	7.86	4.7	1.788	85.6	6.0	1.4
1310	7/14/2016 02:46:39	19.89	49.75	32.63	5.67	7.81	4.1	1.774	75.5	4.9	1.2
1311	7/14/2016 03:01:39	19.86	49.79	32.65	6.44	7.86	4.8	1.778	85.6	6.8	1.6
1312	7/14/2016 03:16:39	19.74	49.79	32.65	6.64	7.86	5.0	1.802	88.1	6.3	1.5
1313	7/14/2016 03:31:39	19.65	49.76	32.64	6.59	7.86	5.1	1.836	87.3	19.5	4.6
1314	7/14/2016 03:46:39	19.71	49.68	32.58	6.50	7.86	5.1	1.867	86.2	5.5	1.3
1315	7/14/2016 04:01:40	19.67	49.63	32.54	6.42	7.85	5.0	1.912	85.0	5.9	1.4
1316	7/14/2016 04:16:39	19.62	49.59	32.51	6.32	7.85	4.8	1.970	83.6	5.9	1.4
1317	7/14/2016 04:31:40	19.76	49.52	32.46	6.13	7.85	5.7	2.011	81.3	5.6	1.3
1318	7/14/2016 04:46:40	19.85	49.63	32.54	6.04	7.86	6.2	2.075	80.3	5.3	1.2
1319	7/14/2016 05:01:40	19.78	49.63	32.54	6.08	7.86	5.7	2.116	80.6	5.4	1.3
1320	7/14/2016 05:16:39	19.66	49.69	32.58	5.97	7.85	5.3	2.164	79.1	5.4	1.3
1321	7/14/2016 05:31:39	19.49	49.61	32.52	6.07	7.85	5.3	2.233	80.1	5.2	1.2
1322	7/14/2016 05:46:40	19.36	49.58	32.50	6.05	7.84	5.5	2.279	79.7	4.7	1.1
1323	7/14/2016 06:01:40	19.06	49.55	32.48	5.88	7.83	5.0	2.323	76.9	4.3	1.0
1324	7/14/2016 06:16:40	18.66	49.54	32.47	6.02	7.83	5.7	2.389	78.2	4.6	1.1
1325	7/14/2016 06:31:40	18.33	49.34	32.33	5.78	7.82	4.9	2.437	74.5	3.5	0.8
1326	7/14/2016 06:46:40	17.96	49.60	32.51	6.29	7.83	4.6	2.482	80.6	3.6	0.8
1327	7/14/2016 07:01:40	17.76	49.61	32.52	6.36	7.83	4.7	2.542	81.2	3.4	0.8
1328	7/14/2016 07:16:40	17.65	49.57	32.49	6.39	7.84	4.6	2.585	81.5	3.2	0.8
1329	7/14/2016 07:31:40	17.56	49.67	32.56	6.43	7.84	4.2	2.634	81.8	3.6	0.8
1330	7/14/2016 07:46:40	17.41	49.49	32.43	6.47	7.84	4.1	2.667	82.0	3.4	0.8
1331	7/14/2016 08:01:40	17.48	49.42	32.37	6.26	7.83	4.0	2.709	79.5	3.0	0.7

sonde #1

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	7/14/2016 08:16:40	17.41	49.37	32.34	6.20	7.82	3.9	2.756	78.7	2.5	0.6
1333	7/14/2016 08:31:40	17.26	49.42	32.38	6.37	7.83	3.7	2.780	80.6	3.1	0.7
1334	7/14/2016 08:46:40	17.27	49.47	32.41	6.23	7.82	3.4	2.799	78.9	3.0	0.7
1335	7/14/2016 09:01:40	17.17	49.39	32.36	6.06	7.81	3.5	2.832	76.4	2.8	0.7
1336	7/14/2016 09:16:40	17.13	49.55	32.47	5.71	7.79	3.1	2.840	72.1	2.3	0.5
1337	7/14/2016 09:31:40	17.13	49.47	32.41	5.58	7.75	4.4	2.857	70.4	2.7	0.6
1338	7/14/2016 09:46:40	17.00	49.50	32.43	6.06	7.82	3.7	2.829	76.2	2.8	0.7
1339	7/14/2016 10:01:40	17.01	49.52	32.44	6.06	7.82	3.7	2.832	76.2	2.0	0.5
1340	7/14/2016 10:16:40	17.09	49.41	32.36	6.04	7.82	3.4	2.817	76.2	2.0	0.5
1341	7/14/2016 10:31:40	17.18	49.45	32.39	6.02	7.81	3.7	2.771	76.0	2.5	0.6
1342	7/14/2016 10:46:40	17.29	49.28	32.27	6.11	7.82	4.6	2.734	77.2	3.1	0.7
1343	7/14/2016 11:01:40	17.47	49.52	32.45	6.27	7.83	4.8	2.684	79.6	2.9	0.7
1344	7/14/2016 11:16:40	17.71	49.53	32.46	6.50	7.84	5.1	2.655	82.9	3.2	0.8
1345	7/14/2016 11:31:40	17.85	49.54	32.47	6.65	7.85	5.3	2.593	85.0	2.5	0.6
1346	7/14/2016 11:46:40	18.06	49.59	32.50	6.95	7.86	5.7	2.532	89.3	3.5	0.8
1347	7/14/2016 12:01:39	18.21	49.55	32.48	6.94	7.86	5.6	2.493	89.4	3.8	0.9
1348	7/14/2016 12:16:40	18.44	49.71	32.60	7.06	7.87	5.3	2.448	91.4	3.9	0.9
1349	7/14/2016 12:31:40	18.58	49.64	32.55	6.79	7.86	5.0	2.395	88.1	3.8	0.9
1350	7/14/2016 12:46:40	18.69	49.65	32.55	7.15	7.88	4.8	2.351	93.0	3.8	0.9
1351	7/14/2016 13:01:40	18.88	49.65	32.56	7.40	7.90	4.9	2.324	96.6	3.6	0.8
1352	7/14/2016 13:16:40	18.96	49.73	32.61	7.27	7.89	5.3	2.286	95.1	4.5	1.1
1353	7/14/2016 13:31:40	19.01	49.70	32.59	7.04	7.87	4.5	2.263	92.1	3.4	0.8
1354	7/14/2016 13:46:40	19.08	49.74	32.61	6.59	7.84	3.3	2.258	86.4	2.8	0.7
1355	7/14/2016 14:01:40	19.11	49.75	32.62	7.12	7.87	5.0	2.249	93.3	4.0	0.9
1356	7/14/2016 14:16:40	18.87	49.69	32.58	7.05	7.87	4.2	2.244	92.0	3.2	0.8
1357	7/14/2016 14:31:39	18.91	49.54	32.47	6.79	7.86	4.3	2.260	88.6	4.5	1.1
1358	7/14/2016 14:46:40	19.11	49.64	32.55	6.80	7.86	4.4	2.286	89.2	5.3	1.3
1359	7/14/2016 15:01:40	18.98	49.70	32.59	6.67	7.85	4.7	2.312	87.2	4.8	1.1
1360	7/14/2016 15:16:40	18.84	49.72	32.61	6.48	7.84	4.2	2.326	84.5	4.4	1.0
1361	7/14/2016 15:31:40	18.67	49.68	32.58	6.49	7.83	4.7	2.378	84.3	4.6	1.1
1362	7/14/2016 15:46:40	18.71	49.64	32.54	6.61	7.84	4.5	2.422	86.0	5.6	1.3
1363	7/14/2016 16:01:40	18.56	49.64	32.54	6.52	7.84	4.3	2.462	84.5	5.1	1.2
1364	7/14/2016 16:16:40	18.43	49.64	32.54	6.52	7.84	4.7	2.514	84.3	5.5	1.3
1365	7/14/2016 16:31:40	18.28	49.56	32.49	6.47	7.83	4.5	2.570	83.4	4.9	1.2
1366	7/14/2016 16:46:40	18.11	49.62	32.53	6.52	7.83	4.5	2.626	83.8	4.6	1.1
1367	7/14/2016 17:01:40	17.90	49.64	32.54	6.39	7.83	4.2	2.669	81.8	4.2	1.0
1368	7/14/2016 17:16:40	17.63	49.62	32.52	6.45	7.83	4.2	2.737	82.2	4.3	1.0

sonde #1

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	7/14/2016 17:31:40	17.23	49.49	32.42	6.50	7.83	4.2	2.790	82.1	4.4	1.0
1370	7/14/2016 17:46:40	16.97	49.53	32.45	6.54	7.84	4.2	2.858	82.2	3.8	0.9
1371	7/14/2016 18:01:40	16.69	49.50	32.43	6.64	7.84	4.1	2.923	83.0	3.6	0.9
1372	7/14/2016 18:16:40	16.54	49.41	32.36	6.80	7.86	3.9	2.972	84.8	3.9	0.9
1373	7/14/2016 18:31:40	16.42	49.53	32.45	6.87	7.86	3.6	3.044	85.4	3.9	0.9
1374	7/14/2016 18:46:40	16.35	49.38	32.34	6.90	7.87	4.0	3.120	85.6	3.3	0.8
1375	7/14/2016 19:01:40	16.06	49.38	32.33	6.95	7.87	4.3	3.173	85.8	3.5	0.8
1376	7/14/2016 19:16:40	15.89	49.37	32.32	7.08	7.88	4.7	3.231	87.1	3.5	0.8
1377	7/14/2016 19:31:40	15.57	49.46	32.38	7.17	7.89	4.1	3.306	87.7	3.1	0.7
1378	7/14/2016 19:46:40	15.36	49.42	32.34	7.37	7.91	4.1	3.358	89.7	3.2	0.8
1379	7/14/2016 20:01:40	15.16	49.43	32.35	7.35	7.91	4.2	3.389	89.1	2.6	0.6
1380	7/14/2016 20:16:40	15.03	49.38	32.31	7.36	7.91	3.2	3.443	89.1	2.8	0.7
1381	7/14/2016 20:31:40	14.82	49.53	32.42	7.34	7.91	2.9	3.480	88.5	2.5	0.6
1382	7/14/2016 20:46:40	14.81	49.44	32.35	7.12	7.88	2.3	3.488	85.7	2.7	0.6
1383	7/14/2016 21:01:40	14.69	49.44	32.35	6.86	7.87	2.5	3.486	82.4	1.8	0.4
1384	7/14/2016 21:16:40	14.74	49.45	32.35	7.22	7.90	3.5	3.480	86.9	2.4	0.6
1385	7/14/2016 21:31:40	14.75	49.49	32.39	7.21	7.90	4.5	3.462	86.8	2.6	0.6
1386	7/14/2016 21:46:41	14.89	49.51	32.40	7.22	7.90	3.2	3.410	87.1	2.5	0.6
1387	7/14/2016 22:01:40	16.25	49.35	32.31	6.77	7.88	7.9	3.357	83.8	3.5	0.8
1388	7/14/2016 22:16:40	16.65	49.50	32.42	6.36	7.84	9.4	3.298	79.5	3.6	0.9
1389	7/14/2016 22:31:41	15.87	49.61	32.50	6.74	7.86	5.7	3.228	83.0	3.2	0.8
1390	7/14/2016 22:46:40	16.41	49.34	32.30	7.03	7.88	5.7	3.152	87.3	3.3	0.8
1391	7/14/2016 23:01:40	16.90	49.47	32.41	6.91	7.88	5.1	3.067	86.8	3.8	0.9
1392	7/14/2016 23:16:40	17.08	49.48	32.41	6.77	7.87	6.4	2.981	85.3	3.7	0.9
1393	7/14/2016 23:31:40	17.29	49.51	32.44	6.64	7.85	5.9	2.914	84.1	4.4	1.0
1394	7/14/2016 23:46:40	17.43	49.49	32.43	6.62	7.86	5.7	2.833	84.1	3.6	0.9
1395	7/15/2016 00:01:40	17.70	49.56	32.48	6.47	7.84	5.4	2.723	82.5	4.5	1.1
1396	7/15/2016 00:16:40	18.02	49.64	32.54	6.39	7.83	6.7	2.636	82.1	3.9	0.9
1397	7/15/2016 00:31:40	17.81	49.58	32.50	6.16	7.81	5.8	2.558	78.7	3.7	0.9
1398	7/15/2016 00:46:40	18.05	49.56	32.49	6.27	7.82	7.1	2.454	80.5	4.2	1.0
1399	7/15/2016 01:01:39	17.83	49.61	32.52	6.20	7.81	8.8	2.348	79.4	4.1	1.0
1400	7/15/2016 01:16:40	18.42	49.63	32.54	6.42	7.84	8.3	2.260	83.1	4.3	1.0
1401	7/15/2016 01:31:40	18.79	49.74	32.62	6.50	7.85	7.3	2.168	84.7	4.7	1.1
1402	7/15/2016 01:46:40	18.83	49.70	32.59	6.47	7.85	7.2	2.069	84.3	4.3	1.0
1403	7/15/2016 02:01:40	19.08	49.76	32.63	6.53	7.85	6.8	1.969	85.5	4.3	1.0
1404	7/15/2016 02:16:40	18.84	49.83	32.68	6.39	7.84	6.8	1.893	83.4	4.4	1.0
1405	7/15/2016 02:31:39	19.08	49.64	32.55	6.45	7.84	6.2	1.813	84.4	4.0	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1406	7/15/2016 02:46:40	19.14	49.89	32.73	6.41	7.84	5.9	1.734	84.2	4.1	1.0
1407	7/15/2016 03:01:40	19.52	49.83	32.68	6.51	7.85	6.5	1.689	86.1	3.8	0.9
1408	7/15/2016 03:16:39	19.70	49.84	32.69	6.52	7.85	5.9	1.659	86.5	4.0	0.9
1409	7/15/2016 03:31:39	19.90	49.76	32.63	6.18	7.84	4.6	1.630	82.2	4.0	0.9
1410	7/15/2016 03:46:39	19.97	49.79	32.66	5.70	7.81	3.8	1.628	76.0	3.0	0.7
1411	7/15/2016 04:01:39	19.88	49.78	32.65	6.59	7.86	4.8	1.645	87.6	4.2	1.0
1412	7/15/2016 04:16:39	19.77	49.80	32.66	6.62	7.86	5.1	1.682	87.9	3.9	0.9
1413	7/15/2016 04:31:39	19.71	49.85	32.70	6.59	7.86	4.9	1.705	87.5	3.7	0.9
1414	7/15/2016 04:46:39	19.67	49.78	32.64	6.59	7.86	4.7	1.741	87.3	4.1	1.0
1415	7/15/2016 05:01:39	19.62	49.81	32.67	6.55	7.86	5.0	1.827	86.8	3.8	0.9
1416	7/15/2016 05:16:39	19.65	49.78	32.65	6.41	7.85	5.6	1.875	84.9	4.1	1.0
1417	7/15/2016 05:31:39	19.82	49.75	32.63	6.18	7.85	6.8	1.920	82.1	3.9	0.9
1418	7/15/2016 05:46:39	19.79	49.69	32.58	6.14	7.85	6.3	1.984	81.6	3.4	0.8
1419	7/15/2016 06:01:39	19.55	49.72	32.60	6.24	7.84	6.1	2.042	82.5	3.6	0.9
1420	7/15/2016 06:16:40	19.43	49.80	32.66	6.27	7.84	5.4	2.106	82.7	4.0	0.9
1421	7/15/2016 06:31:40	19.33	49.69	32.58	6.21	7.84	5.4	2.153	81.7	3.2	0.7
1422	7/15/2016 06:46:40	19.19	49.80	32.66	6.19	7.83	5.0	2.225	81.2	3.2	0.7
1423	7/15/2016 07:01:40	18.83	49.74	32.62	6.18	7.83	5.0	2.289	80.6	2.9	0.7
1424	7/15/2016 07:16:40	18.53	49.69	32.58	6.13	7.82	4.8	2.341	79.5	3.1	0.7
1425	7/15/2016 07:31:40	18.29	49.48	32.43	6.11	7.81	4.7	2.405	78.9	2.6	0.6
1426	7/15/2016 07:46:40	18.05	49.56	32.48	6.12	7.81	4.4	2.472	78.6	2.9	0.7
1427	7/15/2016 08:01:40	17.92	49.59	32.50	6.16	7.81	4.6	2.538	78.9	2.7	0.6
1428	7/15/2016 08:16:40	17.73	49.55	32.48	6.21	7.82	4.3	2.578	79.2	2.8	0.7
1429	7/15/2016 08:31:40	17.56	49.53	32.46	6.24	7.82	4.1	2.640	79.4	3.3	0.8
1430	7/15/2016 08:46:40	17.41	49.56	32.48	6.32	7.83	4.0	2.698	80.2	3.2	0.8
1431	7/15/2016 09:01:40	17.30	49.55	32.47	6.30	7.82	4.1	2.740	79.7	2.8	0.7
1432	7/15/2016 09:16:40	17.20	49.54	32.46	6.19	7.81	3.9	2.783	78.2	2.9	0.7
1433	7/15/2016 09:31:40	17.13	49.35	32.32	6.17	7.81	4.0	2.828	77.8	3.0	0.7
1434	7/15/2016 09:46:40	17.02	49.45	32.40	6.10	7.80	3.5	2.857	76.8	2.7	0.6
1435	7/15/2016 10:01:40	16.93	49.49	32.42	6.08	7.80	3.2	2.880	76.4	3.3	0.8
1436	7/15/2016 10:16:40	16.88	49.43	32.38	5.90	7.79	2.7	2.895	74.0	2.3	0.5
1437	7/15/2016 10:31:40	16.93	49.45	32.40	5.33	7.76	2.8	2.913	67.0	2.1	0.5
1438	7/15/2016 10:46:40	16.75	49.36	32.33	5.79	7.80	3.0	2.916	72.4	1.8	0.4
1439	7/15/2016 11:01:40	16.76	49.41	32.36	5.78	7.81	2.9	2.890	72.3	1.9	0.5
1440	7/15/2016 11:16:40	16.84	49.46	32.40	5.93	7.82	3.6	2.861	74.4	2.7	0.6
1441	7/15/2016 11:31:40	17.00	49.48	32.42	5.96	7.83	3.4	2.828	75.0	2.2	0.5
1442	7/15/2016 11:46:40	17.24	49.44	32.39	6.17	7.84	3.5	2.788	77.9	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1443	7/15/2016 12:01:40	17.41	49.56	32.48	6.26	7.84	4.3	2.731	79.4	2.7	0.6
1444	7/15/2016 12:16:40	17.68	49.62	32.52	6.44	7.84	4.3	2.677	82.2	2.2	0.5
1445	7/15/2016 12:31:40	17.84	49.66	32.55	6.48	7.84	4.3	2.616	83.0	2.4	0.6
1446	7/15/2016 12:46:40	18.03	49.72	32.60	6.43	7.83	4.4	2.554	82.6	2.4	0.6
1447	7/15/2016 13:01:40	18.22	49.69	32.58	6.46	7.83	4.0	2.514	83.3	2.7	0.6
1448	7/15/2016 13:16:40	18.42	49.57	32.49	6.48	7.83	4.5	2.461	83.8	2.2	0.5
1449	7/15/2016 13:31:40	18.66	49.52	32.45	6.43	7.83	4.0	2.414	83.5	2.7	0.6
1450	7/15/2016 13:46:40	18.89	49.68	32.58	6.62	7.84	4.4	2.372	86.5	2.3	0.5
1451	7/15/2016 14:01:40	19.12	49.70	32.59	6.73	7.85	4.3	2.347	88.2	2.7	0.6
	Mean	16.56	49.85	32.67	6.66	7.87	6.60	2.60	83.22	3.80	0.90
	Minimum	11.04	49.14	32.11	3.40	7.74	2.00	0.86	43.20	1.50	0.40
	Maximum	19.97	50.55	33.21	9.23	8.04	16.70	4.04	120.90	19.50	4.60

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

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	7/15/2016 14:16:04	19.12	51.47	33.89	6.50	7.87	16.2	2.335	85.9	3.7	0.9
1	7/15/2016 14:31:04	19.31	51.54	33.94	6.79	7.91	4.5	2.311	90.1	3.2	0.8
2	7/15/2016 14:46:04	19.41	51.50	33.91	6.72	7.90	3.7	2.311	89.3	3.9	0.9
3	7/15/2016 15:01:04	19.17	51.53	33.93	6.86	7.89	3.6	2.308	90.7	3.5	0.8
4	7/15/2016 15:16:04	18.74	51.47	33.89	6.38	7.88	3.8	2.301	83.7	3.8	0.9
5	7/15/2016 15:31:04	18.85	51.50	33.91	6.68	7.89	3.7	2.309	87.8	3.5	0.8
6	7/15/2016 15:46:04	18.95	51.53	33.93	6.77	7.90	4.0	2.332	89.3	4.1	1.0
7	7/15/2016 16:01:05	18.82	51.54	33.94	6.57	7.89	3.3	2.362	86.3	3.2	0.8
8	7/15/2016 16:16:05	18.69	51.52	33.92	6.55	7.89	3.3	2.402	85.9	3.6	0.9
9	7/15/2016 16:31:04	18.61	51.51	33.92	6.54	7.88	3.4	2.436	85.7	3.4	0.8
10	7/15/2016 16:46:04	18.57	51.48	33.90	6.68	7.89	4.1	2.478	87.4	4.1	1.0
11	7/15/2016 17:01:05	18.62	51.50	33.91	6.70	7.89	4.3	2.538	87.8	4.5	1.1
12	7/15/2016 17:16:05	18.60	51.49	33.91	6.75	7.90	4.1	2.588	88.3	4.4	1.0
13	7/15/2016 17:31:05	18.30	51.48	33.90	6.62	7.89	3.5	2.646	86.2	4.3	1.0
14	7/15/2016 17:46:05	18.12	51.45	33.87	6.53	7.89	3.5	2.704	84.7	3.8	0.9
15	7/15/2016 18:01:05	18.00	51.46	33.88	6.45	7.88	3.4	2.770	83.5	3.4	0.8
16	7/15/2016 18:16:05	17.76	51.42	33.85	6.66	7.90	4.1	2.825	85.7	3.3	0.8
17	7/15/2016 18:31:05	17.32	51.40	33.83	6.49	7.89	3.8	2.896	82.8	3.9	0.9
18	7/15/2016 18:46:05	17.07	51.40	33.82	6.35	7.88	3.6	2.966	80.7	3.3	0.8
19	7/15/2016 19:01:04	16.44	51.35	33.78	6.43	7.88	3.9	3.029	80.7	3.6	0.8
20	7/15/2016 19:16:04	16.17	51.36	33.79	6.49	7.89	3.3	3.094	81.1	2.8	0.7
21	7/15/2016 19:31:05	15.93	51.36	33.78	6.55	7.90	3.3	3.169	81.4	2.9	0.7
22	7/15/2016 19:46:04	15.78	51.35	33.77	6.59	7.91	3.4	3.239	81.7	2.9	0.7
23	7/15/2016 20:01:05	15.78	51.36	33.77	6.75	7.92	4.5	3.301	83.6	3.0	0.7
24	7/15/2016 20:16:04	15.47	51.33	33.75	7.01	7.94	4.0	3.361	86.3	3.1	0.7
25	7/15/2016 20:31:04	15.06	51.35	33.76	7.22	7.96	4.3	3.425	88.2	3.3	0.8
26	7/15/2016 20:46:04	14.85	51.34	33.74	7.31	7.96	4.0	3.474	88.8	3.5	0.8
27	7/15/2016 21:01:04	14.76	51.34	33.73	7.30	7.97	4.2	3.513	88.6	4.1	1.0
28	7/15/2016 21:16:04	14.69	51.35	33.74	7.29	7.97	3.9	3.552	88.4	3.8	0.9
29	7/15/2016 21:31:05	14.65	51.34	33.73	7.15	7.96	2.8	3.574	86.6	4.0	0.9
30	7/15/2016 21:46:04	14.62	51.34	33.73	6.77	7.95	3.2	3.573	81.9	2.5	0.6
31	7/15/2016 22:01:04	14.65	51.35	33.74	7.04	7.96	3.0	3.551	85.3	2.7	0.6
32	7/15/2016 22:16:04	14.70	51.35	33.74	7.03	7.96	2.3	3.540	85.3	2.2	0.5
33	7/15/2016 22:31:05	14.80	51.37	33.76	6.99	7.95	2.6	3.497	84.9	3.1	0.7
34	7/15/2016 22:46:05	14.96	51.39	33.78	6.90	7.94	2.8	3.422	84.2	2.7	0.7
35	7/15/2016 23:01:04	15.31	51.41	33.80	6.61	7.92	5.9	3.354	81.1	3.6	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
36	7/15/2016 23:16:04	15.13	51.42	33.80	6.79	7.93	5.3	3.281	83.1	3.9	0.9
37	7/15/2016 23:31:04	15.70	51.47	33.86	6.62	7.91	5.3	3.207	81.9	4.2	1.0
38	7/15/2016 23:46:05	16.50	51.53	33.92	6.26	7.88	5.9	3.120	78.7	3.5	0.8
39	7/16/2016 00:01:05	17.05	51.57	33.95	6.27	7.89	7.4	3.006	79.7	3.5	0.8
40	7/16/2016 00:16:04	17.40	51.59	33.97	6.12	7.88	7.5	2.936	78.4	3.8	0.9
41	7/16/2016 00:31:04	17.81	51.67	34.03	5.94	7.86	8.3	2.852	76.7	3.9	0.9
42	7/16/2016 00:46:04	18.05	51.67	34.03	6.03	7.86	9.2	2.738	78.2	4.2	1.0
43	7/16/2016 01:01:05	18.18	51.70	34.06	6.08	7.87	11.0	2.643	79.1	3.9	0.9
44	7/16/2016 01:16:05	18.00	51.70	34.05	6.10	7.86	8.7	2.539	79.0	4.1	1.0
45	7/16/2016 01:31:05	17.88	51.70	34.05	6.21	7.88	9.4	2.441	80.2	3.4	0.8
46	7/16/2016 01:46:05	17.78	51.68	34.04	6.12	7.87	10.3	2.328	78.9	3.5	0.8
47	7/16/2016 02:01:05	17.96	51.71	34.06	6.11	7.87	10.9	2.210	79.1	3.2	0.8
48	7/16/2016 02:16:05	18.06	51.76	34.10	6.10	7.87	10.8	2.116	79.1	3.7	0.9
49	7/16/2016 02:31:05	17.93	51.77	34.10	5.97	7.86	9.7	2.010	77.3	3.6	0.8
50	7/16/2016 02:46:05	18.14	51.79	34.13	5.91	7.86	8.8	1.888	76.8	3.8	0.9
51	7/16/2016 03:01:05	18.48	51.79	34.13	5.86	7.86	9.1	1.796	76.7	3.8	0.9
52	7/16/2016 03:16:05	18.64	51.87	34.18	5.91	7.87	9.3	1.721	77.6	3.8	0.9
53	7/16/2016 03:31:05	18.80	51.93	34.23	5.85	7.87	10.3	1.643	77.0	3.6	0.9
54	7/16/2016 03:46:05	18.96	51.91	34.22	5.92	7.87	9.9	1.577	78.2	3.6	0.9
55	7/16/2016 04:01:04	19.23	51.94	34.24	5.98	7.88	9.0	1.552	79.3	3.6	0.8
56	7/16/2016 04:16:05	19.53	51.97	34.26	6.06	7.90	8.7	1.530	80.8	3.7	0.9
57	7/16/2016 04:31:05	19.57	52.00	34.28	5.88	7.89	7.5	1.508	78.5	3.4	0.8
58	7/16/2016 04:46:05	19.54	52.02	34.29	6.23	7.90	8.5	1.533	83.2	3.2	0.8
59	7/16/2016 05:01:05	19.48	52.00	34.28	6.20	7.90	9.2	1.565	82.7	3.3	0.8
60	7/16/2016 05:16:05	19.40	52.01	34.29	6.17	7.90	9.2	1.607	82.2	3.0	0.7
61	7/16/2016 05:31:05	19.41	52.02	34.30	6.21	7.90	9.2	1.662	82.7	3.5	0.8
62	7/16/2016 05:46:05	19.37	52.04	34.31	6.18	7.90	9.5	1.712	82.3	2.6	0.6
63	7/16/2016 06:01:05	19.32	52.02	34.30	6.10	7.89	8.9	1.790	81.1	3.3	0.8
64	7/16/2016 06:16:05	19.48	51.97	34.26	5.97	7.90	8.9	1.862	79.6	4.0	1.0
65	7/16/2016 06:31:05	19.36	51.98	34.27	6.00	7.90	9.3	1.910	79.8	3.8	0.9
66	7/16/2016 06:46:05	19.21	51.97	34.26	6.03	7.89	8.1	1.982	80.0	3.8	0.9
67	7/16/2016 07:01:05	19.12	51.98	34.27	6.05	7.89	8.1	2.065	80.1	3.1	0.7
68	7/16/2016 07:16:05	19.03	51.99	34.27	6.04	7.88	7.6	2.123	79.9	3.5	0.8
69	7/16/2016 07:31:05	18.82	51.96	34.25	6.06	7.88	7.1	2.184	79.8	2.9	0.7
70	7/16/2016 07:46:05	18.41	51.92	34.22	6.02	7.87	6.5	2.259	78.7	2.5	0.6
71	7/16/2016 08:01:05	18.05	51.88	34.19	6.00	7.86	5.9	2.330	77.9	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
72	7/16/2016 08:16:05	17.85	51.84	34.16	5.99	7.86	5.5	2.413	77.4	3.1	0.7
73	7/16/2016 08:31:05	17.71	51.87	34.18	5.99	7.86	5.4	2.465	77.2	2.6	0.6
74	7/16/2016 08:46:05	17.61	51.87	34.18	5.99	7.86	5.2	2.539	77.1	2.5	0.6
75	7/16/2016 09:01:05	17.54	51.87	34.17	6.04	7.86	5.2	2.612	77.6	3.2	0.8
76	7/16/2016 09:16:05	17.34	51.82	34.14	6.03	7.86	5.1	2.670	77.2	2.9	0.7
77	7/16/2016 09:31:05	17.08	51.79	34.11	5.99	7.86	5.3	2.729	76.3	2.6	0.6
78	7/16/2016 09:46:05	16.96	51.79	34.11	5.81	7.84	5.2	2.785	73.8	2.8	0.7
79	7/16/2016 10:01:05	16.88	51.80	34.12	5.66	7.83	4.8	2.843	71.8	2.9	0.7
80	7/16/2016 10:16:05	16.62	51.78	34.10	5.77	7.84	4.7	2.893	72.8	3.0	0.7
81	7/16/2016 10:31:05	16.39	51.75	34.07	5.83	7.84	4.8	2.932	73.3	3.4	0.8
82	7/16/2016 10:46:05	16.28	51.74	34.07	5.86	7.85	4.2	2.972	73.4	3.4	0.8
83	7/16/2016 11:01:05	16.28	51.74	34.07	5.84	7.84	3.8	3.006	73.2	3.5	0.8
84	7/16/2016 11:16:05	16.24	51.74	34.07	5.73	7.84	3.1	3.030	71.8	2.6	0.6
85	7/16/2016 11:31:05	16.31	51.78	34.10	5.59	7.83	4.3	3.021	70.2	2.7	0.6
86	7/16/2016 11:46:05	16.17	51.75	34.07	5.82	7.84	3.2	3.024	72.8	2.3	0.5
87	7/16/2016 12:01:05	16.22	51.74	34.07	5.80	7.84	3.3	2.997	72.7	2.2	0.5
88	7/16/2016 12:16:05	16.31	51.75	34.08	5.84	7.85	3.6	2.947	73.3	2.3	0.5
89	7/16/2016 12:31:05	16.54	51.75	34.07	5.82	7.85	4.7	2.906	73.3	2.5	0.6
90	7/16/2016 12:46:05	16.64	51.77	34.09	5.83	7.84	5.1	2.849	73.6	2.4	0.6
91	7/16/2016 13:01:05	17.12	51.81	34.13	5.95	7.85	4.0	2.795	75.9	2.6	0.6
92	7/16/2016 13:16:05	17.43	51.87	34.17	6.06	7.86	5.6	2.735	77.6	2.8	0.7
93	7/16/2016 13:31:05	17.71	51.89	34.19	6.17	7.87	4.9	2.671	79.6	3.3	0.8
94	7/16/2016 13:46:05	17.93	51.89	34.20	6.27	7.88	5.0	2.623	81.1	2.4	0.6
95	7/16/2016 14:01:05	18.12	51.94	34.23	6.35	7.88	5.0	2.570	82.5	2.8	0.7
96	7/16/2016 14:16:05	18.33	51.96	34.25	6.45	7.89	5.1	2.511	84.2	2.9	0.7
97	7/16/2016 14:31:05	18.52	51.98	34.26	6.52	7.89	5.0	2.478	85.4	2.6	0.6
98	7/16/2016 14:46:05	18.67	51.98	34.27	6.54	7.90	4.5	2.446	85.8	2.8	0.7
99	7/16/2016 15:01:05	18.82	51.99	34.27	6.68	7.91	5.2	2.392	88.0	2.5	0.6
100	7/16/2016 15:16:05	19.03	51.98	34.26	6.84	7.92	5.3	2.365	90.4	2.7	0.6
101	7/16/2016 15:31:05	19.29	51.99	34.27	6.94	7.92	4.9	2.363	92.2	3.1	0.7
102	7/16/2016 15:46:05	19.37	52.05	34.32	6.81	7.91	7.1	2.340	90.6	3.5	0.8
103	7/16/2016 16:01:04	19.38	52.06	34.32	6.50	7.89	5.3	2.338	86.6	3.3	0.8
104	7/16/2016 16:16:05	19.13	51.99	34.27	7.21	7.94	5.7	2.337	95.5	3.4	0.8
105	7/16/2016 16:31:05	19.08	52.04	34.31	6.94	7.92	4.9	2.370	91.8	3.2	0.8
106	7/16/2016 16:46:05	19.14	52.02	34.30	6.99	7.92	5.4	2.391	92.7	4.2	1.0
107	7/16/2016 17:01:05	19.15	52.01	34.29	7.00	7.92	5.0	2.428	92.8	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
108	7/16/2016 17:16:05	19.07	52.02	34.30	6.90	7.91	5.5	2.475	91.3	3.3	0.8
109	7/16/2016 17:31:05	18.78	52.01	34.29	6.82	7.90	5.6	2.529	89.7	3.4	0.8
110	7/16/2016 17:46:05	19.00	51.99	34.28	6.93	7.91	6.2	2.593	91.6	3.9	0.9
111	7/16/2016 18:01:05	18.63	51.97	34.26	6.95	7.92	5.3	2.637	91.2	3.8	0.9
112	7/16/2016 18:16:05	18.39	51.94	34.23	6.98	7.92	5.4	2.713	91.1	3.3	0.8
113	7/16/2016 18:31:05	18.24	51.91	34.21	6.81	7.91	4.7	2.769	88.7	3.2	0.8
114	7/16/2016 18:46:05	17.85	51.90	34.20	6.29	7.87	5.0	2.840	81.4	2.9	0.7
115	7/16/2016 19:01:05	17.06	51.86	34.16	6.24	7.86	4.8	2.909	79.4	3.2	0.8
116	7/16/2016 19:16:05	16.51	51.81	34.12	6.35	7.87	5.0	2.976	80.0	3.1	0.7
117	7/16/2016 19:31:05	16.35	51.84	34.14	6.58	7.89	4.5	3.043	82.6	3.2	0.8
118	7/16/2016 19:46:05	16.18	51.84	34.14	6.63	7.90	4.3	3.119	83.0	2.9	0.7
119	7/16/2016 20:01:05	16.12	51.82	34.12	6.64	7.90	4.5	3.196	83.0	3.2	0.8
120	7/16/2016 20:16:05	15.59	51.81	34.11	6.82	7.92	5.4	3.263	84.3	3.0	0.7
121	7/16/2016 20:31:04	15.24	51.78	34.07	7.01	7.93	6.5	3.332	86.1	3.4	0.8
122	7/16/2016 20:46:04	14.66	51.80	34.07	7.29	7.96	5.4	3.409	88.4	3.5	0.8
123	7/16/2016 21:01:05	14.39	51.79	34.06	7.36	7.96	5.6	3.474	88.9	4.1	1.0
124	7/16/2016 21:16:05	14.15	51.81	34.06	7.42	7.97	4.7	3.522	89.1	3.9	0.9
125	7/16/2016 21:31:04	14.01	51.82	34.07	7.43	7.97	5.0	3.586	89.0	4.2	1.0
126	7/16/2016 21:46:05	13.96	51.82	34.07	7.41	7.97	4.9	3.629	88.7	3.5	0.8
127	7/16/2016 22:01:05	13.77	51.82	34.06	7.42	7.97	3.9	3.653	88.5	3.3	0.8
128	7/16/2016 22:16:04	13.67	51.84	34.07	7.30	7.97	2.7	3.663	86.9	3.2	0.8
129	7/16/2016 22:31:04	13.67	51.82	34.05	7.21	7.96	3.3	3.675	85.8	3.9	0.9
130	7/16/2016 22:46:04	13.58	51.83	34.06	7.29	7.97	3.1	3.654	86.5	2.2	0.5
131	7/16/2016 23:01:04	13.67	51.83	34.06	7.24	7.96	3.5	3.604	86.1	2.7	0.6
132	7/16/2016 23:16:04	13.90	51.83	34.07	7.18	7.96	3.1	3.558	85.8	2.5	0.6
133	7/16/2016 23:31:05	14.45	51.82	34.08	6.97	7.94	4.3	3.490	84.3	2.8	0.7
134	7/16/2016 23:46:04	14.71	51.82	34.09	6.79	7.92	5.3	3.407	82.5	3.0	0.7
135	7/17/2016 00:01:04	15.63	51.85	34.14	6.86	7.94	6.5	3.309	84.9	3.4	0.8
136	7/17/2016 00:16:05	16.29	51.89	34.18	6.66	7.93	7.8	3.221	83.6	3.2	0.8
137	7/17/2016 00:31:05	16.38	51.90	34.18	6.61	7.91	7.5	3.122	83.1	2.9	0.7
138	7/17/2016 00:46:05	16.53	51.90	34.19	6.47	7.90	7.3	3.024	81.6	3.2	0.8
139	7/17/2016 01:01:05	16.75	51.89	34.18	6.38	7.89	6.6	2.920	80.8	3.4	0.8
140	7/17/2016 01:16:05	16.98	51.92	34.21	6.30	7.88	6.7	2.824	80.1	3.2	0.8
141	7/17/2016 01:31:05	17.46	51.94	34.23	6.17	7.87	8.2	2.717	79.1	3.4	0.8
142	7/17/2016 01:46:05	17.52	51.96	34.25	6.05	7.85	7.6	2.612	77.7	3.3	0.8
143	7/17/2016 02:01:05	17.62	51.97	34.25	6.21	7.86	7.3	2.492	79.9	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
144	7/17/2016 02:16:05	17.69	52.00	34.28	6.16	7.85	8.3	2.376	79.4	3.6	0.8
145	7/17/2016 02:31:05	18.40	52.08	34.34	6.29	7.88	9.1	2.263	82.2	3.6	0.9
146	7/17/2016 02:46:05	18.37	52.12	34.37	6.18	7.86	8.6	2.141	80.8	3.6	0.8
147	7/17/2016 03:01:05	18.60	52.13	34.38	6.23	7.87	8.9	2.017	81.7	3.8	0.9
148	7/17/2016 03:16:05	18.86	52.14	34.38	6.15	7.87	8.6	1.907	81.2	3.5	0.8
149	7/17/2016 03:31:05	18.85	52.13	34.37	6.06	7.86	7.8	1.791	80.0	3.2	0.8
150	7/17/2016 03:46:05	18.96	52.19	34.42	6.00	7.85	7.3	1.678	79.3	3.4	0.8
151	7/17/2016 04:01:05	19.07	52.19	34.42	5.93	7.84	7.6	1.590	78.5	4.0	0.9
152	7/17/2016 04:16:05	19.34	52.20	34.43	6.01	7.85	7.0	1.498	80.0	3.6	0.9
153	7/17/2016 04:31:05	19.54	52.23	34.45	6.06	7.86	8.5	1.439	80.9	3.8	0.9
154	7/17/2016 04:46:05	19.65	52.30	34.50	6.06	7.86	7.0	1.392	81.2	4.0	1.0
155	7/17/2016 05:01:05	19.87	52.30	34.50	5.97	7.86	5.6	1.371	80.3	3.9	0.9
156	7/17/2016 05:16:04	19.98	52.31	34.51	6.23	7.88	5.9	1.389	84.0	3.8	0.9
157	7/17/2016 05:31:04	19.89	52.32	34.52	6.28	7.88	5.9	1.412	84.5	3.5	0.8
158	7/17/2016 05:46:04	19.84	52.31	34.51	6.25	7.87	5.6	1.458	84.0	3.5	0.8
159	7/17/2016 06:01:05	19.94	52.30	34.51	6.29	7.88	6.1	1.515	84.7	3.8	0.9
160	7/17/2016 06:16:05	19.85	52.28	34.49	6.29	7.88	6.1	1.580	84.6	3.2	0.8
161	7/17/2016 06:31:04	19.84	52.25	34.47	6.23	7.88	6.7	1.660	83.7	3.5	0.8
162	7/17/2016 06:46:05	20.02	52.23	34.45	6.14	7.89	8.3	1.732	82.7	4.3	1.0
163	7/17/2016 07:01:05	19.95	52.23	34.45	6.15	7.89	7.8	1.798	82.9	4.1	1.0
164	7/17/2016 07:16:05	19.78	52.21	34.44	6.17	7.88	7.5	1.865	82.8	3.6	0.9
165	7/17/2016 07:31:05	19.67	52.23	34.45	6.17	7.88	6.3	1.945	82.6	3.6	0.9
166	7/17/2016 07:46:05	19.59	52.23	34.45	6.17	7.87	7.0	2.014	82.6	2.9	0.7
167	7/17/2016 08:01:05	19.44	52.22	34.44	6.17	7.87	6.4	2.102	82.3	2.9	0.7
168	7/17/2016 08:16:05	18.93	52.15	34.39	6.09	7.86	6.1	2.176	80.4	2.9	0.7
169	7/17/2016 08:31:05	18.46	52.10	34.35	6.05	7.85	5.6	2.249	79.2	2.9	0.7
170	7/17/2016 08:46:05	18.33	52.09	34.35	6.03	7.85	5.3	2.341	78.7	3.1	0.7
171	7/17/2016 09:01:05	18.15	52.07	34.33	6.08	7.85	5.5	2.419	79.1	2.7	0.6
172	7/17/2016 09:16:05	17.91	52.05	34.32	6.07	7.85	5.2	2.499	78.6	2.8	0.7
173	7/17/2016 09:31:05	17.85	52.03	34.30	6.06	7.85	5.6	2.576	78.3	2.7	0.7
174	7/17/2016 09:46:05	17.60	52.02	34.29	6.05	7.85	5.6	2.647	77.9	2.8	0.7
175	7/17/2016 10:01:05	17.33	51.93	34.22	6.05	7.85	6.1	2.719	77.5	2.6	0.6
176	7/17/2016 10:16:05	17.15	51.95	34.23	5.98	7.85	5.6	2.782	76.3	2.5	0.6
177	7/17/2016 10:31:05	16.88	51.93	34.21	5.91	7.84	6.2	2.848	75.0	2.8	0.7
178	7/17/2016 10:46:05	16.53	51.91	34.19	5.94	7.84	5.7	2.907	74.9	2.7	0.6
179	7/17/2016 11:01:04	16.34	51.90	34.18	5.94	7.84	5.4	2.960	74.6	2.7	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	Fluorescence %FS
180	7/17/2016 11:16:05	16.16	51.90	34.18	6.01	7.85	5.7	3.002	75.2	2.3	0.6
181	7/17/2016 11:31:05	16.03	51.91	34.18	6.08	7.85	4.6	3.049	75.9	3.1	0.7
182	7/17/2016 11:46:05	15.78	51.90	34.18	6.18	7.86	4.5	3.081	76.7	2.5	0.6
183	7/17/2016 12:01:05	15.33	51.88	34.15	6.22	7.87	3.6	3.092	76.6	2.9	0.7
184	7/17/2016 12:16:05	15.59	51.79	34.09	5.97	7.86	3.0	3.103	73.9	2.4	0.6
185	7/17/2016 12:31:05	15.49	51.88	34.16	6.07	7.86	3.3	3.093	75.0	2.0	0.5
186	7/17/2016 12:46:05	15.75	51.86	34.14	6.04	7.86	3.5	3.066	75.0	2.2	0.5
187	7/17/2016 13:01:05	16.04	51.91	34.18	5.96	7.85	3.4	3.022	74.4	2.1	0.5
188	7/17/2016 13:16:05	16.44	51.94	34.22	5.98	7.85	5.6	2.966	75.2	2.9	0.7
189	7/17/2016 13:31:05	16.96	51.93	34.22	6.20	7.87	5.2	2.905	78.7	2.5	0.6
190	7/17/2016 13:46:05	17.31	51.98	34.26	6.36	7.87	5.4	2.850	81.4	2.5	0.6
191	7/17/2016 14:01:05	17.50	52.00	34.27	6.40	7.88	4.7	2.792	82.3	2.3	0.5
192	7/17/2016 14:16:05	17.72	52.02	34.29	6.54	7.89	5.7	2.706	84.4	2.9	0.7
193	7/17/2016 14:31:05	17.93	52.04	34.31	6.63	7.89	4.8	2.651	85.9	2.4	0.6
194	7/17/2016 14:46:05	18.16	52.09	34.35	6.59	7.89	4.7	2.611	85.7	2.6	0.6
195	7/17/2016 15:01:05	18.34	52.09	34.34	6.56	7.89	6.1	2.543	85.7	2.8	0.7
196	7/17/2016 15:16:05	18.55	52.11	34.36	6.90	7.91	4.8	2.491	90.4	2.2	0.5
197	7/17/2016 15:31:05	18.74	52.15	34.39	6.75	7.90	4.7	2.435	88.8	3.1	0.7
198	7/17/2016 15:46:05	18.87	52.14	34.38	7.01	7.92	5.4	2.398	92.5	2.5	0.6
199	7/17/2016 16:01:05	18.97	52.14	34.38	6.91	7.92	4.3	2.366	91.4	2.3	0.5
200	7/17/2016 16:16:05	19.06	52.07	34.33	7.09	7.92	4.3	2.334	93.8	3.0	0.7
201	7/17/2016 16:31:05	19.10	52.14	34.39	7.38	7.95	4.4	2.315	97.7	3.8	0.9
202	7/17/2016 16:46:05	19.08	52.09	34.35	8.04	7.99	6.1	2.325	106.5	4.9	1.2
203	7/17/2016 17:01:05	19.16	52.17	34.41	7.69	7.96	5.1	2.326	102.0	5.2	1.2
204	7/17/2016 17:16:05	19.14	52.17	34.40	7.45	7.95	4.6	2.346	98.7	4.7	1.1
205	7/17/2016 17:31:05	19.00	52.14	34.39	7.16	7.92	4.6	2.378	94.6	3.5	0.8
206	7/17/2016 17:46:05	18.95	52.15	34.39	7.03	7.91	4.9	2.421	92.9	3.8	0.9
207	7/17/2016 18:01:05	18.75	52.14	34.38	6.93	7.90	5.6	2.484	91.2	3.7	0.9
208	7/17/2016 18:16:05	18.67	52.11	34.36	6.97	7.90	6.7	2.529	91.6	4.2	1.0
209	7/17/2016 18:31:05	18.59	52.10	34.35	6.95	7.90	5.6	2.594	91.2	3.9	0.9
210	7/17/2016 18:46:05	18.27	52.02	34.29	6.97	7.91	5.4	2.663	90.8	3.2	0.8
211	7/17/2016 19:01:05	18.07	52.04	34.31	6.83	7.90	5.1	2.737	88.7	3.2	0.8
212	7/17/2016 19:16:05	17.49	51.99	34.27	6.44	7.87	5.5	2.803	82.7	3.0	0.7
213	7/17/2016 19:31:04	17.28	51.95	34.23	6.39	7.87	5.6	2.863	81.7	3.4	0.8
214	7/17/2016 19:46:05	16.64	51.95	34.23	6.37	7.87	4.8	2.953	80.5	3.1	0.7
215	7/17/2016 20:01:05	16.18	51.94	34.21	6.38	7.87	5.3	3.022	79.9	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
216	7/17/2016 20:16:05	15.91	51.93	34.20	6.43	7.88	5.0	3.100	80.1	3.0	0.7
217	7/17/2016 20:31:05	15.55	51.92	34.18	6.53	7.89	6.1	3.177	80.8	2.9	0.7
218	7/17/2016 20:46:05	15.05	51.90	34.16	6.65	7.90	5.1	3.258	81.4	3.7	0.9
219	7/17/2016 21:01:05	14.61	51.89	34.14	6.80	7.91	7.0	3.336	82.5	3.8	0.9
220	7/17/2016 21:16:05	14.00	51.89	34.12	6.99	7.92	7.0	3.414	83.7	3.3	0.8
221	7/17/2016 21:31:04	13.68	51.90	34.11	7.03	7.92	6.8	3.489	83.7	3.6	0.8
222	7/17/2016 21:46:05	13.35	51.92	34.12	7.02	7.92	5.8	3.558	83.0	3.1	0.7
223	7/17/2016 22:01:04	13.15	51.91	34.10	7.01	7.92	5.4	3.629	82.6	3.5	0.8
224	7/17/2016 22:16:04	12.87	51.93	34.11	7.09	7.93	4.5	3.673	83.0	3.8	0.9
225	7/17/2016 22:31:04	12.82	51.93	34.10	7.10	7.94	3.9	3.718	83.0	3.7	0.9
226	7/17/2016 22:46:04	12.67	51.94	34.10	7.11	7.95	3.7	3.750	82.9	2.7	0.6
227	7/17/2016 23:01:04	12.66	51.92	34.09	7.08	7.94	3.0	3.760	82.5	3.3	0.8
228	7/17/2016 23:16:04	12.80	51.88	34.07	7.02	7.94	2.5	3.755	82.1	2.8	0.7
229	7/17/2016 23:31:04	12.65	51.94	34.10	7.03	7.94	4.3	3.731	81.9	2.7	0.6
230	7/17/2016 23:46:05	12.79	51.92	34.09	6.97	7.94	3.5	3.671	81.4	2.3	0.5
231	7/18/2016 00:01:04	13.60	51.92	34.13	6.68	7.91	4.2	3.613	79.4	2.3	0.6
232	7/18/2016 00:16:04	14.33	51.94	34.16	6.32	7.88	5.6	3.532	76.3	3.1	0.7
233	7/18/2016 00:31:05	14.18	51.93	34.15	6.59	7.90	5.3	3.439	79.2	3.7	0.9
234	7/18/2016 00:46:04	15.30	51.94	34.19	6.45	7.89	6.8	3.330	79.4	2.8	0.7
235	7/18/2016 01:01:05	15.57	51.92	34.19	6.55	7.89	9.1	3.237	81.0	2.9	0.7
236	7/18/2016 01:16:05	15.66	51.93	34.19	6.51	7.89	5.9	3.129	80.7	3.3	0.8
237	7/18/2016 01:31:05	15.94	51.94	34.20	6.37	7.88	6.6	3.018	79.4	3.3	0.8
238	7/18/2016 01:46:05	16.16	51.95	34.21	6.30	7.87	6.8	2.911	78.9	3.1	0.7
239	7/18/2016 02:01:05	16.63	51.95	34.22	6.24	7.87	8.0	2.786	78.8	3.4	0.8
240	7/18/2016 02:16:05	16.92	51.96	34.24	6.04	7.85	8.1	2.670	76.7	3.3	0.8
241	7/18/2016 02:31:05	17.18	51.98	34.26	6.05	7.85	6.9	2.554	77.3	3.5	0.8
242	7/18/2016 02:46:05	17.46	52.04	34.31	6.09	7.86	9.5	2.429	78.2	3.7	0.9
243	7/18/2016 03:01:05	17.78	52.09	34.34	6.04	7.85	8.2	2.293	78.0	3.6	0.9
244	7/18/2016 03:16:05	17.96	52.12	34.36	6.21	7.86	10.6	2.171	80.5	4.2	1.0
245	7/18/2016 03:31:05	18.09	52.13	34.37	6.22	7.86	8.7	2.043	80.9	4.2	1.0
246	7/18/2016 03:46:05	18.48	52.17	34.40	6.15	7.86	8.3	1.913	80.5	3.7	0.9
247	7/18/2016 04:01:05	18.51	52.15	34.39	6.08	7.85	8.9	1.772	79.6	4.6	1.1
248	7/18/2016 04:16:05	18.73	52.20	34.43	6.15	7.86	8.1	1.657	80.9	4.3	1.0
249	7/18/2016 04:31:05	18.79	52.21	34.43	6.13	7.85	6.8	1.566	80.8	4.4	1.0
250	7/18/2016 04:46:05	18.55	52.20	34.42	5.90	7.83	7.6	1.450	77.4	3.9	0.9
251	7/18/2016 05:01:05	18.91	52.20	34.43	6.09	7.85	6.1	1.351	80.4	4.6	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
252	7/18/2016 05:16:05	18.97	52.22	34.45	6.06	7.85	6.1	1.302	80.1	4.6	1.1
253	7/18/2016 05:31:05	19.08	52.18	34.41	5.93	7.84	5.7	1.282	78.5	5.0	1.2
254	7/18/2016 05:46:05	18.90	52.20	34.43	6.04	7.84	6.8	1.273	79.8	5.1	1.2
255	7/18/2016 06:01:05	19.25	52.31	34.51	6.15	7.86	6.3	1.287	81.7	4.6	1.1
256	7/18/2016 06:16:05	19.32	52.36	34.55	6.15	7.86	5.5	1.335	81.9	4.3	1.0
257	7/18/2016 06:31:05	19.49	52.39	34.57	6.23	7.87	6.2	1.414	83.3	4.3	1.0
258	7/18/2016 06:46:05	19.51	52.38	34.56	6.30	7.87	6.4	1.478	84.2	4.1	1.0
259	7/18/2016 07:01:05	19.44	52.33	34.52	6.27	7.86	11.4	1.537	83.6	4.1	1.0
260	7/18/2016 07:16:05	19.47	52.28	34.49	6.20	7.87	7.7	1.626	82.8	5.2	1.2
261	7/18/2016 07:31:05	19.49	52.23	34.45	6.16	7.87	7.7	1.710	82.3	4.5	1.1
262	7/18/2016 07:46:04	19.35	52.22	34.45	6.19	7.87	7.4	1.776	82.4	4.1	1.0
263	7/18/2016 08:01:05	19.22	52.22	34.45	6.17	7.86	6.8	1.848	81.9	3.6	0.9
264	7/18/2016 08:16:05	19.16	52.22	34.44	6.16	7.86	6.6	1.937	81.7	4.0	1.0
265	7/18/2016 08:31:05	19.12	52.24	34.46	6.17	7.86	6.2	2.027	81.8	3.8	0.9
266	7/18/2016 08:46:05	18.87	52.21	34.44	6.12	7.85	6.1	2.101	80.8	3.6	0.9
267	7/18/2016 09:01:05	18.51	52.16	34.40	6.03	7.84	5.6	2.195	79.0	3.1	0.7
268	7/18/2016 09:16:05	18.29	52.13	34.38	6.00	7.84	6.1	2.290	78.3	3.5	0.8
269	7/18/2016 09:31:05	18.09	52.10	34.35	5.97	7.84	5.9	2.376	77.6	3.6	0.9
270	7/18/2016 09:46:05	17.79	52.05	34.31	5.93	7.83	6.4	2.469	76.6	2.9	0.7
271	7/18/2016 10:01:05	17.66	52.04	34.31	5.85	7.83	6.4	2.548	75.4	2.7	0.6
272	7/18/2016 10:16:05	17.46	52.02	34.29	5.88	7.83	6.5	2.635	75.5	3.3	0.8
273	7/18/2016 10:31:05	17.22	52.00	34.27	5.84	7.82	7.0	2.722	74.6	3.5	0.8
274	7/18/2016 10:46:05	16.99	51.97	34.25	5.58	7.81	7.2	2.792	70.9	2.3	0.5
275	7/18/2016 11:01:05	16.73	51.93	34.21	5.66	7.82	6.6	2.867	71.6	3.3	0.8
276	7/18/2016 11:16:05	16.39	51.90	34.18	5.89	7.83	8.3	2.943	74.1	2.6	0.6
277	7/18/2016 11:31:05	16.08	51.91	34.19	6.01	7.84	6.8	3.004	75.1	2.7	0.6
278	7/18/2016 11:46:05	15.49	51.88	34.15	6.13	7.85	6.7	3.063	75.7	3.2	0.8
279	7/18/2016 12:01:04	15.05	51.88	34.14	6.20	7.86	6.2	3.123	75.9	2.9	0.7
280	7/18/2016 12:16:05	14.69	51.87	34.13	6.32	7.87	4.7	3.166	76.8	2.6	0.6
281	7/18/2016 12:31:04	14.60	51.87	34.13	6.39	7.88	4.0	3.196	77.5	2.7	0.6
282	7/18/2016 12:46:05	14.55	51.88	34.12	6.28	7.88	2.3	3.209	76.0	2.5	0.6
283	7/18/2016 13:01:05	14.60	51.88	34.13	6.24	7.88	4.2	3.212	75.7	2.6	0.6
284	7/18/2016 13:16:05	14.71	51.87	34.12	6.20	7.87	3.5	3.193	75.3	2.3	0.5
285	7/18/2016 13:31:05	14.81	51.89	34.14	6.18	7.87	4.7	3.147	75.3	2.1	0.5
286	7/18/2016 13:46:04	15.41	51.89	34.16	6.02	7.86	4.9	3.094	74.3	2.4	0.6
287	7/18/2016 14:01:05	16.39	51.97	34.24	6.09	7.86	5.4	3.042	76.5	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
288	7/18/2016 14:16:05	17.03	51.98	34.25	6.26	7.87	6.5	2.959	79.7	2.8	0.7
289	7/18/2016 14:31:05	17.18	51.97	34.25	6.28	7.87	6.0	2.900	80.2	2.2	0.5
290	7/18/2016 14:46:05	17.43	52.01	34.28	6.44	7.88	7.3	2.830	82.7	3.0	0.7
291	7/18/2016 15:01:05	17.71	52.02	34.29	6.78	7.90	6.0	2.749	87.4	3.0	0.7
292	7/18/2016 15:16:05	18.06	52.04	34.30	6.64	7.89	5.4	2.690	86.2	3.0	0.7
293	7/18/2016 15:31:05	18.30	52.07	34.33	6.73	7.90	6.0	2.621	87.9	3.4	0.8
294	7/18/2016 15:46:05	18.56	52.12	34.37	6.96	7.91	5.7	2.558	91.3	2.9	0.7
295	7/18/2016 16:01:05	18.77	52.13	34.37	7.01	7.91	5.6	2.496	92.3	2.8	0.7
296	7/18/2016 16:16:05	18.94	52.15	34.39	7.16	7.93	5.1	2.450	94.6	4.0	0.9
297	7/18/2016 16:31:05	19.02	52.17	34.41	7.31	7.93	5.6	2.394	96.7	3.6	0.8
298	7/18/2016 16:46:05	19.08	52.17	34.41	7.12	7.92	4.3	2.339	94.3	3.6	0.9
299	7/18/2016 17:01:05	19.17	52.15	34.39	7.37	7.94	4.8	2.327	97.8	4.0	0.9
300	7/18/2016 17:16:05	19.37	52.13	34.38	7.67	7.97	4.0	2.297	102.1	4.9	1.2
301	7/18/2016 17:31:05	19.12	52.11	34.37	8.21	8.00	6.6	2.287	108.8	4.6	1.1
302	7/18/2016 17:46:05	19.26	52.13	34.38	8.11	7.99	6.5	2.297	107.8	6.6	1.6
303	7/18/2016 18:01:04	19.13	52.09	34.35	7.94	7.97	5.4	2.318	105.3	5.2	1.2
304	7/18/2016 18:16:04	19.15	52.15	34.39	7.52	7.94	5.3	2.371	99.7	5.3	1.3
305	7/18/2016 18:31:05	19.13	52.14	34.39	7.41	7.93	5.3	2.393	98.3	4.8	1.1
306	7/18/2016 18:46:05	18.92	52.11	34.37	7.26	7.92	5.4	2.460	95.8	4.3	1.0
307	7/18/2016 19:01:05	19.09	52.10	34.36	7.30	7.92	8.0	2.540	96.7	5.9	1.4
308	7/18/2016 19:16:05	18.56	52.06	34.33	7.22	7.92	6.8	2.601	94.7	4.5	1.1
309	7/18/2016 19:31:05	18.35	52.04	34.31	6.91	7.90	6.9	2.673	90.2	3.9	0.9
310	7/18/2016 19:46:05	17.90	51.97	34.25	6.52	7.87	6.0	2.743	84.5	3.8	0.9
311	7/18/2016 20:01:04	17.60	51.98	34.26	6.41	7.86	7.2	2.824	82.5	4.0	0.9
312	7/18/2016 20:16:05	16.90	51.95	34.23	6.39	7.86	5.4	2.900	81.1	3.2	0.8
313	7/18/2016 20:31:05	16.41	51.93	34.21	6.33	7.86	5.9	2.973	79.6	2.8	0.7
314	7/18/2016 20:46:05	16.18	51.93	34.20	6.33	7.87	5.0	3.044	79.2	3.2	0.8
315	7/18/2016 21:01:05	15.88	51.92	34.19	6.40	7.87	6.4	3.139	79.6	3.4	0.8
316	7/18/2016 21:16:05	15.30	51.89	34.15	6.55	7.88	6.0	3.219	80.6	3.6	0.8
317	7/18/2016 21:31:04	14.88	51.86	34.12	6.72	7.89	5.7	3.292	82.0	3.6	0.8
318	7/18/2016 21:46:04	14.34	51.88	34.12	6.90	7.91	6.8	3.389	83.3	3.2	0.8
319	7/18/2016 22:01:04	13.69	51.88	34.10	7.11	7.92	6.3	3.469	84.6	3.7	0.9
320	7/18/2016 22:16:05	13.21	51.88	34.08	7.16	7.92	5.7	3.541	84.5	4.5	1.1
321	7/18/2016 22:31:04	12.96	51.88	34.07	7.18	7.92	5.3	3.608	84.2	3.6	0.9
322	7/18/2016 22:46:04	12.74	51.88	34.06	7.18	7.92	4.4	3.686	83.9	3.1	0.7
323	7/18/2016 23:01:04	12.57	51.90	34.07	7.25	7.93	4.5	3.743	84.3	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
324	7/18/2016 23:16:04	12.48	51.90	34.06	7.36	7.94	4.2	3.767	85.4	3.4	0.8
325	7/18/2016 23:31:04	12.44	51.90	34.06	7.39	7.95	3.1	3.795	85.7	3.3	0.8
326	7/18/2016 23:46:04	12.46	51.90	34.06	7.19	7.94	1.7	3.821	83.5	2.9	0.7
327	7/19/2016 00:01:04	12.46	51.91	34.07	7.31	7.95	2.5	3.804	84.8	3.0	0.7
328	7/19/2016 00:16:04	12.63	51.90	34.07	7.31	7.93	3.3	3.750	85.1	2.4	0.6
329	7/19/2016 00:31:05	12.68	51.92	34.09	7.34	7.93	3.2	3.700	85.5	2.2	0.5
330	7/19/2016 00:46:05	13.57	51.92	34.12	6.83	7.90	5.8	3.644	81.2	2.8	0.7
331	7/19/2016 01:01:05	13.72	51.95	34.15	6.74	7.89	5.3	3.540	80.3	3.0	0.7
332	7/19/2016 01:16:05	14.52	51.97	34.20	6.72	7.90	6.0	3.438	81.4	3.0	0.7
333	7/19/2016 01:31:05	15.17	51.91	34.17	6.56	7.89	7.3	3.335	80.5	3.8	0.9
334	7/19/2016 01:46:05	15.28	51.90	34.17	6.62	7.90	7.6	3.234	81.4	3.5	0.8
335	7/19/2016 02:01:05	15.43	51.89	34.16	6.54	7.89	7.3	3.118	80.7	3.3	0.8
336	7/19/2016 02:16:05	15.87	51.95	34.22	6.41	7.88	6.8	2.991	79.7	3.5	0.8
337	7/19/2016 02:31:05	15.99	51.92	34.19	6.37	7.87	7.6	2.874	79.5	3.7	0.9
338	7/19/2016 02:46:05	16.74	51.95	34.22	6.24	7.86	8.4	2.753	78.9	4.0	0.9
339	7/19/2016 03:01:05	17.02	51.96	34.24	6.18	7.85	9.2	2.639	78.7	3.6	0.9
340	7/19/2016 03:16:05	16.88	51.98	34.25	6.22	7.85	8.1	2.497	78.9	3.5	0.8
341	7/19/2016 03:31:05	17.27	52.01	34.28	6.31	7.86	8.7	2.364	80.7	4.4	1.0
342	7/19/2016 03:46:05	17.82	52.11	34.35	6.26	7.87	8.4	2.236	81.0	5.1	1.2
343	7/19/2016 04:01:05	18.25	52.20	34.43	6.41	7.88	9.0	2.084	83.6	5.0	1.2
344	7/19/2016 04:16:05	18.42	52.16	34.39	6.42	7.88	9.0	1.954	84.0	4.7	1.1
345	7/19/2016 04:31:05	18.46	52.19	34.42	6.33	7.86	8.2	1.817	82.9	4.8	1.1
346	7/19/2016 04:46:05	18.53	52.19	34.42	6.28	7.86	7.9	1.681	82.3	4.2	1.0
347	7/19/2016 05:01:05	18.69	52.17	34.41	6.35	7.86	7.6	1.561	83.5	5.0	1.2
348	7/19/2016 05:16:05	18.82	52.20	34.43	6.37	7.86	6.7	1.432	84.0	5.3	1.3
349	7/19/2016 05:31:05	18.87	52.21	34.44	6.34	7.86	7.8	1.332	83.6	5.0	1.2
350	7/19/2016 05:46:05	18.75	52.18	34.42	6.23	7.85	8.4	1.256	82.0	5.0	1.2
351	7/19/2016 06:01:05	18.88	52.19	34.42	6.19	7.85	9.2	1.190	81.7	5.0	1.2
352	7/19/2016 06:16:04	19.02	52.23	34.45	6.20	7.86	4.9	1.176	82.0	5.6	1.3
353	7/19/2016 06:31:05	19.08	52.25	34.47	6.40	7.87	6.6	1.201	84.8	5.0	1.2
354	7/19/2016 06:46:05	19.39	52.37	34.55	6.54	7.88	5.6	1.255	87.1	4.7	1.1
355	7/19/2016 07:01:05	19.50	52.38	34.56	6.56	7.88	5.9	1.305	87.7	4.8	1.1
356	7/19/2016 07:16:04	19.75	52.42	34.59	6.70	7.90	6.2	1.387	90.0	5.6	1.3
357	7/19/2016 07:31:04	19.58	52.37	34.55	6.67	7.89	6.4	1.467	89.2	5.0	1.2
358	7/19/2016 07:46:04	19.67	52.21	34.44	6.47	7.88	8.4	1.524	86.6	5.4	1.3
359	7/19/2016 08:01:04	19.66	52.20	34.43	6.42	7.88	8.6	1.615	85.9	5.6	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
360	7/19/2016 08:16:05	19.57	52.25	34.47	6.48	7.88	7.6	1.691	86.6	4.7	1.1
361	7/19/2016 08:31:04	19.42	52.24	34.46	6.49	7.88	7.2	1.767	86.5	5.2	1.2
362	7/19/2016 08:46:04	19.32	52.20	34.43	6.46	7.87	7.3	1.859	86.0	4.9	1.2
363	7/19/2016 09:01:04	19.26	52.21	34.44	6.46	7.87	7.0	1.940	85.8	4.9	1.2
364	7/19/2016 09:16:04	19.18	52.22	34.45	6.45	7.87	6.2	2.029	85.6	4.0	1.0
365	7/19/2016 09:31:05	18.80	52.18	34.41	6.33	7.86	6.4	2.138	83.4	4.1	1.0
366	7/19/2016 09:46:05	18.53	52.14	34.38	6.26	7.85	6.7	2.230	82.1	3.6	0.9
367	7/19/2016 10:01:05	18.32	52.09	34.35	6.21	7.85	7.4	2.325	81.0	3.9	0.9
368	7/19/2016 10:16:05	18.05	52.05	34.32	6.11	7.84	6.7	2.430	79.4	4.0	1.0
369	7/19/2016 10:31:05	17.86	52.02	34.29	6.11	7.84	7.1	2.527	79.1	4.2	1.0
370	7/19/2016 10:46:05	17.63	52.01	34.28	6.00	7.83	7.1	2.621	77.3	3.6	0.9
371	7/19/2016 11:01:05	17.33	51.97	34.25	5.91	7.82	7.9	2.701	75.7	3.2	0.8
372	7/19/2016 11:16:05	17.04	51.95	34.23	5.76	7.81	7.8	2.792	73.3	3.0	0.7
373	7/19/2016 11:31:05	16.63	51.88	34.17	5.83	7.82	8.4	2.872	73.7	3.7	0.9
374	7/19/2016 11:46:05	16.25	51.88	34.17	5.98	7.83	9.0	2.945	75.0	3.0	0.7
375	7/19/2016 12:01:05	15.89	51.87	34.15	6.04	7.83	8.4	3.021	75.2	2.9	0.7
376	7/19/2016 12:16:05	15.02	51.84	34.11	6.25	7.85	8.6	3.090	76.4	3.4	0.8
377	7/19/2016 12:31:05	14.50	51.84	34.10	6.34	7.86	8.3	3.148	76.8	3.7	0.9
378	7/19/2016 12:46:05	14.27	51.83	34.09	6.46	7.87	6.8	3.195	77.8	3.5	0.8
379	7/19/2016 13:01:05	14.17	51.82	34.08	6.52	7.88	5.9	3.246	78.4	2.8	0.7
380	7/19/2016 13:16:05	14.08	51.81	34.06	6.59	7.89	5.3	3.275	79.1	3.5	0.8
381	7/19/2016 13:31:05	14.25	51.75	34.02	6.41	7.88	4.0	3.274	77.1	2.7	0.6
382	7/19/2016 13:46:05	14.16	51.81	34.06	6.44	7.88	4.3	3.266	77.4	1.8	0.4
383	7/19/2016 14:01:05	14.23	51.79	34.05	6.43	7.88	4.8	3.245	77.4	2.6	0.6
384	7/19/2016 14:16:05	14.37	51.81	34.07	6.39	7.87	6.2	3.184	77.1	2.6	0.6
385	7/19/2016 14:31:05	15.25	51.81	34.09	6.37	7.87	6.1	3.129	78.2	2.6	0.6
386	7/19/2016 14:46:05	16.20	51.85	34.14	6.54	7.88	7.3	3.051	81.9	2.7	0.6
387	7/19/2016 15:01:04	16.70	51.81	34.13	7.01	7.91	6.9	2.973	88.6	2.9	0.7
388	7/19/2016 15:16:05	16.94	51.87	34.17	6.82	7.90	8.1	2.895	86.7	3.1	0.7
389	7/19/2016 15:31:05	17.35	51.90	34.20	7.01	7.92	7.8	2.815	89.8	3.5	0.8
390	7/19/2016 15:46:05	17.90	51.95	34.24	7.21	7.92	7.2	2.735	93.3	3.9	0.9
391	7/19/2016 16:01:05	18.16	51.92	34.22	7.59	7.96	7.0	2.667	98.7	3.4	0.8
392	7/19/2016 16:16:05	18.61	52.01	34.29	7.36	7.93	8.2	2.590	96.6	3.5	0.8
393	7/19/2016 16:31:05	18.73	51.99	34.27	8.11	8.00	6.8	2.530	106.7	3.9	0.9
394	7/19/2016 16:46:05	18.96	51.98	34.27	8.35	7.99	6.2	2.455	110.3	4.0	1.0
395	7/19/2016 17:01:05	19.07	51.98	34.27	8.36	8.01	6.9	2.395	110.6	4.1	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
396	7/19/2016 17:16:05	19.29	52.03	34.30	8.12	7.99	5.7	2.346	107.9	4.1	1.0
397	7/19/2016 17:31:05	19.36	52.02	34.30	8.41	8.01	5.1	2.300	112.0	4.4	1.0
398	7/19/2016 17:46:05	19.48	51.99	34.27	8.67	8.04	5.3	2.275	115.7	4.5	1.1
399	7/19/2016 18:01:05	19.56	52.05	34.32	8.47	8.02	5.1	2.248	113.2	5.6	1.3
400	7/19/2016 18:16:05	19.47	52.01	34.29	9.38	8.08	5.6	2.249	125.0	6.0	1.4
401	7/19/2016 18:31:05	19.63	52.05	34.32	8.78	8.04	5.1	2.257	117.4	6.7	1.6
402	7/19/2016 18:46:04	19.57	52.03	34.31	8.58	8.02	5.1	2.298	114.7	5.6	1.3
403	7/19/2016 19:01:04	19.63	52.12	34.37	8.02	7.97	5.1	2.331	107.3	5.9	1.4
404	7/19/2016 19:16:04	19.64	52.10	34.35	7.81	7.95	4.9	2.380	104.5	6.5	1.5
405	7/19/2016 19:31:05	19.33	52.07	34.33	7.68	7.94	5.9	2.461	102.1	5.1	1.2
406	7/19/2016 19:46:04	19.60	52.10	34.35	7.70	7.95	7.5	2.522	103.0	5.7	1.3
407	7/19/2016 20:01:05	19.03	52.02	34.30	7.53	7.93	6.5	2.599	99.6	5.1	1.2
408	7/19/2016 20:16:05	18.76	52.02	34.30	7.32	7.92	5.9	2.675	96.3	4.9	1.2
409	7/19/2016 20:31:05	18.16	51.96	34.24	6.88	7.89	6.7	2.750	89.5	4.2	1.0
410	7/19/2016 20:46:05	17.60	51.93	34.22	6.63	7.87	5.8	2.832	85.4	4.0	0.9
411	7/19/2016 21:01:05	17.01	51.91	34.20	6.41	7.86	5.8	2.906	81.5	3.9	0.9
412	7/19/2016 21:16:05	16.57	51.87	34.17	6.26	7.85	5.5	2.989	79.0	4.0	1.0
413	7/19/2016 21:31:05	16.33	51.87	34.16	6.42	7.86	5.6	3.074	80.6	3.8	0.9
414	7/19/2016 21:46:05	15.57	51.86	34.14	6.63	7.88	6.8	3.158	81.9	3.7	0.9
415	7/19/2016 22:01:05	14.91	51.83	34.10	6.94	7.90	6.8	3.243	84.6	3.7	0.9
416	7/19/2016 22:16:05	14.44	51.82	34.08	7.41	7.94	7.3	3.340	89.5	4.2	1.0
417	7/19/2016 22:31:05	14.04	51.79	34.05	7.66	7.96	8.1	3.423	91.8	3.6	0.9
418	7/19/2016 22:46:05	13.51	51.78	34.02	7.98	7.98	8.1	3.515	94.7	4.4	1.0
419	7/19/2016 23:01:04	13.29	51.81	34.03	8.24	7.99	6.8	3.599	97.3	4.6	1.1
420	7/19/2016 23:16:04	13.05	51.78	34.00	8.64	8.02	6.4	3.670	101.4	5.7	1.4
421	7/19/2016 23:31:04	12.91	51.80	34.01	8.92	8.03	5.4	3.736	104.5	5.2	1.2
422	7/19/2016 23:46:04	12.83	51.80	34.00	9.20	8.05	4.5	3.792	107.6	4.9	1.2
423	7/20/2016 00:01:05	12.75	51.81	34.01	9.46	8.07	3.7	3.830	110.4	4.7	1.1
424	7/20/2016 00:16:05	12.71	51.80	34.00	9.43	8.08	2.5	3.851	110.0	4.7	1.1
425	7/20/2016 00:31:05	12.79	51.82	34.02	9.30	8.08	2.8	3.846	108.7	4.9	1.2
426	7/20/2016 00:46:05	12.93	51.80	34.01	9.06	8.06	3.4	3.826	106.2	3.3	0.8
427	7/20/2016 01:01:04	12.88	51.79	34.00	9.11	8.06	3.6	3.785	106.6	3.0	0.7
428	7/20/2016 01:16:05	13.12	51.80	34.02	8.90	8.04	6.9	3.708	104.7	3.3	0.8
429	7/20/2016 01:31:04	13.35	51.80	34.03	8.13	7.99	6.8	3.619	96.1	4.9	1.2
430	7/20/2016 01:46:05	13.42	51.79	34.02	8.55	8.02	5.6	3.531	101.1	3.8	0.9
431	7/20/2016 02:01:05	14.82	51.87	34.13	7.64	7.96	6.2	3.423	93.1	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
432	7/20/2016 02:16:05	15.10	51.88	34.14	7.18	7.93	6.6	3.304	87.9	4.1	1.0
433	7/20/2016 02:31:05	15.13	51.87	34.14	7.20	7.93	8.9	3.195	88.3	3.9	0.9
434	7/20/2016 02:46:05	15.35	51.87	34.14	7.01	7.92	7.6	3.070	86.3	3.9	0.9
435	7/20/2016 03:01:05	15.52	51.89	34.16	6.84	7.91	7.5	2.970	84.5	4.0	1.0
436	7/20/2016 03:16:05	15.87	51.89	34.17	6.71	7.89	6.6	2.834	83.5	3.6	0.8
437	7/20/2016 03:31:05	16.96	51.95	34.23	6.48	7.88	9.2	2.701	82.4	4.0	1.0
438	7/20/2016 03:46:05	17.04	51.96	34.24	6.48	7.87	8.7	2.586	82.5	3.9	0.9
439	7/20/2016 04:01:04	17.10	52.00	34.27	6.53	7.88	8.9	2.432	83.2	4.4	1.0
440	7/20/2016 04:16:05	17.49	52.10	34.35	6.72	7.89	10.6	2.297	86.4	5.3	1.3
441	7/20/2016 04:31:05	17.85	52.13	34.37	6.57	7.90	8.1	2.159	85.0	5.2	1.2
442	7/20/2016 04:46:05	18.05	52.12	34.37	6.67	7.90	8.9	2.014	86.6	5.3	1.2
443	7/20/2016 05:01:05	18.28	52.15	34.39	6.60	7.89	9.4	1.881	86.1	5.3	1.3
444	7/20/2016 05:16:05	18.41	52.18	34.41	6.54	7.89	7.9	1.720	85.6	5.6	1.3
445	7/20/2016 05:31:04	18.47	52.15	34.39	6.50	7.88	8.2	1.584	85.1	5.2	1.2
446	7/20/2016 05:46:05	18.71	52.20	34.43	6.54	7.88	8.8	1.452	86.0	5.3	1.3
447	7/20/2016 06:01:05	18.71	52.17	34.41	6.50	7.88	7.8	1.340	85.5	5.1	1.2
448	7/20/2016 06:16:05	18.80	52.18	34.41	6.46	7.87	6.9	1.226	85.1	4.6	1.1
449	7/20/2016 06:31:05	18.86	52.20	34.43	6.40	7.87	6.7	1.157	84.5	4.8	1.1
450	7/20/2016 06:46:05	18.81	52.20	34.43	6.26	7.86	5.7	1.136	82.4	5.1	1.2
451	7/20/2016 07:01:05	18.84	52.17	34.41	6.47	7.87	6.2	1.125	85.3	4.4	1.0
452	7/20/2016 07:16:04	19.26	52.22	34.45	6.55	7.89	5.0	1.179	87.0	5.2	1.2
453	7/20/2016 07:31:04	19.35	52.30	34.51	6.60	7.89	5.3	1.241	87.9	5.4	1.3
454	7/20/2016 07:46:05	19.59	52.36	34.54	6.67	7.91	5.6	1.315	89.3	5.3	1.3
455	7/20/2016 08:01:05	19.57	52.36	34.55	6.72	7.91	5.3	1.384	90.0	6.7	1.6
456	7/20/2016 08:16:05	19.49	52.31	34.51	6.69	7.90	5.7	1.461	89.4	5.6	1.3
457	7/20/2016 08:31:05	19.59	52.24	34.46	6.44	7.90	8.0	1.549	86.2	5.9	1.4
458	7/20/2016 08:46:05	19.58	52.24	34.46	6.39	7.89	8.1	1.623	85.5	5.6	1.3
459	7/20/2016 09:01:05	19.35	52.23	34.45	6.47	7.89	7.0	1.701	86.2	5.2	1.2
460	7/20/2016 09:16:05	19.29	52.23	34.45	6.48	7.89	6.8	1.782	86.2	4.9	1.2
461	7/20/2016 09:31:05	19.21	52.22	34.44	6.49	7.89	6.7	1.892	86.2	4.9	1.2
462	7/20/2016 09:46:04	19.15	52.25	34.46	6.51	7.89	7.2	1.983	86.4	4.5	1.1
463	7/20/2016 10:01:05	18.82	52.12	34.37	6.49	7.88	6.8	2.072	85.5	4.0	0.9
464	7/20/2016 10:16:05	18.43	52.15	34.39	6.47	7.87	6.9	2.188	84.6	4.1	1.0
465	7/20/2016 10:31:05	18.20	52.11	34.36	6.43	7.87	7.0	2.300	83.8	4.4	1.0
466	7/20/2016 10:46:05	17.97	52.06	34.32	6.40	7.86	7.8	2.398	83.0	4.2	1.0
467	7/20/2016 11:01:05	17.70	52.05	34.31	6.36	7.86	6.7	2.501	82.0	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
468	7/20/2016 11:16:05	17.50	52.02	34.29	6.32	7.85	7.8	2.603	81.2	4.3	1.0
469	7/20/2016 11:31:05	17.26	52.01	34.28	6.00	7.83	7.6	2.695	76.7	4.3	1.0
470	7/20/2016 11:46:05	16.98	51.98	34.25	5.50	7.79	10.1	2.786	70.0	3.6	0.9
471	7/20/2016 12:01:05	16.59	51.93	34.21	5.89	7.82	9.7	2.865	74.3	3.9	0.9
472	7/20/2016 12:16:05	16.17	51.92	34.19	6.21	7.84	10.6	2.952	77.8	3.5	0.8
473	7/20/2016 12:31:05	15.49	51.89	34.16	6.55	7.87	9.4	3.034	80.8	3.7	0.9
474	7/20/2016 12:46:04	14.72	51.86	34.12	6.82	7.89	9.4	3.099	82.9	4.0	0.9
475	7/20/2016 13:01:05	14.45	51.85	34.11	7.06	7.91	8.6	3.177	85.3	3.9	0.9
476	7/20/2016 13:16:04	14.26	51.84	34.09	7.27	7.93	8.3	3.241	87.5	3.9	0.9
477	7/20/2016 13:31:05	14.14	51.81	34.06	7.40	7.94	7.0	3.282	88.9	4.0	1.0
478	7/20/2016 13:46:05	14.03	51.81	34.06	7.49	7.95	6.8	3.327	89.7	4.9	1.2
479	7/20/2016 14:01:04	13.93	51.81	34.06	7.43	7.95	4.2	3.341	88.8	3.6	0.9
480	7/20/2016 14:16:05	14.03	51.81	34.06	7.36	7.95	4.7	3.348	88.2	2.7	0.6
481	7/20/2016 14:31:04	14.15	51.78	34.04	7.30	7.94	5.8	3.324	87.6	2.8	0.7
482	7/20/2016 14:46:05	14.17	51.83	34.08	7.30	7.94	6.2	3.273	87.8	3.0	0.7
483	7/20/2016 15:01:05	15.73	51.89	34.16	7.04	7.92	6.9	3.218	87.3	3.0	0.7
484	7/20/2016 15:16:05	16.11	51.89	34.17	7.31	7.93	6.5	3.146	91.3	3.6	0.8
485	7/20/2016 15:31:05	16.49	51.89	34.18	7.55	7.95	7.3	3.069	95.0	3.3	0.8
486	7/20/2016 15:46:05	16.85	51.90	34.19	7.32	7.93	6.6	2.976	92.8	3.8	0.9
487	7/20/2016 16:01:05	17.40	51.95	34.23	7.33	7.93	7.3	2.893	94.0	3.6	0.8
488	7/20/2016 16:16:05	17.77	51.98	34.26	7.18	7.92	8.1	2.827	92.7	3.8	0.9
489	7/20/2016 16:31:05	18.02	52.00	34.27	7.42	7.93	7.3	2.728	96.3	4.1	1.0
490	7/20/2016 16:46:05	18.48	52.00	34.28	7.48	7.94	6.7	2.647	97.9	3.9	0.9
491	7/20/2016 17:01:05	18.72	52.06	34.33	7.60	7.94	7.7	2.570	99.9	4.0	1.0
492	7/20/2016 17:16:05	18.88	52.06	34.32	7.94	7.97	7.9	2.508	104.7	3.9	0.9
493	7/20/2016 17:31:05	19.12	52.07	34.33	7.83	7.96	7.0	2.437	103.7	4.6	1.1
494	7/20/2016 17:46:05	19.21	52.06	34.33	8.62	8.00	6.5	2.367	114.4	4.0	1.0
495	7/20/2016 18:01:05	19.31	52.03	34.31	9.30	8.08	6.5	2.316	123.6	4.3	1.0
496	7/20/2016 18:16:05	19.43	52.07	34.33	8.22	8.00	4.7	2.268	109.5	4.6	1.1
497	7/20/2016 18:31:04	19.77	52.10	34.36	8.38	8.01	5.0	2.232	112.4	5.5	1.3
498	7/20/2016 18:46:05	19.76	52.09	34.35	9.26	8.08	4.8	2.210	124.1	5.6	1.3
499	7/20/2016 19:01:05	19.70	52.08	34.34	9.41	8.08	5.2	2.215	126.0	6.0	1.4
500	7/20/2016 19:16:05	19.70	52.09	34.35	8.72	8.03	5.1	2.227	116.8	5.8	1.4
501	7/20/2016 19:31:05	19.59	52.10	34.36	8.56	8.01	5.0	2.247	114.4	5.4	1.3
502	7/20/2016 19:46:05	19.62	52.12	34.37	7.87	7.96	5.0	2.290	105.3	6.0	1.4
503	7/20/2016 20:01:05	19.60	52.14	34.38	7.72	7.95	5.1	2.351	103.2	5.6	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
504	7/20/2016 20:16:05	19.72	52.15	34.39	7.68	7.95	6.9	2.423	103.0	5.5	1.3
505	7/20/2016 20:31:04	19.79	52.13	34.38	7.78	7.95	8.7	2.491	104.4	6.0	1.4
506	7/20/2016 20:46:05	19.06	52.06	34.32	7.58	7.93	6.8	2.570	100.4	5.7	1.3
507	7/20/2016 21:01:05	18.69	52.01	34.29	7.46	7.93	6.9	2.651	98.0	5.2	1.2
508	7/20/2016 21:16:05	17.96	51.94	34.23	6.82	7.88	7.6	2.726	88.4	4.4	1.1
509	7/20/2016 21:31:05	17.13	51.91	34.20	6.67	7.87	6.6	2.800	85.0	4.4	1.0
510	7/20/2016 21:46:05	16.81	51.88	34.18	6.79	7.88	5.6	2.892	86.1	4.5	1.1
511	7/20/2016 22:01:05	16.53	51.91	34.19	6.97	7.90	6.1	2.973	87.9	4.3	1.0
512	7/20/2016 22:16:05	16.30	51.89	34.18	7.16	7.91	6.5	3.054	89.8	4.2	1.0
513	7/20/2016 22:31:05	15.66	51.86	34.14	7.41	7.93	7.2	3.138	91.8	4.2	1.0
514	7/20/2016 22:46:05	15.25	51.85	34.12	7.52	7.95	6.6	3.229	92.3	4.4	1.0
515	7/20/2016 23:01:05	14.83	51.82	34.10	7.87	7.98	7.5	3.319	95.9	4.0	0.9
516	7/20/2016 23:16:05	14.19	51.81	34.06	8.45	8.02	8.4	3.406	101.6	4.5	1.1
517	7/20/2016 23:31:05	13.83	51.80	34.04	8.70	8.04	7.4	3.491	103.8	4.6	1.1
518	7/20/2016 23:46:04	13.49	51.79	34.02	9.02	8.06	7.2	3.572	106.9	4.4	1.0
519	7/21/2016 00:01:04	13.20	51.78	34.01	9.34	8.08	6.4	3.646	110.0	5.2	1.2
520	7/21/2016 00:16:04	13.07	51.77	33.99	9.58	8.09	4.1	3.711	112.5	5.4	1.3
521	7/21/2016 00:31:05	12.94	51.78	34.00	9.84	8.11	3.6	3.758	115.3	4.9	1.2
522	7/21/2016 00:46:05	12.91	51.76	33.98	9.91	8.11	3.3	3.799	116.1	5.2	1.2
523	7/21/2016 01:01:04	12.86	51.74	33.96	9.94	8.12	4.2	3.825	116.3	5.7	1.4
524	7/21/2016 01:16:05	13.14	51.78	34.00	9.52	8.10	3.8	3.824	112.1	3.3	0.8
525	7/21/2016 01:31:04	12.96	51.73	33.96	9.82	8.11	3.2	3.791	115.1	3.9	0.9
526	7/21/2016 01:46:05	13.00	51.79	34.00	9.68	8.11	3.5	3.750	113.5	3.5	0.8
527	7/21/2016 02:01:05	15.09	51.84	34.11	7.72	7.98	7.5	3.693	94.5	4.2	1.0
528	7/21/2016 02:16:05	14.34	51.82	34.07	8.11	8.00	5.2	3.602	97.8	3.7	0.9
529	7/21/2016 02:31:05	13.68	51.77	34.02	8.72	8.04	5.7	3.490	103.7	4.3	1.0
530	7/21/2016 02:46:05	14.85	51.87	34.13	7.89	7.98	8.2	3.401	96.1	3.4	0.8
531	7/21/2016 03:01:05	14.98	51.85	34.12	7.75	7.97	6.4	3.287	94.7	3.5	0.8
532	7/21/2016 03:16:05	14.99	51.86	34.12	7.76	7.97	6.7	3.164	94.9	3.8	0.9
533	7/21/2016 03:31:05	15.19	51.86	34.13	7.63	7.96	7.1	3.042	93.7	3.8	0.9
534	7/21/2016 03:46:05	15.85	51.87	34.15	7.34	7.93	7.5	2.907	91.3	3.6	0.8
535	7/21/2016 04:01:05	16.67	51.95	34.22	6.93	7.91	8.1	2.802	87.6	3.8	0.9
536	7/21/2016 04:16:05	17.01	51.96	34.24	6.72	7.89	10.2	2.653	85.6	3.7	0.9
537	7/21/2016 04:31:05	17.36	52.01	34.28	6.68	7.88	9.4	2.506	85.6	4.0	1.0
538	7/21/2016 04:46:05	17.63	52.04	34.31	6.65	7.88	8.3	2.390	85.7	3.9	0.9
539	7/21/2016 05:01:05	17.85	52.05	34.31	6.74	7.90	8.9	2.256	87.2	4.5	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
540	7/21/2016 05:16:05	17.89	52.08	34.34	6.74	7.89	10.3	2.097	87.2	4.3	1.0
541	7/21/2016 05:31:05	17.97	52.09	34.34	6.64	7.88	9.0	1.956	86.1	4.6	1.1
542	7/21/2016 05:46:05	18.41	52.13	34.38	6.56	7.88	9.6	1.820	85.8	4.6	1.1
543	7/21/2016 06:01:05	18.52	52.16	34.40	6.45	7.86	10.0	1.668	84.6	4.1	1.0
544	7/21/2016 06:16:05	18.60	52.13	34.37	6.47	7.87	8.4	1.509	84.9	4.0	1.0
545	7/21/2016 06:31:04	18.65	52.12	34.37	6.42	7.86	8.4	1.391	84.4	3.9	0.9
546	7/21/2016 06:46:05	18.76	52.14	34.38	6.41	7.86	8.4	1.283	84.4	4.2	1.0
547	7/21/2016 07:01:05	18.84	52.16	34.40	6.37	7.86	7.5	1.179	84.0	3.6	0.9
548	7/21/2016 07:16:05	18.92	52.15	34.39	6.30	7.85	12.6	1.104	83.1	4.3	1.0
549	7/21/2016 07:31:05	19.02	52.16	34.40	6.31	7.85	7.4	1.099	83.5	4.5	1.1
550	7/21/2016 07:46:05	19.26	52.27	34.48	6.45	7.87	6.6	1.133	85.7	4.2	1.0
551	7/21/2016 08:01:05	19.30	52.27	34.48	6.45	7.87	5.4	1.179	85.9	4.5	1.1
552	7/21/2016 08:16:05	19.64	52.30	34.50	6.49	7.88	5.5	1.260	86.9	4.7	1.1
553	7/21/2016 08:31:04	19.72	52.31	34.51	6.52	7.88	5.7	1.358	87.4	5.0	1.2
554	7/21/2016 08:46:04	19.63	52.27	34.48	6.53	7.88	5.3	1.425	87.4	4.8	1.1
555	7/21/2016 09:01:04	19.96	52.19	34.42	6.28	7.86	7.6	1.491	84.5	5.0	1.2
556	7/21/2016 09:16:04	19.92	52.18	34.42	6.24	7.86	7.8	1.576	84.0	4.8	1.1
557	7/21/2016 09:31:05	19.78	52.21	34.43	6.31	7.86	7.6	1.670	84.7	4.8	1.1
558	7/21/2016 09:46:05	19.54	52.19	34.42	6.37	7.86	7.0	1.752	85.1	4.6	1.1
559	7/21/2016 10:01:05	19.40	52.21	34.43	6.39	7.86	6.2	1.831	85.1	4.2	1.0
560	7/21/2016 10:16:04	19.35	52.19	34.42	6.40	7.86	6.4	1.924	85.2	3.9	0.9
561	7/21/2016 10:31:05	18.89	52.15	34.39	6.43	7.86	7.1	2.053	84.8	4.0	0.9
562	7/21/2016 10:46:05	18.62	52.11	34.36	6.44	7.86	7.3	2.149	84.5	3.4	0.8
563	7/21/2016 11:01:05	18.32	52.07	34.33	6.48	7.86	7.3	2.243	84.5	2.9	0.7
564	7/21/2016 11:16:05	18.15	52.04	34.31	6.46	7.86	7.0	2.367	84.1	3.7	0.9
565	7/21/2016 11:31:05	17.91	52.01	34.29	6.37	7.85	7.8	2.472	82.5	3.3	0.8
566	7/21/2016 11:46:05	17.70	51.99	34.27	6.32	7.84	7.8	2.572	81.4	3.1	0.7
567	7/21/2016 12:01:05	17.43	51.93	34.22	6.24	7.84	9.2	2.665	80.0	3.2	0.8
568	7/21/2016 12:16:05	17.21	51.96	34.24	6.25	7.84	9.4	2.767	79.9	3.6	0.9
569	7/21/2016 12:31:05	16.87	51.89	34.18	6.49	7.86	11.3	2.864	82.3	3.5	0.8
570	7/21/2016 12:46:05	16.46	51.89	34.18	6.82	7.88	10.8	2.946	85.8	3.4	0.8
571	7/21/2016 13:01:05	15.65	51.84	34.13	7.06	7.90	10.8	3.032	87.4	3.8	0.9
572	7/21/2016 13:16:05	14.89	51.82	34.09	7.42	7.93	10.6	3.117	90.5	3.5	0.8
573	7/21/2016 13:31:05	14.61	51.80	34.07	7.64	7.95	11.3	3.201	92.6	4.3	1.0
574	7/21/2016 13:46:05	14.36	51.79	34.06	7.82	7.97	9.8	3.255	94.3	3.9	0.9
575	7/21/2016 14:01:05	14.15	51.79	34.05	7.91	7.98	7.0	3.325	95.1	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
576	7/21/2016 14:16:05	13.89	51.78	34.03	7.98	7.98	6.1	3.386	95.4	4.0	1.0
577	7/21/2016 14:31:05	13.65	51.77	34.02	8.02	7.99	4.4	3.404	95.3	4.3	1.0
578	7/21/2016 14:46:05	13.65	51.78	34.02	7.91	7.99	3.6	3.413	94.1	3.0	0.7
579	7/21/2016 15:01:05	13.80	51.76	34.02	7.87	7.98	4.3	3.410	93.9	3.6	0.8
580	7/21/2016 15:16:05	13.86	51.77	34.03	7.86	7.98	5.2	3.377	93.8	3.4	0.8
581	7/21/2016 15:31:05	14.09	51.77	34.04	7.80	7.98	5.9	3.310	93.6	2.9	0.7
582	7/21/2016 15:46:05	14.94	51.73	34.03	7.67	7.97	7.1	3.221	93.5	3.2	0.8
583	7/21/2016 16:01:05	15.83	51.80	34.10	7.83	7.97	8.2	3.156	97.3	3.7	0.9
584	7/21/2016 16:16:05	16.04	51.81	34.11	7.75	7.96	8.8	3.070	96.7	3.3	0.8
585	7/21/2016 16:31:05	16.93	51.87	34.17	7.62	7.96	10.7	2.965	96.8	3.6	0.9
586	7/21/2016 16:46:05	17.54	51.91	34.21	7.55	7.95	10.3	2.875	97.0	3.6	0.9
587	7/21/2016 17:01:05	17.69	51.95	34.24	7.54	7.95	8.5	2.794	97.2	3.5	0.8
588	7/21/2016 17:16:04	18.02	51.95	34.24	7.37	7.93	9.3	2.709	95.5	3.9	0.9
589	7/21/2016 17:31:05	18.29	51.97	34.26	7.43	7.93	9.9	2.623	96.8	3.5	0.8
590	7/21/2016 17:46:05	18.38	51.96	34.25	8.18	7.99	7.9	2.543	106.8	3.8	0.9
591	7/21/2016 18:01:05	18.64	51.97	34.26	8.07	7.98	7.3	2.473	106.0	3.7	0.9
592	7/21/2016 18:16:05	18.66	51.99	34.28	8.45	8.02	7.2	2.402	111.0	4.1	1.0
593	7/21/2016 18:31:05	18.81	51.99	34.28	8.54	8.02	7.6	2.325	112.4	4.1	1.0
594	7/21/2016 18:46:05	18.94	52.00	34.28	8.35	8.01	7.5	2.265	110.3	4.1	1.0
595	7/21/2016 19:01:05	19.02	51.99	34.27	8.84	8.06	6.4	2.226	116.9	3.9	0.9
596	7/21/2016 19:16:04	19.14	52.03	34.30	7.99	8.01	5.2	2.180	105.9	4.2	1.0
597	7/21/2016 19:31:04	19.24	51.97	34.26	8.55	8.05	5.7	2.161	113.4	4.3	1.0
598	7/21/2016 19:46:05	19.30	52.02	34.30	9.14	8.09	5.1	2.160	121.4	4.6	1.1
599	7/21/2016 20:01:05	19.38	52.07	34.33	8.44	8.02	5.6	2.172	112.3	4.6	1.1
600	7/21/2016 20:16:05	19.31	52.05	34.32	8.01	7.99	5.0	2.198	106.4	4.9	1.2
601	7/21/2016 20:31:05	19.62	52.12	34.37	7.46	7.93	5.1	2.248	99.8	5.1	1.2
602	7/21/2016 20:46:05	19.59	52.12	34.37	7.35	7.92	5.8	2.317	98.2	5.3	1.2
603	7/21/2016 21:01:05	19.33	52.09	34.35	7.30	7.92	6.3	2.384	97.1	4.8	1.1
604	7/21/2016 21:16:05	19.67	52.10	34.35	7.45	7.93	9.1	2.468	99.7	5.2	1.2
605	7/21/2016 21:31:05	19.08	52.04	34.31	7.40	7.92	7.8	2.541	98.0	4.4	1.0
606	7/21/2016 21:46:05	18.79	51.99	34.27	7.38	7.92	6.4	2.631	97.2	4.4	1.0
607	7/21/2016 22:01:05	18.35	51.96	34.25	7.30	7.91	6.2	2.707	95.2	3.6	0.9
608	7/21/2016 22:16:05	17.49	51.87	34.18	7.08	7.90	6.5	2.780	90.8	4.0	0.9
609	7/21/2016 22:31:05	17.07	51.86	34.17	7.02	7.90	5.9	2.867	89.4	3.9	0.9
610	7/21/2016 22:46:05	16.80	51.86	34.16	7.09	7.90	5.2	2.941	89.7	4.0	0.9
611	7/21/2016 23:01:05	16.60	51.84	34.14	7.15	7.91	6.2	3.023	90.2	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
612	7/21/2016 23:16:05	16.22	51.82	34.12	7.13	7.91	7.0	3.110	89.3	3.1	0.7
613	7/21/2016 23:31:05	15.76	51.79	34.09	7.14	7.91	6.1	3.182	88.6	3.6	0.8
614	7/21/2016 23:46:05	15.43	51.78	34.08	7.17	7.92	7.8	3.278	88.3	3.5	0.8
615	7/22/2016 00:01:05	14.66	51.76	34.04	7.53	7.94	8.3	3.368	91.4	3.8	0.9
616	7/22/2016 00:16:05	14.05	51.74	34.01	7.69	7.96	7.8	3.438	92.1	4.0	0.9
617	7/22/2016 00:31:05	13.68	51.74	34.00	7.81	7.97	6.4	3.523	92.9	3.6	0.9
618	7/22/2016 00:46:05	13.35	51.75	33.99	7.96	7.98	5.5	3.597	94.0	3.9	0.9
619	7/22/2016 01:01:05	13.05	51.75	33.98	8.20	7.99	5.9	3.659	96.3	4.3	1.0
620	7/22/2016 01:16:05	12.94	51.75	33.97	8.36	8.00	4.3	3.700	97.9	3.8	0.9
621	7/22/2016 01:31:04	12.90	51.72	33.95	8.40	8.01	3.7	3.740	98.3	3.6	0.9
622	7/22/2016 01:46:04	12.83	51.73	33.96	8.49	8.01	2.5	3.772	99.2	3.6	0.8
623	7/22/2016 02:01:04	13.09	51.72	33.96	8.29	8.01	2.9	3.755	97.5	3.7	0.9
624	7/22/2016 02:16:04	12.90	51.72	33.96	8.30	8.01	2.6	3.736	97.1	2.7	0.6
625	7/22/2016 02:31:04	12.96	51.74	33.97	8.24	8.01	2.4	3.692	96.5	2.4	0.6
626	7/22/2016 02:46:05	13.44	51.77	34.01	7.94	7.99	4.2	3.610	94.0	3.2	0.8
627	7/22/2016 03:01:05	14.18	51.77	34.04	7.40	7.94	4.7	3.534	88.9	3.0	0.7
628	7/22/2016 03:16:05	13.63	51.76	34.01	7.69	7.96	6.5	3.420	91.4	3.4	0.8
629	7/22/2016 03:31:05	15.31	51.85	34.13	7.10	7.92	10.3	3.321	87.4	3.5	0.8
630	7/22/2016 03:46:05	15.66	51.87	34.15	7.02	7.91	7.3	3.214	86.9	3.0	0.7
631	7/22/2016 04:01:05	15.86	51.85	34.14	6.86	7.90	7.3	3.091	85.3	3.1	0.7
632	7/22/2016 04:16:05	16.12	51.82	34.12	6.77	7.89	6.7	2.978	84.6	3.4	0.8
633	7/22/2016 04:31:05	16.74	51.91	34.20	6.47	7.86	8.8	2.856	81.9	3.4	0.8
634	7/22/2016 04:46:05	17.11	51.93	34.22	6.41	7.85	7.8	2.731	81.7	3.1	0.7
635	7/22/2016 05:01:05	17.07	51.90	34.20	6.59	7.87	8.3	2.608	83.9	3.5	0.8
636	7/22/2016 05:16:05	17.30	51.95	34.23	6.55	7.87	8.4	2.464	83.8	3.3	0.8
637	7/22/2016 05:31:05	17.23	51.94	34.23	6.58	7.86	7.8	2.332	84.1	3.4	0.8
638	7/22/2016 05:46:05	17.59	51.97	34.25	6.52	7.87	10.3	2.181	83.9	3.7	0.9
639	7/22/2016 06:01:05	17.71	52.05	34.31	6.47	7.86	10.8	2.041	83.5	3.2	0.8
640	7/22/2016 06:16:05	17.58	52.05	34.31	6.37	7.84	13.6	1.893	82.0	3.3	0.8
641	7/22/2016 06:31:05	18.09	52.09	34.35	6.27	7.84	10.2	1.757	81.4	3.8	0.9
642	7/22/2016 06:46:05	18.21	52.07	34.33	6.35	7.85	9.7	1.609	82.8	3.0	0.7
643	7/22/2016 07:01:05	18.48	52.08	34.34	6.36	7.85	10.0	1.454	83.2	2.9	0.7
644	7/22/2016 07:16:05	18.44	52.09	34.34	6.34	7.85	9.3	1.355	82.9	3.5	0.8
645	7/22/2016 07:31:05	18.52	52.11	34.36	6.29	7.84	10.2	1.255	82.4	3.6	0.8
646	7/22/2016 07:46:05	18.69	52.12	34.37	6.26	7.84	8.8	1.159	82.3	3.5	0.8
647	7/22/2016 08:01:05	18.68	52.11	34.36	6.15	7.84	7.2	1.132	80.9	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
648	7/22/2016 08:16:05	18.64	52.11	34.36	6.34	7.84	8.5	1.149	83.2	3.2	0.8
649	7/22/2016 08:31:05	18.67	52.13	34.38	6.33	7.85	6.4	1.195	83.2	3.3	0.8
650	7/22/2016 08:46:05	18.74	52.14	34.38	6.31	7.85	5.7	1.249	83.1	3.7	0.9
651	7/22/2016 09:01:05	18.88	52.18	34.41	6.32	7.85	5.6	1.339	83.5	3.9	0.9
652	7/22/2016 09:16:05	19.08	52.23	34.45	6.29	7.85	5.9	1.421	83.3	4.2	1.0
653	7/22/2016 09:31:05	19.01	52.20	34.43	6.31	7.85	5.8	1.490	83.4	3.6	0.8
654	7/22/2016 09:46:05	19.20	52.16	34.40	6.12	7.84	7.5	1.577	81.2	4.3	1.0
655	7/22/2016 10:01:05	19.18	52.16	34.40	6.06	7.83	7.9	1.639	80.4	3.9	0.9
656	7/22/2016 10:16:05	19.10	52.13	34.38	6.13	7.84	7.5	1.754	81.3	4.0	1.0
657	7/22/2016 10:31:05	18.96	52.12	34.37	6.24	7.85	7.3	1.833	82.5	3.6	0.8
658	7/22/2016 10:46:05	18.95	52.15	34.39	6.25	7.85	7.7	1.908	82.6	3.5	0.8
659	7/22/2016 11:01:05	18.85	52.14	34.38	6.26	7.85	6.4	2.022	82.6	3.5	0.8
660	7/22/2016 11:16:05	18.50	52.09	34.35	6.31	7.85	6.5	2.128	82.6	3.6	0.9
661	7/22/2016 11:31:05	18.17	52.01	34.29	6.38	7.85	6.7	2.238	83.0	3.2	0.8
662	7/22/2016 11:46:05	18.05	52.00	34.27	6.40	7.85	6.9	2.332	83.1	2.7	0.6
663	7/22/2016 12:01:05	17.89	51.97	34.26	6.38	7.85	6.7	2.449	82.5	3.1	0.7
664	7/22/2016 12:16:05	17.72	51.96	34.25	6.31	7.84	8.0	2.561	81.4	3.2	0.8
665	7/22/2016 12:31:05	17.52	51.94	34.23	6.27	7.84	9.9	2.654	80.6	2.8	0.7
666	7/22/2016 12:46:05	17.31	51.92	34.21	6.30	7.84	9.5	2.749	80.5	2.7	0.6
667	7/22/2016 13:01:05	17.06	51.87	34.17	6.34	7.85	9.6	2.842	80.7	2.9	0.7
668	7/22/2016 13:16:05	16.64	51.83	34.14	6.59	7.86	12.1	2.933	83.3	3.0	0.7
669	7/22/2016 13:31:05	16.13	51.81	34.11	6.76	7.88	10.8	3.019	84.6	3.0	0.7
670	7/22/2016 13:46:05	15.45	51.78	34.08	7.02	7.90	11.6	3.091	86.5	3.7	0.9
671	7/22/2016 14:01:05	14.83	51.74	34.03	7.36	7.93	10.8	3.178	89.6	4.0	0.9
672	7/22/2016 14:16:05	14.60	51.74	34.03	7.61	7.95	8.5	3.250	92.2	3.7	0.9
673	7/22/2016 14:31:04	14.49	51.72	34.01	7.70	7.96	7.5	3.309	93.0	3.7	0.9
674	7/22/2016 14:46:05	14.34	51.72	34.01	7.74	7.97	6.0	3.370	93.4	3.4	0.8
675	7/22/2016 15:01:05	14.23	51.72	34.00	7.71	7.97	5.3	3.399	92.8	3.6	0.9
676	7/22/2016 15:16:05	14.08	51.71	33.99	7.56	7.96	3.8	3.437	90.6	3.3	0.8
677	7/22/2016 15:31:05	14.19	51.76	34.03	7.42	7.95	4.2	3.428	89.2	2.9	0.7
678	7/22/2016 15:46:05	14.08	51.72	34.00	7.48	7.95	5.1	3.400	89.7	3.1	0.7
679	7/22/2016 16:01:05	14.25	51.71	34.00	7.48	7.95	4.9	3.359	90.1	2.6	0.6
680	7/22/2016 16:16:05	14.61	51.74	34.03	7.49	7.95	8.2	3.280	90.8	2.9	0.7
681	7/22/2016 16:31:05	15.25	51.75	34.05	7.54	7.95	7.6	3.210	92.6	2.9	0.7
682	7/22/2016 16:46:05	15.95	51.76	34.07	7.77	7.96	9.3	3.115	96.8	3.4	0.8
683	7/22/2016 17:01:05	16.38	51.77	34.09	8.04	7.98	8.9	3.027	101.0	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
684	7/22/2016 17:16:05	16.74	51.82	34.13	7.91	7.97	9.9	2.945	100.0	3.1	0.7
685	7/22/2016 17:31:05	17.14	51.87	34.17	8.01	7.98	10.3	2.835	102.1	3.1	0.7
686	7/22/2016 17:46:05	17.49	51.84	34.16	7.98	7.98	10.9	2.755	102.4	3.3	0.8
687	7/22/2016 18:01:05	17.68	51.92	34.21	8.14	7.99	15.0	2.673	104.8	3.6	0.9
688	7/22/2016 18:16:05	17.84	51.88	34.19	8.27	8.00	13.7	2.581	106.8	3.3	0.8
689	7/22/2016 18:31:05	18.37	51.95	34.24	8.05	7.99	13.6	2.483	105.2	3.8	0.9
690	7/22/2016 18:46:05	18.62	51.94	34.23	8.09	7.99	13.3	2.411	106.1	3.3	0.8
691	7/22/2016 19:01:05	18.82	52.01	34.29	7.91	7.98	11.2	2.344	104.2	3.3	0.8
692	7/22/2016 19:16:05	18.85	52.01	34.29	7.84	7.98	12.2	2.247	103.3	4.2	1.0
693	7/22/2016 19:31:05	18.76	51.96	34.25	8.03	8.01	9.9	2.179	105.7	3.4	0.8
694	7/22/2016 19:46:05	18.86	52.01	34.29	7.81	7.99	10.8	2.137	103.0	3.7	0.9
695	7/22/2016 20:01:05	18.74	51.99	34.28	7.85	8.00	9.3	2.100	103.3	3.6	0.8
696	7/22/2016 20:16:05	19.18	52.07	34.34	7.61	7.98	12.4	2.068	101.0	3.9	0.9
697	7/22/2016 20:31:05	19.32	52.05	34.32	7.64	8.02	8.1	2.043	101.6	4.5	1.1
698	7/22/2016 20:46:05	19.02	52.03	34.31	7.91	8.00	9.2	2.078	104.6	3.4	0.8
699	7/22/2016 21:01:04	19.72	52.12	34.37	7.44	7.94	10.6	2.107	99.7	5.1	1.2
700	7/22/2016 21:16:05	19.78	52.16	34.40	7.26	7.92	9.3	2.138	97.4	4.8	1.1
701	7/22/2016 21:31:05	19.95	52.18	34.42	7.21	7.91	9.7	2.214	97.1	4.4	1.0
702	7/22/2016 21:46:05	19.81	52.15	34.39	7.17	7.91	9.5	2.280	96.3	4.3	1.0
703	7/22/2016 22:01:04	20.25	52.14	34.38	7.34	7.93	12.3	2.363	99.4	4.6	1.1
704	7/22/2016 22:16:05	19.79	52.11	34.36	7.31	7.92	11.9	2.445	98.1	3.8	0.9
705	7/22/2016 22:31:05	19.38	52.06	34.32	7.37	7.92	9.8	2.525	98.1	3.9	0.9
706	7/22/2016 22:46:05	19.07	52.01	34.29	7.38	7.92	9.9	2.608	97.6	3.9	0.9
707	7/22/2016 23:01:05	18.30	51.94	34.23	7.30	7.91	9.4	2.677	95.2	3.6	0.8
708	7/22/2016 23:16:05	17.48	51.88	34.18	7.19	7.90	7.6	2.758	92.3	3.4	0.8
709	7/22/2016 23:31:05	17.20	51.85	34.16	7.22	7.91	6.9	2.829	92.1	3.2	0.8
710	7/22/2016 23:46:05	16.94	51.84	34.15	7.28	7.91	5.7	2.907	92.4	3.1	0.7
711	7/23/2016 00:01:05	16.85	51.84	34.15	7.27	7.92	6.1	2.982	92.1	2.6	0.6
712	7/23/2016 00:16:05	16.31	51.78	34.09	7.30	7.92	7.8	3.062	91.5	3.2	0.8
713	7/23/2016 00:31:05	15.87	51.79	34.09	7.26	7.92	7.8	3.146	90.3	3.0	0.7
714	7/23/2016 00:46:05	15.56	51.76	34.07	7.24	7.92	9.0	3.221	89.5	3.0	0.7
715	7/23/2016 01:01:05	14.91	51.74	34.03	7.21	7.92	9.0	3.300	88.0	3.4	0.8
716	7/23/2016 01:16:05	14.40	51.73	34.02	7.33	7.93	6.8	3.380	88.5	3.1	0.7
717	7/23/2016 01:31:05	14.03	51.72	33.99	7.48	7.94	6.2	3.447	89.7	3.2	0.8
718	7/23/2016 01:46:05	13.71	51.72	33.99	7.60	7.95	6.6	3.514	90.5	2.7	0.6
719	7/23/2016 02:01:05	13.40	51.73	33.98	7.72	7.96	4.5	3.558	91.3	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
720	7/23/2016 02:16:04	13.27	51.71	33.96	7.80	7.97	3.3	3.604	92.0	3.7	0.9
721	7/23/2016 02:31:05	13.21	51.72	33.97	7.75	7.97	3.0	3.628	91.3	3.3	0.8
722	7/23/2016 02:46:05	13.48	51.76	34.00	7.57	7.96	2.9	3.619	89.7	2.8	0.7
723	7/23/2016 03:01:05	13.18	51.72	33.96	7.63	7.96	1.9	3.603	89.8	3.1	0.7
724	7/23/2016 03:16:05	13.34	51.72	33.97	7.57	7.96	2.8	3.569	89.4	2.6	0.6
725	7/23/2016 03:31:04	14.69	51.71	34.00	7.18	7.93	6.7	3.496	87.1	2.5	0.6
726	7/23/2016 03:46:05	15.70	51.81	34.10	6.90	7.90	7.5	3.412	85.5	3.3	0.8
727	7/23/2016 04:01:05	14.70	51.75	34.04	7.13	7.92	5.7	3.319	86.6	3.1	0.7
728	7/23/2016 04:16:05	14.95	51.61	33.94	7.10	7.92	6.3	3.226	86.6	3.2	0.8
729	7/23/2016 04:31:05	15.87	51.82	34.11	6.83	7.90	8.7	3.116	84.9	2.3	0.5
730	7/23/2016 04:46:05	16.21	51.85	34.15	6.70	7.88	8.6	2.996	83.9	3.0	0.7
731	7/23/2016 05:01:05	16.47	51.87	34.16	6.63	7.88	8.3	2.897	83.5	2.9	0.7
732	7/23/2016 05:16:05	16.97	51.90	34.20	6.38	7.85	9.3	2.790	81.1	2.7	0.6
733	7/23/2016 05:31:05	17.32	51.91	34.21	6.61	7.88	9.3	2.665	84.6	2.6	0.6
734	7/23/2016 05:46:05	17.49	51.97	34.25	6.37	7.85	9.2	2.545	81.8	2.9	0.7
735	7/23/2016 06:01:05	17.69	51.96	34.25	6.40	7.85	12.7	2.413	82.5	3.3	0.8
736	7/23/2016 06:16:05	17.56	51.96	34.24	6.33	7.84	13.8	2.286	81.4	2.1	0.5
737	7/23/2016 06:31:06	17.72	52.00	34.27	6.32	7.85	12.6	2.150	81.5	3.3	0.8
738	7/23/2016 06:46:05	18.00	52.02	34.29	6.34	7.85	12.6	2.012	82.2	3.2	0.8
739	7/23/2016 07:01:05	18.05	52.05	34.31	6.30	7.85	12.8	1.877	81.9	2.6	0.6
740	7/23/2016 07:16:05	17.99	52.05	34.32	6.23	7.83	12.0	1.743	80.8	2.8	0.7
741	7/23/2016 07:31:05	18.28	52.03	34.30	6.29	7.84	10.7	1.608	82.0	3.2	0.8
742	7/23/2016 07:46:05	18.34	52.04	34.31	6.30	7.84	10.3	1.484	82.2	3.3	0.8
743	7/23/2016 08:01:05	18.54	52.09	34.35	6.24	7.84	9.0	1.391	81.8	2.9	0.7
744	7/23/2016 08:16:05	18.45	52.07	34.33	6.22	7.83	8.4	1.304	81.4	2.6	0.6
745	7/23/2016 08:31:05	18.53	52.08	34.34	6.12	7.83	7.8	1.234	80.2	2.6	0.6
746	7/23/2016 08:46:05	18.53	52.09	34.35	6.04	7.82	7.6	1.212	79.2	3.2	0.8
747	7/23/2016 09:01:05	18.58	52.08	34.34	6.32	7.84	7.9	1.235	82.9	3.0	0.7
748	7/23/2016 09:16:05	18.65	52.13	34.37	6.31	7.84	6.8	1.269	82.9	3.2	0.8
749	7/23/2016 09:31:05	18.75	52.14	34.38	6.29	7.84	7.0	1.330	82.8	3.0	0.7
750	7/23/2016 09:46:04	19.02	52.16	34.40	6.23	7.84	7.3	1.441	82.5	3.3	0.8
751	7/23/2016 10:01:05	19.09	52.21	34.44	6.19	7.83	7.6	1.503	82.1	3.7	0.9
752	7/23/2016 10:16:05	19.08	52.19	34.43	6.18	7.83	7.9	1.573	81.8	3.9	0.9
753	7/23/2016 10:31:05	19.18	52.22	34.45	6.04	7.83	8.4	1.672	80.2	3.8	0.9
754	7/23/2016 10:46:04	19.17	52.20	34.43	6.03	7.83	8.6	1.752	80.0	4.0	0.9
755	7/23/2016 11:01:05	18.99	52.16	34.40	6.19	7.84	7.4	1.837	81.8	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
756	7/23/2016 11:16:05	18.97	52.16	34.40	6.19	7.84	7.3	1.922	81.8	4.3	1.0
757	7/23/2016 11:31:05	18.95	52.14	34.39	6.18	7.84	7.5	2.027	81.6	3.7	0.9
758	7/23/2016 11:46:05	18.60	52.08	34.34	6.22	7.84	7.6	2.116	81.7	3.1	0.7
759	7/23/2016 12:01:05	18.25	52.04	34.31	6.38	7.85	7.3	2.215	83.1	3.0	0.7
760	7/23/2016 12:16:06	18.12	52.01	34.28	6.44	7.85	7.1	2.326	83.8	2.9	0.7
761	7/23/2016 12:31:05	18.01	51.95	34.24	6.44	7.85	8.1	2.438	83.5	2.5	0.6
762	7/23/2016 12:46:05	17.79	51.95	34.24	6.36	7.85	9.4	2.529	82.1	3.2	0.8
763	7/23/2016 13:01:05	17.57	51.92	34.22	6.41	7.85	9.1	2.630	82.4	2.7	0.6
764	7/23/2016 13:16:05	17.36	51.88	34.18	6.39	7.85	10.0	2.734	81.8	3.1	0.7
765	7/23/2016 13:31:05	17.12	51.86	34.16	6.37	7.85	11.6	2.824	81.2	2.8	0.7
766	7/23/2016 13:46:05	16.63	51.80	34.12	6.63	7.86	14.3	2.916	83.7	3.2	0.8
767	7/23/2016 14:01:05	16.07	51.77	34.08	6.78	7.88	11.7	3.005	84.6	3.2	0.8
768	7/23/2016 14:16:05	15.39	51.74	34.05	6.94	7.89	13.1	3.099	85.5	2.6	0.6
769	7/23/2016 14:31:05	14.76	51.72	34.02	7.21	7.91	13.0	3.178	87.6	3.3	0.8
770	7/23/2016 14:46:05	14.51	51.69	33.99	7.31	7.93	10.8	3.258	88.4	3.0	0.7
771	7/23/2016 15:01:05	14.31	51.67	33.97	7.37	7.94	11.5	3.333	88.8	2.9	0.7
772	7/23/2016 15:16:05	14.04	51.68	33.97	7.35	7.94	9.2	3.395	88.0	3.5	0.8
773	7/23/2016 15:31:05	13.72	51.69	33.96	7.26	7.93	5.7	3.449	86.4	3.0	0.7
774	7/23/2016 15:46:05	13.53	51.69	33.95	7.14	7.92	5.2	3.465	84.6	2.6	0.6
775	7/23/2016 16:01:05	13.44	51.69	33.95	6.78	7.90	3.2	3.483	80.3	2.5	0.6
776	7/23/2016 16:16:05	13.53	51.66	33.93	6.84	7.91	5.0	3.477	81.1	2.2	0.5
777	7/23/2016 16:31:05	13.64	51.67	33.94	6.97	7.91	4.7	3.429	82.8	1.9	0.5
778	7/23/2016 16:46:05	13.96	51.67	33.96	7.07	7.92	6.4	3.369	84.6	1.9	0.4
779	7/23/2016 17:01:05	14.77	51.73	34.03	7.22	7.93	8.7	3.295	87.8	2.6	0.6
780	7/23/2016 17:16:05	15.62	51.70	34.03	7.67	7.96	8.0	3.213	94.8	2.6	0.6
781	7/23/2016 17:31:05	15.98	51.75	34.07	7.69	7.96	7.3	3.113	95.8	2.4	0.6
782	7/23/2016 17:46:05	16.95	51.81	34.13	7.47	7.94	12.1	3.011	94.9	3.1	0.7
783	7/23/2016 18:01:05	17.39	51.79	34.12	7.33	7.93	10.8	2.922	93.8	3.4	0.8
784	7/23/2016 18:16:05	17.55	51.81	34.13	7.46	7.94	8.4	2.829	95.9	3.2	0.8
785	7/23/2016 18:31:05	18.02	51.88	34.19	7.59	7.94	9.8	2.725	98.4	2.8	0.7
786	7/23/2016 18:46:05	18.18	51.87	34.19	7.40	7.93	10.0	2.643	96.3	3.0	0.7
787	7/23/2016 19:01:05	18.53	51.94	34.23	7.54	7.94	9.2	2.555	98.7	2.5	0.6
788	7/23/2016 19:16:04	18.60	51.92	34.22	7.79	7.96	8.7	2.463	102.2	3.7	0.9
789	7/23/2016 19:31:04	18.59	51.91	34.21	8.39	8.00	7.9	2.372	110.0	3.2	0.8
790	7/23/2016 19:46:05	18.83	51.95	34.24	8.06	7.98	7.3	2.301	106.1	3.2	0.8
791	7/23/2016 20:01:05	18.93	51.99	34.27	7.92	7.97	7.1	2.218	104.5	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
792	7/23/2016 20:16:05	18.92	51.95	34.24	7.91	7.98	7.1	2.133	104.3	3.4	0.8
793	7/23/2016 20:31:05	19.26	52.03	34.30	7.70	7.96	6.4	2.078	102.3	3.5	0.8
794	7/23/2016 20:46:05	19.55	52.07	34.33	7.64	7.95	6.2	2.028	102.1	3.5	0.8
795	7/23/2016 21:01:05	19.79	52.10	34.35	7.75	7.97	5.4	2.000	104.0	3.7	0.9
796	7/23/2016 21:16:05	19.94	52.12	34.37	7.02	7.92	4.2	1.975	94.5	3.8	0.9
797	7/23/2016 21:31:04	20.09	52.17	34.40	7.24	7.92	6.0	1.984	97.7	4.6	1.1
798	7/23/2016 21:46:05	20.02	52.17	34.40	7.31	7.92	5.7	2.007	98.6	4.2	1.0
799	7/23/2016 22:01:05	19.84	52.14	34.38	7.32	7.92	5.6	2.036	98.3	4.2	1.0
800	7/23/2016 22:16:05	19.92	52.15	34.39	7.22	7.91	5.9	2.087	97.1	3.4	0.8
801	7/23/2016 22:31:05	19.79	52.14	34.38	7.18	7.90	5.9	2.150	96.4	3.4	0.8
802	7/23/2016 22:46:05	20.03	52.12	34.37	7.32	7.92	7.8	2.222	98.6	3.9	0.9
803	7/23/2016 23:01:05	19.93	52.15	34.39	7.34	7.92	8.2	2.302	98.7	3.7	0.9
804	7/23/2016 23:16:05	19.46	52.10	34.36	7.27	7.91	7.5	2.373	96.9	3.5	0.8
805	7/23/2016 23:31:05	19.21	52.05	34.32	7.27	7.91	6.2	2.443	96.5	3.2	0.8
806	7/23/2016 23:46:05	18.78	52.00	34.28	7.27	7.91	6.4	2.526	95.7	3.2	0.8
807	7/24/2016 00:01:05	17.98	51.92	34.22	7.13	7.89	6.1	2.598	92.4	2.8	0.7
808	7/24/2016 00:16:05	17.66	51.90	34.20	7.06	7.89	5.6	2.661	90.9	2.7	0.6
809	7/24/2016 00:31:05	17.42	51.90	34.20	7.04	7.89	5.1	2.735	90.3	3.1	0.7
810	7/24/2016 00:46:05	17.13	51.85	34.16	7.08	7.90	5.1	2.810	90.3	3.2	0.8
811	7/24/2016 01:01:05	16.97	51.85	34.16	7.10	7.90	5.6	2.880	90.2	2.0	0.5
812	7/24/2016 01:16:05	16.65	51.82	34.13	7.15	7.90	6.1	2.949	90.3	2.9	0.7
813	7/24/2016 01:31:05	16.22	51.81	34.11	7.14	7.90	6.1	3.031	89.4	2.3	0.6
814	7/24/2016 01:46:05	15.91	51.79	34.10	7.11	7.90	7.9	3.100	88.4	2.9	0.7
815	7/24/2016 02:01:05	15.34	51.76	34.06	7.13	7.91	7.2	3.173	87.7	3.4	0.8
816	7/24/2016 02:16:05	14.82	51.75	34.04	7.09	7.90	5.6	3.242	86.3	2.2	0.5
817	7/24/2016 02:31:05	14.54	51.74	34.02	7.06	7.91	7.0	3.302	85.5	2.7	0.6
818	7/24/2016 02:46:05	14.29	51.73	34.01	7.02	7.90	5.1	3.369	84.6	3.0	0.7
819	7/24/2016 03:01:05	14.06	51.73	34.00	7.01	7.90	4.2	3.409	84.0	2.5	0.6
820	7/24/2016 03:16:05	13.84	51.74	34.01	6.99	7.90	3.6	3.438	83.4	2.2	0.5
821	7/24/2016 03:31:05	13.66	51.74	34.00	6.94	7.90	2.5	3.458	82.5	2.8	0.7
822	7/24/2016 03:46:05	13.63	51.79	34.03	6.95	7.90	3.2	3.456	82.6	2.1	0.5
823	7/24/2016 04:01:05	13.69	51.73	33.99	6.88	7.90	2.9	3.438	81.8	1.4	0.3
824	7/24/2016 04:16:05	13.88	51.75	34.01	6.84	7.90	3.8	3.370	81.7	2.1	0.5
825	7/24/2016 04:31:05	15.70	51.79	34.09	6.63	7.88	5.7	3.313	82.1	2.6	0.6
826	7/24/2016 04:46:05	15.66	51.80	34.09	6.70	7.88	6.5	3.242	82.9	2.5	0.6
827	7/24/2016 05:01:05	15.17	51.76	34.06	6.74	7.88	6.2	3.141	82.6	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
828	7/24/2016 05:16:05	15.53	51.78	34.08	6.70	7.88	7.1	3.038	82.8	2.9	0.7
829	7/24/2016 05:31:05	16.26	51.84	34.14	6.62	7.87	8.1	2.936	82.9	2.4	0.6
830	7/24/2016 05:46:05	16.68	51.83	34.14	6.48	7.86	8.1	2.830	81.9	2.4	0.6
831	7/24/2016 06:01:05	17.13	51.92	34.21	6.32	7.84	8.3	2.733	80.6	2.2	0.5
832	7/24/2016 06:16:05	17.43	51.94	34.23	6.33	7.85	8.2	2.619	81.1	3.0	0.7
833	7/24/2016 06:31:05	17.69	51.97	34.25	6.02	7.81	12.7	2.511	77.6	2.5	0.6
834	7/24/2016 06:46:05	17.95	51.98	34.26	6.34	7.84	9.2	2.395	82.1	2.5	0.6
835	7/24/2016 07:01:05	18.03	52.01	34.28	6.35	7.84	10.6	2.274	82.4	3.1	0.7
836	7/24/2016 07:16:06	17.76	52.03	34.30	6.30	7.84	9.6	2.147	81.4	3.3	0.8
837	7/24/2016 07:31:05	17.99	52.00	34.28	6.22	7.84	10.0	2.022	80.7	2.8	0.7
838	7/24/2016 07:46:05	17.93	52.09	34.34	6.30	7.83	8.9	1.901	81.7	2.6	0.6
839	7/24/2016 08:01:05	18.08	52.03	34.30	6.18	7.82	9.3	1.782	80.3	2.9	0.7
840	7/24/2016 08:16:05	18.11	52.06	34.32	6.17	7.82	9.0	1.655	80.2	2.9	0.7
841	7/24/2016 08:31:05	18.55	52.11	34.36	6.27	7.84	10.1	1.550	82.2	2.9	0.7
842	7/24/2016 08:46:05	18.50	52.12	34.37	6.27	7.83	8.7	1.469	82.1	2.7	0.6
843	7/24/2016 09:01:05	18.60	52.12	34.37	6.26	7.83	15.0	1.413	82.2	3.5	0.8
844	7/24/2016 09:16:05	18.73	52.10	34.36	6.19	7.83	8.3	1.358	81.4	3.2	0.8
845	7/24/2016 09:31:05	19.05	52.13	34.38	6.06	7.82	5.6	1.330	80.2	2.7	0.6
846	7/24/2016 09:46:05	19.11	52.17	34.41	6.24	7.83	6.5	1.364	82.7	3.6	0.9
847	7/24/2016 10:01:05	19.18	52.22	34.44	6.32	7.84	5.8	1.379	83.8	3.6	0.8
848	7/24/2016 10:16:05	19.16	52.22	34.45	6.26	7.83	6.1	1.435	83.1	3.2	0.8
849	7/24/2016 10:31:05	19.43	52.26	34.47	6.27	7.84	6.5	1.509	83.6	3.5	0.8
850	7/24/2016 10:46:05	19.37	52.24	34.46	6.29	7.84	6.4	1.601	83.8	3.5	0.8
851	7/24/2016 11:01:05	19.39	52.22	34.44	6.19	7.83	9.1	1.677	82.5	3.8	0.9
852	7/24/2016 11:16:04	19.36	52.20	34.43	6.20	7.83	8.0	1.740	82.6	4.1	1.0
853	7/24/2016 11:31:05	19.12	52.15	34.39	6.34	7.84	7.2	1.842	84.0	4.2	1.0
854	7/24/2016 11:46:05	19.04	52.15	34.39	6.34	7.84	9.7	1.936	83.9	3.8	0.9
855	7/24/2016 12:01:05	19.04	52.15	34.39	6.34	7.84	6.6	2.019	83.9	3.2	0.8
856	7/24/2016 12:16:05	18.93	52.11	34.37	6.28	7.84	6.1	2.106	82.9	2.8	0.7
857	7/24/2016 12:31:05	18.55	52.08	34.34	6.31	7.84	6.5	2.216	82.7	2.9	0.7
858	7/24/2016 12:46:05	18.26	51.99	34.27	6.43	7.84	7.3	2.319	83.8	2.2	0.5
859	7/24/2016 13:01:05	18.14	51.99	34.27	6.43	7.84	7.3	2.401	83.6	3.1	0.7
860	7/24/2016 13:16:05	17.91	51.94	34.23	6.44	7.84	7.4	2.509	83.3	2.9	0.7
861	7/24/2016 13:31:05	17.68	51.94	34.23	6.43	7.84	9.4	2.606	82.9	3.0	0.7
862	7/24/2016 13:46:05	17.49	51.89	34.19	6.42	7.84	10.0	2.701	82.5	2.7	0.6
863	7/24/2016 14:01:05	17.26	51.89	34.19	6.37	7.84	10.0	2.791	81.4	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
864	7/24/2016 14:16:05	16.93	51.84	34.15	6.45	7.85	10.5	2.882	81.9	2.4	0.6
865	7/24/2016 14:31:05	16.42	51.81	34.12	6.64	7.86	12.5	2.985	83.4	2.9	0.7
866	7/24/2016 14:46:05	15.89	51.78	34.09	6.74	7.87	11.7	3.062	83.8	2.6	0.6
867	7/24/2016 15:01:05	15.29	51.75	34.05	6.85	7.88	11.8	3.147	84.2	2.7	0.6
868	7/24/2016 15:16:05	14.78	51.71	34.01	7.04	7.90	10.4	3.237	85.7	3.5	0.8
869	7/24/2016 15:31:05	14.56	51.70	34.00	7.14	7.91	10.2	3.318	86.5	2.6	0.6
870	7/24/2016 15:46:05	14.38	51.67	33.97	7.23	7.92	9.8	3.380	87.2	3.0	0.7
871	7/24/2016 16:01:04	14.21	51.66	33.95	7.28	7.93	8.6	3.424	87.5	3.0	0.7
872	7/24/2016 16:16:05	14.04	51.67	33.96	7.32	7.93	5.4	3.488	87.7	2.4	0.6
873	7/24/2016 16:31:05	13.93	51.67	33.95	7.23	7.93	4.2	3.507	86.4	2.6	0.6
874	7/24/2016 16:46:05	13.81	51.72	33.99	6.98	7.92	4.3	3.505	83.3	2.7	0.7
875	7/24/2016 17:01:04	13.98	51.66	33.95	7.07	7.92	4.1	3.489	84.5	2.6	0.6
876	7/24/2016 17:16:05	14.03	51.66	33.95	7.05	7.92	13.9	3.455	84.4	1.6	0.4
877	7/24/2016 17:31:05	14.34	51.63	33.94	7.06	7.92	23.0	3.396	85.1	2.5	0.6
878	7/24/2016 17:46:05	15.31	51.69	34.01	7.02	7.91	17.5	3.297	86.3	3.0	0.7
879	7/24/2016 18:01:05	15.42	51.71	34.03	7.34	7.94	21.8	3.227	90.5	2.3	0.5
880	7/24/2016 18:16:05	16.43	51.78	34.10	7.22	7.93	9.2	3.143	90.8	2.7	0.6
881	7/24/2016 18:31:05	16.86	51.82	34.13	7.21	7.92	8.2	3.044	91.4	2.8	0.7
882	7/24/2016 18:46:05	17.00	51.81	34.13	7.04	7.90	9.9	2.933	89.5	3.2	0.8
883	7/24/2016 19:01:05	17.16	51.85	34.16	7.06	7.90	8.1	2.838	90.1	3.0	0.7
884	7/24/2016 19:16:05	17.51	51.89	34.19	7.06	7.90	8.0	2.768	90.7	3.2	0.8
885	7/24/2016 19:31:05	17.89	51.92	34.22	7.11	7.90	8.9	2.658	91.9	3.3	0.8
886	7/24/2016 19:46:05	18.05	51.91	34.21	6.94	7.89	9.4	2.555	90.1	3.0	0.7
887	7/24/2016 20:01:05	18.23	51.93	34.23	7.09	7.90	9.2	2.477	92.3	3.7	0.9
888	7/24/2016 20:16:05	17.94	51.92	34.22	7.28	7.92	7.9	2.387	94.3	3.5	0.8
889	7/24/2016 20:31:05	18.20	51.97	34.26	6.97	7.89	8.1	2.298	90.8	3.6	0.9
890	7/24/2016 20:46:05	18.39	51.99	34.27	6.94	7.89	7.6	2.193	90.7	3.6	0.8
891	7/24/2016 21:01:05	18.44	52.02	34.29	6.92	7.89	7.5	2.127	90.5	3.8	0.9
892	7/24/2016 21:16:05	18.67	52.02	34.30	6.85	7.88	7.0	2.064	90.0	3.9	0.9
893	7/24/2016 21:31:05	18.63	52.03	34.30	6.89	7.89	6.9	1.993	90.5	3.4	0.8
894	7/24/2016 21:46:05	18.83	52.05	34.32	6.86	7.89	6.5	1.938	90.4	3.9	0.9
895	7/24/2016 22:01:05	19.09	52.06	34.33	6.81	7.88	5.9	1.915	90.1	4.0	0.9
896	7/24/2016 22:16:05	19.42	52.16	34.40	6.67	7.87	4.3	1.907	88.8	5.1	1.2
897	7/24/2016 22:31:05	19.67	52.16	34.40	6.48	7.85	4.8	1.898	86.8	4.6	1.1
898	7/24/2016 22:46:04	19.75	52.21	34.44	6.96	7.88	5.5	1.922	93.3	4.3	1.0
899	7/24/2016 23:01:05	19.51	52.17	34.41	6.88	7.88	5.4	1.961	91.8	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
900	7/24/2016 23:16:05	19.63	52.19	34.42	6.86	7.88	5.8	2.015	91.8	4.6	1.1
901	7/24/2016 23:31:05	19.50	52.19	34.42	6.83	7.87	6.3	2.068	91.2	4.4	1.0
902	7/24/2016 23:46:05	19.44	52.18	34.41	6.77	7.87	6.1	2.142	90.2	4.7	1.1
903	7/25/2016 00:01:05	19.46	52.12	34.37	6.75	7.87	7.9	2.224	90.1	4.5	1.1
904	7/25/2016 00:16:05	19.22	52.11	34.36	6.78	7.87	6.5	2.293	90.0	4.3	1.0
905	7/25/2016 00:31:05	19.01	52.05	34.32	6.76	7.87	6.0	2.359	89.3	3.9	0.9
906	7/25/2016 00:46:05	18.84	52.04	34.31	6.74	7.87	5.4	2.427	88.8	3.9	0.9
907	7/25/2016 01:01:05	18.39	52.00	34.28	6.75	7.86	5.4	2.507	88.1	3.7	0.9
908	7/25/2016 01:16:05	17.87	51.94	34.23	6.72	7.86	5.0	2.564	87.0	3.5	0.8
909	7/25/2016 01:31:06	17.53	51.91	34.21	6.72	7.86	4.8	2.631	86.3	3.0	0.7
910	7/25/2016 01:46:05	17.36	51.89	34.19	6.69	7.86	5.1	2.702	85.7	3.0	0.7
911	7/25/2016 02:01:05	17.12	51.87	34.17	6.71	7.87	4.8	2.761	85.5	2.7	0.6
912	7/25/2016 02:16:05	16.91	51.84	34.15	6.72	7.87	4.7	2.831	85.3	2.5	0.6
913	7/25/2016 02:31:05	16.63	51.83	34.14	6.76	7.87	4.7	2.887	85.4	2.2	0.5
914	7/25/2016 02:46:05	16.32	51.80	34.11	6.80	7.88	4.8	2.960	85.3	2.7	0.6
915	7/25/2016 03:01:05	16.10	51.79	34.10	6.80	7.88	4.9	3.021	85.0	2.8	0.7
916	7/25/2016 03:16:05	15.92	51.77	34.08	6.83	7.88	4.7	3.081	84.9	2.6	0.6
917	7/25/2016 03:31:05	15.60	51.74	34.05	6.90	7.89	5.2	3.141	85.3	2.4	0.6
918	7/25/2016 03:46:05	15.38	51.72	34.03	6.93	7.90	5.2	3.186	85.3	2.7	0.6
919	7/25/2016 04:01:05	15.16	51.74	34.04	6.96	7.90	3.9	3.235	85.3	2.7	0.6
920	7/25/2016 04:16:05	15.02	51.71	34.01	6.96	7.90	3.6	3.255	85.1	3.1	0.7
921	7/25/2016 04:31:05	15.16	51.62	33.96	6.67	7.89	3.7	3.268	81.8	2.7	0.6
922	7/25/2016 04:46:05	14.91	51.73	34.03	6.79	7.89	4.0	3.265	82.8	2.4	0.6
923	7/25/2016 05:01:05	15.19	51.67	33.99	6.73	7.88	3.1	3.245	82.5	2.2	0.5
924	7/25/2016 05:16:05	15.24	51.70	34.01	6.70	7.88	2.9	3.197	82.2	2.4	0.6
925	7/25/2016 05:31:05	15.79	51.75	34.06	6.57	7.87	4.7	3.121	81.6	2.7	0.6
926	7/25/2016 05:46:05	16.30	51.77	34.09	6.42	7.85	6.4	3.063	80.5	2.5	0.6
927	7/25/2016 06:01:05	16.16	51.77	34.09	6.49	7.86	6.7	2.977	81.2	2.7	0.6
928	7/25/2016 06:16:05	16.28	51.80	34.11	6.43	7.85	6.7	2.865	80.6	3.0	0.7
929	7/25/2016 06:31:05	16.69	51.84	34.14	6.30	7.84	8.4	2.783	79.6	2.7	0.6
930	7/25/2016 06:46:05	16.98	51.90	34.19	6.12	7.82	9.0	2.688	77.7	2.3	0.5
931	7/25/2016 07:01:05	17.31	51.92	34.21	5.96	7.80	9.1	2.586	76.2	2.7	0.6
932	7/25/2016 07:16:05	17.37	51.92	34.22	5.80	7.78	9.0	2.487	74.3	3.0	0.7
933	7/25/2016 07:31:05	17.13	51.93	34.22	5.78	7.77	8.4	2.389	73.7	2.9	0.7
934	7/25/2016 07:46:05	17.56	51.98	34.26	5.86	7.79	8.3	2.278	75.4	3.1	0.7
935	7/25/2016 08:01:05	17.61	51.99	34.26	5.87	7.79	7.3	2.180	75.5	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
936	7/25/2016 08:16:05	17.83	52.01	34.28	5.99	7.80	8.1	2.061	77.4	2.5	0.6
937	7/25/2016 08:31:05	18.00	52.01	34.29	6.14	7.82	7.3	1.960	79.6	2.5	0.6
938	7/25/2016 08:46:05	17.93	51.97	34.26	6.14	7.81	6.9	1.871	79.5	2.8	0.7
939	7/25/2016 09:01:05	17.96	52.03	34.30	6.23	7.81	6.8	1.749	80.8	3.4	0.8
940	7/25/2016 09:16:05	18.19	52.08	34.34	6.26	7.82	6.1	1.680	81.5	2.3	0.5
941	7/25/2016 09:31:05	18.33	52.07	34.33	6.26	7.82	6.7	1.619	81.8	2.7	0.6
942	7/25/2016 09:46:05	18.48	52.08	34.34	6.21	7.82	5.7	1.565	81.3	2.7	0.6
943	7/25/2016 10:01:05	18.47	52.04	34.31	6.15	7.81	5.4	1.539	80.5	2.7	0.6
944	7/25/2016 10:16:05	18.54	52.08	34.34	5.94	7.80	4.8	1.512	77.9	2.5	0.6
945	7/25/2016 10:31:05	18.54	52.09	34.35	6.32	7.82	6.2	1.544	82.8	3.7	0.9
946	7/25/2016 10:46:05	18.66	52.13	34.38	6.29	7.82	5.1	1.567	82.7	3.6	0.8
947	7/25/2016 11:01:05	18.72	52.13	34.38	6.19	7.82	5.2	1.602	81.5	3.2	0.8
948	7/25/2016 11:16:05	18.88	52.14	34.39	6.20	7.82	5.1	1.671	81.8	3.8	0.9
949	7/25/2016 11:31:05	18.88	52.14	34.39	6.21	7.82	5.4	1.735	82.0	3.4	0.8
950	7/25/2016 11:46:05	18.78	52.15	34.39	6.17	7.82	5.5	1.817	81.2	2.9	0.7
951	7/25/2016 12:01:05	18.73	52.13	34.37	6.17	7.82	5.3	1.879	81.2	3.2	0.8
952	7/25/2016 12:16:05	18.65	52.07	34.33	6.12	7.81	5.6	1.966	80.4	2.7	0.6
953	7/25/2016 12:31:05	18.57	52.08	34.34	6.11	7.81	5.5	2.045	80.1	3.5	0.8
954	7/25/2016 12:46:05	18.43	52.05	34.32	6.16	7.81	5.6	2.127	80.5	3.0	0.7
955	7/25/2016 13:01:05	18.43	52.04	34.31	6.17	7.82	5.3	2.220	80.7	2.8	0.7
956	7/25/2016 13:16:05	18.27	52.03	34.30	6.03	7.81	5.3	2.298	78.7	3.3	0.8
957	7/25/2016 13:31:05	17.99	51.96	34.25	6.08	7.81	5.6	2.399	78.8	2.7	0.6
958	7/25/2016 13:46:05	17.85	51.94	34.23	6.07	7.81	6.6	2.493	78.5	2.6	0.6
959	7/25/2016 14:01:05	17.77	51.93	34.22	6.10	7.82	6.7	2.580	78.8	2.7	0.6
960	7/25/2016 14:16:06	17.56	51.89	34.19	6.12	7.82	7.2	2.665	78.6	3.1	0.7
961	7/25/2016 14:31:05	17.36	51.86	34.17	6.17	7.82	8.0	2.758	79.0	2.4	0.6
962	7/25/2016 14:46:05	17.19	51.84	34.15	6.22	7.83	8.3	2.843	79.4	2.3	0.5
963	7/25/2016 15:01:05	16.90	51.79	34.11	6.25	7.83	9.2	2.935	79.3	2.7	0.6
964	7/25/2016 15:16:05	16.46	51.70	34.04	6.48	7.85	10.0	3.015	81.5	2.9	0.7
965	7/25/2016 15:31:05	16.02	51.69	34.03	6.66	7.86	9.4	3.104	83.1	2.8	0.7
966	7/25/2016 15:46:05	15.50	51.67	34.00	6.74	7.87	10.2	3.195	83.2	2.8	0.7
967	7/25/2016 16:01:05	14.82	51.65	33.97	6.90	7.90	9.2	3.272	84.0	3.5	0.8
968	7/25/2016 16:16:05	14.34	51.63	33.94	7.10	7.92	7.5	3.355	85.5	2.7	0.6
969	7/25/2016 16:31:05	14.16	51.65	33.95	7.16	7.92	8.1	3.422	86.0	2.9	0.7
970	7/25/2016 16:46:05	14.08	51.63	33.93	7.16	7.93	4.7	3.476	85.9	2.9	0.7
971	7/25/2016 17:01:05	13.99	51.63	33.93	7.17	7.93	3.6	3.514	85.8	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
972	7/25/2016 17:16:05	13.95	51.62	33.92	7.12	7.92	2.8	3.541	85.1	3.4	0.8
973	7/25/2016 17:31:05	13.92	51.63	33.92	6.75	7.91	2.7	3.555	80.6	3.0	0.7
974	7/25/2016 17:46:05	13.99	51.60	33.91	6.94	7.92	3.5	3.534	83.1	2.5	0.6
975	7/25/2016 18:01:05	13.94	51.63	33.92	6.96	7.92	3.7	3.499	83.2	1.7	0.4
976	7/25/2016 18:16:05	14.10	51.61	33.91	6.95	7.91	3.9	3.444	83.4	2.4	0.6
977	7/25/2016 18:31:05	14.64	51.62	33.94	6.96	7.92	5.4	3.369	84.4	3.2	0.8
978	7/25/2016 18:46:05	15.06	51.67	33.99	7.22	7.93	6.5	3.283	88.2	2.5	0.6
979	7/25/2016 19:01:05	15.34	51.73	34.04	7.29	7.93	7.6	3.192	89.7	3.2	0.8
980	7/25/2016 19:16:05	16.63	51.75	34.08	7.19	7.92	8.6	3.109	90.7	3.1	0.7
981	7/25/2016 19:31:05	16.95	51.76	34.09	7.11	7.91	9.8	3.003	90.3	3.3	0.8
982	7/25/2016 19:46:05	17.26	51.75	34.09	7.09	7.90	8.6	2.900	90.5	3.1	0.7
983	7/25/2016 20:01:05	17.49	51.82	34.14	7.17	7.90	7.6	2.818	92.1	2.7	0.6
984	7/25/2016 20:16:05	17.73	51.83	34.15	7.30	7.91	9.0	2.720	94.2	3.2	0.8
985	7/25/2016 20:31:05	17.91	51.83	34.15	6.96	7.88	8.1	2.625	90.0	3.1	0.7
986	7/25/2016 20:46:05	18.03	51.87	34.18	7.05	7.89	8.1	2.533	91.4	3.7	0.9
987	7/25/2016 21:01:05	18.10	51.88	34.19	7.12	7.90	8.6	2.450	92.4	3.6	0.8
988	7/25/2016 21:16:05	17.95	51.89	34.20	6.99	7.89	8.4	2.358	90.6	4.1	1.0
989	7/25/2016 21:31:05	17.99	51.90	34.20	6.87	7.88	7.2	2.250	89.0	2.7	0.6
990	7/25/2016 21:46:05	17.94	51.79	34.12	6.84	7.88	7.9	2.158	88.6	3.8	0.9
991	7/25/2016 22:01:05	18.23	51.93	34.22	6.77	7.87	7.8	2.087	88.1	3.7	0.9
992	7/25/2016 22:16:05	18.39	51.98	34.26	6.72	7.86	6.2	2.002	87.7	3.7	0.9
993	7/25/2016 22:31:05	18.41	52.00	34.28	6.71	7.86	7.1	1.926	87.7	3.6	0.9
994	7/25/2016 22:46:05	18.76	52.02	34.29	6.68	7.86	5.6	1.884	87.8	3.5	0.8
995	7/25/2016 23:01:05	18.91	52.02	34.30	6.59	7.86	5.6	1.852	87.0	3.6	0.9
996	7/25/2016 23:16:05	19.18	52.07	34.33	6.52	7.85	4.3	1.824	86.5	3.7	0.9
997	7/25/2016 23:31:05	19.29	52.09	34.35	6.32	7.83	3.7	1.814	84.1	4.0	1.0
998	7/25/2016 23:46:04	19.40	52.12	34.37	6.85	7.86	4.8	1.846	91.2	4.7	1.1
999	7/26/2016 00:01:05	19.23	52.12	34.37	6.80	7.86	5.1	1.881	90.2	4.9	1.2
1000	7/26/2016 00:16:05	19.41	52.11	34.36	6.80	7.87	5.4	1.916	90.6	4.2	1.0
1001	7/26/2016 00:31:05	19.32	52.09	34.35	6.76	7.86	4.8	1.964	89.9	4.3	1.0
1002	7/26/2016 00:46:05	19.22	52.02	34.30	6.71	7.86	5.7	2.040	89.0	3.6	0.8
1003	7/26/2016 01:01:05	19.36	52.06	34.33	6.65	7.86	7.6	2.119	88.5	4.7	1.1
1004	7/26/2016 01:16:05	19.26	52.06	34.33	6.66	7.86	7.2	2.174	88.4	4.2	1.0
1005	7/26/2016 01:31:05	19.04	51.99	34.28	6.66	7.85	6.2	2.237	88.1	3.8	0.9
1006	7/26/2016 01:46:05	18.88	51.97	34.26	6.66	7.85	5.4	2.319	87.8	3.9	0.9
1007	7/26/2016 02:01:05	18.80	51.97	34.26	6.63	7.85	5.4	2.381	87.3	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1008	7/26/2016 02:16:05	18.37	51.92	34.22	6.63	7.85	5.3	2.436	86.5	3.4	0.8
1009	7/26/2016 02:31:05	18.05	51.85	34.17	6.60	7.85	4.9	2.500	85.7	3.3	0.8
1010	7/26/2016 02:46:05	17.72	51.82	34.14	6.60	7.85	4.6	2.569	85.0	3.5	0.8
1011	7/26/2016 03:01:05	17.51	51.80	34.12	6.60	7.85	4.7	2.628	84.7	2.9	0.7
1012	7/26/2016 03:16:05	17.35	51.78	34.11	6.60	7.85	4.5	2.689	84.4	2.8	0.7
1013	7/26/2016 03:31:05	17.15	51.76	34.09	6.60	7.85	4.2	2.753	84.2	2.7	0.6
1014	7/26/2016 03:46:05	16.92	51.73	34.07	6.64	7.86	4.3	2.811	84.3	3.3	0.8
1015	7/26/2016 04:01:05	16.69	51.73	34.06	6.65	7.86	4.5	2.866	84.1	3.1	0.7
1016	7/26/2016 04:16:05	16.50	51.70	34.04	6.67	7.87	4.4	2.926	83.9	2.8	0.7
1017	7/26/2016 04:31:05	16.39	51.67	34.02	6.65	7.87	4.0	2.978	83.5	2.8	0.7
1018	7/26/2016 04:46:05	16.22	51.67	34.01	6.69	7.87	3.7	3.020	83.7	3.1	0.7
1019	7/26/2016 05:01:05	16.07	51.67	34.01	6.72	7.87	3.6	3.057	83.9	3.2	0.8
1020	7/26/2016 05:16:05	15.91	51.67	34.01	6.73	7.88	3.7	3.101	83.7	2.9	0.7
1021	7/26/2016 05:31:05	15.93	51.70	34.03	6.69	7.87	3.0	3.114	83.2	3.0	0.7
1022	7/26/2016 05:46:05	16.22	51.77	34.08	6.41	7.86	3.7	3.110	80.2	2.5	0.6
1023	7/26/2016 06:01:05	15.80	51.65	33.99	6.54	7.87	3.2	3.101	81.2	2.0	0.5
1024	7/26/2016 06:16:05	16.12	51.64	33.99	6.46	7.86	3.1	3.071	80.6	2.2	0.5
1025	7/26/2016 06:31:05	16.18	51.70	34.03	6.42	7.85	3.6	3.030	80.2	2.0	0.5
1026	7/26/2016 06:46:05	16.71	51.75	34.08	6.24	7.84	6.0	2.945	78.8	2.1	0.5
1027	7/26/2016 07:01:05	16.81	51.76	34.09	6.23	7.83	7.1	2.875	78.9	3.0	0.7
1028	7/26/2016 07:16:05	16.76	51.73	34.06	6.24	7.83	7.9	2.808	78.9	2.9	0.7
1029	7/26/2016 07:31:05	16.86	51.74	34.07	6.21	7.82	7.0	2.717	78.7	2.1	0.5
1030	7/26/2016 07:46:05	17.03	51.78	34.10	6.13	7.82	7.5	2.619	77.9	2.6	0.6
1031	7/26/2016 08:01:05	17.32	51.83	34.14	5.97	7.80	8.1	2.534	76.3	2.3	0.5
1032	7/26/2016 08:16:05	17.38	51.86	34.17	5.84	7.78	6.8	2.458	74.8	2.3	0.5
1033	7/26/2016 08:31:05	17.45	51.87	34.17	5.82	7.78	8.7	2.376	74.7	2.6	0.6
1034	7/26/2016 08:46:05	17.61	51.85	34.17	5.85	7.78	6.9	2.280	75.3	2.9	0.7
1035	7/26/2016 09:01:05	17.83	51.90	34.20	5.89	7.78	7.0	2.188	76.1	3.1	0.7
1036	7/26/2016 09:16:05	17.93	51.91	34.21	5.90	7.78	6.7	2.117	76.5	2.6	0.6
1037	7/26/2016 09:31:05	17.94	51.91	34.21	5.96	7.78	6.1	2.026	77.2	3.2	0.8
1038	7/26/2016 09:46:05	18.06	51.93	34.22	6.16	7.80	5.8	1.940	80.0	2.9	0.7
1039	7/26/2016 10:01:05	18.20	51.92	34.22	6.34	7.82	6.1	1.888	82.5	2.9	0.7
1040	7/26/2016 10:16:05	18.34	51.96	34.25	6.36	7.82	5.6	1.830	83.0	2.8	0.7
1041	7/26/2016 10:31:05	18.32	51.97	34.25	6.33	7.81	4.9	1.774	82.5	2.7	0.6
1042	7/26/2016 10:46:05	18.44	51.98	34.27	6.38	7.83	5.9	1.745	83.4	2.9	0.7
1043	7/26/2016 11:01:05	18.65	52.06	34.33	6.21	7.82	5.4	1.728	81.6	2.9	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	Fluorescence %FS
1044	7/26/2016 11:16:05	18.82	52.06	34.33	5.81	7.79	4.3	1.730	76.5	2.2	0.5
1045	7/26/2016 11:31:05	18.67	52.04	34.31	6.36	7.82	4.8	1.756	83.5	4.5	1.1
1046	7/26/2016 11:46:05	18.73	52.06	34.33	6.21	7.81	4.6	1.775	81.7	3.9	0.9
1047	7/26/2016 12:01:05	18.77	52.06	34.33	6.20	7.82	4.6	1.830	81.7	4.3	1.0
1048	7/26/2016 12:16:05	18.74	52.05	34.32	6.19	7.81	4.8	1.882	81.4	4.3	1.0
1049	7/26/2016 12:31:05	18.73	52.04	34.31	6.17	7.81	5.1	1.940	81.1	3.8	0.9
1050	7/26/2016 12:46:05	18.65	52.03	34.30	6.13	7.81	5.0	2.013	80.5	3.6	0.8
1051	7/26/2016 13:01:05	18.60	52.02	34.29	6.10	7.80	5.8	2.085	80.0	3.9	0.9
1052	7/26/2016 13:16:05	18.54	51.99	34.27	6.07	7.80	5.1	2.158	79.6	3.1	0.7
1053	7/26/2016 13:31:05	18.51	51.99	34.27	5.99	7.80	4.8	2.242	78.5	3.2	0.8
1054	7/26/2016 13:46:05	18.40	51.94	34.24	6.03	7.80	5.0	2.325	78.7	3.7	0.9
1055	7/26/2016 14:01:05	18.20	51.89	34.20	5.92	7.79	5.3	2.402	77.0	3.2	0.7
1056	7/26/2016 14:16:05	17.85	51.83	34.15	5.96	7.80	5.7	2.486	77.1	2.7	0.6
1057	7/26/2016 14:31:05	17.70	51.81	34.13	5.99	7.80	5.8	2.579	77.1	2.9	0.7
1058	7/26/2016 14:46:05	17.60	51.79	34.12	6.02	7.81	6.2	2.657	77.4	2.6	0.6
1059	7/26/2016 15:01:05	17.45	51.76	34.10	6.08	7.81	6.2	2.739	77.9	2.7	0.7
1060	7/26/2016 15:16:05	17.25	51.72	34.07	6.23	7.83	6.8	2.826	79.5	3.5	0.8
1061	7/26/2016 15:31:05	17.12	51.66	34.02	6.37	7.84	7.4	2.907	81.1	2.6	0.6
1062	7/26/2016 15:46:05	16.70	51.65	34.01	6.38	7.84	7.8	2.993	80.5	2.8	0.7
1063	7/26/2016 16:01:05	16.20	51.59	33.96	6.64	7.87	9.0	3.079	83.0	2.9	0.7
1064	7/26/2016 16:16:05	15.81	51.57	33.93	6.76	7.88	8.2	3.164	83.9	2.9	0.7
1065	7/26/2016 16:31:05	15.31	51.55	33.90	6.88	7.89	7.6	3.253	84.6	3.1	0.7
1066	7/26/2016 16:46:05	14.77	51.52	33.87	6.98	7.90	9.5	3.336	84.8	3.2	0.8
1067	7/26/2016 17:01:05	14.33	51.52	33.86	7.09	7.92	8.1	3.411	85.4	3.1	0.7
1068	7/26/2016 17:16:05	14.10	51.50	33.84	7.16	7.92	6.8	3.480	85.8	3.6	0.8
1069	7/26/2016 17:31:05	13.99	51.51	33.84	7.18	7.93	6.8	3.539	85.8	3.5	0.8
1070	7/26/2016 17:46:05	13.90	51.51	33.84	7.21	7.93	4.8	3.583	86.1	3.7	0.9
1071	7/26/2016 18:01:05	13.89	51.51	33.83	7.19	7.93	3.7	3.618	85.8	3.0	0.7
1072	7/26/2016 18:16:05	13.90	51.49	33.82	6.90	7.92	2.2	3.630	82.3	2.1	0.5
1073	7/26/2016 18:31:05	13.93	51.48	33.81	6.94	7.92	4.8	3.627	82.9	2.3	0.5
1074	7/26/2016 18:46:05	13.94	51.51	33.84	7.00	7.92	3.2	3.594	83.6	1.9	0.4
1075	7/26/2016 19:01:04	13.96	51.51	33.84	7.02	7.92	4.2	3.538	83.9	2.6	0.6
1076	7/26/2016 19:16:05	14.38	51.50	33.84	6.97	7.92	4.1	3.487	84.0	2.1	0.5
1077	7/26/2016 19:31:05	15.79	51.52	33.90	7.09	7.92	6.7	3.399	88.0	2.9	0.7
1078	7/26/2016 19:46:05	15.64	51.59	33.94	7.49	7.96	5.6	3.321	92.6	2.6	0.6
1079	7/26/2016 20:01:05	16.64	51.64	34.00	7.24	7.92	7.9	3.219	91.4	3.2	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	Fluorescence %FS
1080	7/26/2016 20:16:05	16.86	51.67	34.02	7.11	7.91	6.7	3.133	90.2	2.5	0.6
1081	7/26/2016 20:31:05	16.88	51.65	34.01	7.00	7.90	6.4	3.044	88.8	3.2	0.8
1082	7/26/2016 20:46:05	17.03	51.63	33.99	6.95	7.89	6.2	2.940	88.3	3.2	0.8
1083	7/26/2016 21:01:05	17.20	51.67	34.03	6.84	7.88	7.6	2.853	87.3	3.3	0.8
1084	7/26/2016 21:16:05	17.19	51.65	34.01	6.67	7.87	6.1	2.763	85.1	3.7	0.9
1085	7/26/2016 21:31:05	17.38	51.68	34.04	6.81	7.88	6.1	2.663	87.2	3.4	0.8
1086	7/26/2016 21:46:05	17.86	51.75	34.09	6.76	7.87	13.3	2.566	87.3	3.7	0.9
1087	7/26/2016 22:01:05	18.24	51.77	34.11	6.65	7.86	8.0	2.473	86.6	3.9	0.9
1088	7/26/2016 22:16:05	17.88	51.81	34.14	6.78	7.87	8.0	2.381	87.7	3.8	0.9
1089	7/26/2016 22:31:05	18.31	51.83	34.15	6.72	7.87	7.0	2.279	87.6	3.9	0.9
1090	7/26/2016 22:46:05	18.34	51.83	34.15	6.75	7.87	7.3	2.185	88.0	4.4	1.0
1091	7/26/2016 23:01:05	18.29	51.88	34.19	6.72	7.87	7.5	2.088	87.6	4.0	0.9
1092	7/26/2016 23:16:05	18.54	51.97	34.26	6.70	7.86	6.7	2.000	87.8	4.0	1.0
1093	7/26/2016 23:31:05	18.68	51.91	34.22	6.65	7.86	6.4	1.926	87.3	3.9	0.9
1094	7/26/2016 23:46:05	18.83	51.97	34.26	6.62	7.86	5.6	1.861	87.1	4.1	1.0
1095	7/27/2016 00:01:04	18.98	51.95	34.25	6.56	7.85	5.4	1.796	86.7	4.1	1.0
1096	7/27/2016 00:16:05	19.26	52.00	34.28	6.56	7.85	5.0	1.772	87.1	4.3	1.0
1097	7/27/2016 00:31:05	19.40	51.97	34.26	6.45	7.84	4.5	1.743	85.9	4.6	1.1
1098	7/27/2016 00:46:05	19.55	52.01	34.29	6.50	7.85	4.2	1.742	86.8	4.9	1.2
1099	7/27/2016 01:01:05	19.49	52.04	34.31	6.87	7.86	4.3	1.756	91.6	5.0	1.2
1100	7/27/2016 01:16:05	19.41	52.05	34.32	6.81	7.86	4.5	1.789	90.7	4.2	1.0
1101	7/27/2016 01:31:05	19.51	52.07	34.34	6.81	7.86	4.9	1.839	90.9	4.6	1.1
1102	7/27/2016 01:46:05	19.43	52.05	34.32	6.78	7.86	5.0	1.893	90.3	4.8	1.1
1103	7/27/2016 02:01:05	19.36	52.04	34.31	6.71	7.85	5.4	1.962	89.3	4.1	1.0
1104	7/27/2016 02:16:05	19.57	52.00	34.28	6.55	7.85	7.1	2.038	87.5	4.7	1.1
1105	7/27/2016 02:31:05	19.44	51.99	34.28	6.57	7.85	6.4	2.096	87.6	4.7	1.1
1106	7/27/2016 02:46:05	19.30	51.97	34.26	6.55	7.85	6.3	2.165	87.0	4.3	1.0
1107	7/27/2016 03:01:05	19.18	51.95	34.24	6.55	7.84	5.8	2.238	86.9	3.9	0.9
1108	7/27/2016 03:16:05	19.06	51.94	34.24	6.54	7.84	5.1	2.311	86.5	4.5	1.1
1109	7/27/2016 03:31:05	18.59	51.88	34.19	6.51	7.84	5.1	2.368	85.3	4.5	1.1
1110	7/27/2016 03:46:05	18.32	51.84	34.16	6.49	7.84	4.6	2.430	84.7	3.8	0.9
1111	7/27/2016 04:01:05	18.06	51.80	34.13	6.49	7.84	4.3	2.498	84.2	3.3	0.8
1112	7/27/2016 04:16:05	17.86	51.78	34.11	6.48	7.84	4.3	2.558	83.7	3.4	0.8
1113	7/27/2016 04:31:05	17.69	51.74	34.09	6.49	7.84	4.4	2.618	83.6	3.4	0.8
1114	7/27/2016 04:46:05	17.46	51.73	34.07	6.50	7.84	4.3	2.677	83.4	3.2	0.8
1115	7/27/2016 05:01:05	17.31	51.70	34.05	6.52	7.85	4.4	2.733	83.3	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1116	7/27/2016 05:16:05	17.05	51.67	34.03	6.53	7.85	4.2	2.791	83.1	3.1	0.7
1117	7/27/2016 05:31:05	16.91	51.62	33.99	6.53	7.85	4.5	2.844	82.8	3.3	0.8
1118	7/27/2016 05:46:05	16.79	51.62	33.98	6.53	7.85	4.2	2.895	82.6	3.2	0.8
1119	7/27/2016 06:01:05	16.66	51.63	33.99	6.51	7.85	3.7	2.942	82.1	2.8	0.7
1120	7/27/2016 06:16:05	16.55	51.60	33.97	6.53	7.86	4.1	2.974	82.2	3.1	0.7
1121	7/27/2016 06:31:05	16.41	51.59	33.95	6.57	7.86	3.8	3.010	82.5	2.5	0.6
1122	7/27/2016 06:46:06	16.39	51.59	33.95	6.50	7.85	4.1	3.026	81.6	2.8	0.7
1123	7/27/2016 07:01:05	16.53	51.62	33.98	6.26	7.84	4.1	3.031	78.8	2.2	0.5
1124	7/27/2016 07:16:05	16.26	51.61	33.97	6.38	7.85	3.4	3.022	79.9	2.4	0.6
1125	7/27/2016 07:31:05	16.47	51.55	33.93	6.26	7.84	3.0	3.001	78.7	2.5	0.6
1126	7/27/2016 07:46:05	16.53	51.58	33.95	6.24	7.83	2.9	2.967	78.5	2.0	0.5
1127	7/27/2016 08:01:05	17.07	51.70	34.05	5.96	7.80	5.6	2.908	75.8	2.6	0.6
1128	7/27/2016 08:16:05	17.20	51.73	34.07	6.07	7.81	6.7	2.846	77.4	2.7	0.6
1129	7/27/2016 08:31:05	17.11	51.69	34.04	6.12	7.81	6.0	2.781	77.9	2.8	0.7
1130	7/27/2016 08:46:05	17.18	51.68	34.04	6.16	7.82	5.6	2.712	78.6	3.0	0.7
1131	7/27/2016 09:01:05	17.29	51.71	34.06	6.16	7.81	6.5	2.617	78.7	2.9	0.7
1132	7/27/2016 09:16:05	17.38	51.78	34.11	6.10	7.80	6.7	2.550	78.1	2.5	0.6
1133	7/27/2016 09:31:05	17.47	51.78	34.11	6.09	7.79	6.1	2.491	78.1	3.2	0.8
1134	7/27/2016 09:46:05	17.66	51.79	34.12	6.09	7.79	6.6	2.417	78.4	3.4	0.8
1135	7/27/2016 10:01:05	17.74	51.82	34.14	6.07	7.79	5.9	2.339	78.3	2.9	0.7
1136	7/27/2016 10:16:05	18.09	51.85	34.17	6.17	7.80	5.5	2.271	80.1	3.2	0.8
1137	7/27/2016 10:31:05	18.22	51.86	34.18	6.22	7.81	5.3	2.221	81.0	3.4	0.8
1138	7/27/2016 10:46:05	18.25	51.87	34.18	6.31	7.81	5.1	2.147	82.1	3.2	0.8
1139	7/27/2016 11:01:05	18.32	51.86	34.17	6.46	7.82	5.1	2.084	84.3	3.1	0.7
1140	7/27/2016 11:16:05	18.39	51.86	34.17	6.52	7.83	5.0	2.044	85.1	2.7	0.6
1141	7/27/2016 11:31:05	18.58	51.88	34.19	6.62	7.84	4.6	2.012	86.8	3.2	0.8
1142	7/27/2016 11:46:05	18.75	51.91	34.21	6.49	7.83	4.2	1.989	85.4	3.3	0.8
1143	7/27/2016 12:01:05	18.87	51.87	34.18	6.30	7.82	5.6	1.957	83.0	2.7	0.6
1144	7/27/2016 12:16:05	18.98	51.93	34.23	6.15	7.82	13.0	1.959	81.2	4.1	1.0
1145	7/27/2016 12:31:05	18.95	51.92	34.22	6.56	7.83	4.5	1.975	86.6	3.9	0.9
1146	7/27/2016 12:46:05	18.81	51.91	34.21	6.48	7.83	5.4	2.002	85.2	4.1	1.0
1147	7/27/2016 13:01:05	18.82	51.87	34.19	6.37	7.82	5.2	2.038	83.8	4.2	1.0
1148	7/27/2016 13:16:05	18.86	51.89	34.20	6.30	7.82	4.9	2.086	83.0	4.4	1.0
1149	7/27/2016 13:31:05	18.83	51.90	34.21	6.23	7.81	6.1	2.148	82.0	4.1	1.0
1150	7/27/2016 13:46:05	18.70	51.88	34.19	6.20	7.81	5.5	2.222	81.5	4.2	1.0
1151	7/27/2016 14:01:05	18.59	51.87	34.18	6.18	7.81	5.3	2.294	81.0	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1152	7/27/2016 14:16:05	18.51	51.85	34.17	6.18	7.81	5.0	2.362	80.8	3.9	0.9
1153	7/27/2016 14:31:05	18.40	51.82	34.14	6.24	7.81	5.0	2.435	81.5	4.0	0.9
1154	7/27/2016 14:46:05	18.11	51.75	34.10	6.23	7.81	5.2	2.524	80.9	4.2	1.0
1155	7/27/2016 15:01:05	17.94	51.72	34.07	6.27	7.81	5.3	2.589	81.1	3.4	0.8
1156	7/27/2016 15:16:05	17.63	51.66	34.02	6.35	7.83	4.9	2.667	81.6	3.8	0.9
1157	7/27/2016 15:31:05	17.42	51.62	33.99	6.37	7.83	4.8	2.742	81.5	3.5	0.8
1158	7/27/2016 15:46:05	17.34	51.61	33.98	6.40	7.84	5.2	2.821	81.8	3.6	0.8
1159	7/27/2016 16:01:05	17.25	51.57	33.95	6.45	7.84	6.5	2.905	82.3	2.7	0.7
1160	7/27/2016 16:16:05	17.11	51.54	33.93	6.57	7.85	7.6	2.981	83.7	2.8	0.7
1161	7/27/2016 16:31:05	16.68	51.49	33.89	6.64	7.86	7.5	3.072	83.8	2.9	0.7
1162	7/27/2016 16:46:05	16.16	51.45	33.85	6.80	7.87	9.8	3.157	84.9	2.8	0.7
1163	7/27/2016 17:01:05	15.82	51.40	33.80	6.97	7.89	9.0	3.243	86.4	3.2	0.8
1164	7/27/2016 17:16:05	15.37	51.38	33.78	7.13	7.90	8.7	3.324	87.6	3.6	0.9
1165	7/27/2016 17:31:05	14.95	51.37	33.76	7.25	7.91	7.2	3.406	88.4	3.4	0.8
1166	7/27/2016 17:46:05	14.48	51.36	33.74	7.37	7.93	7.8	3.491	88.9	3.8	0.9
1167	7/27/2016 18:01:05	14.13	51.35	33.73	7.43	7.93	7.6	3.555	89.1	3.8	0.9
1168	7/27/2016 18:16:05	13.97	51.36	33.73	7.46	7.94	6.3	3.609	89.2	4.7	1.1
1169	7/27/2016 18:31:05	13.83	51.37	33.73	7.49	7.94	5.3	3.664	89.2	4.2	1.0
1170	7/27/2016 18:46:04	13.72	51.35	33.71	7.48	7.94	3.6	3.702	88.9	4.1	1.0
1171	7/27/2016 19:01:04	13.67	51.38	33.73	7.46	7.94	2.9	3.725	88.6	3.3	0.8
1172	7/27/2016 19:16:05	13.94	51.26	33.66	7.32	7.93	3.7	3.723	87.3	2.7	0.6
1173	7/27/2016 19:31:05	13.69	51.39	33.74	7.37	7.93	3.8	3.705	87.6	3.4	0.8
1174	7/27/2016 19:46:05	13.90	51.31	33.69	7.26	7.93	2.9	3.673	86.6	3.2	0.8
1175	7/27/2016 20:01:05	14.12	51.33	33.71	7.29	7.93	3.1	3.621	87.4	2.4	0.6
1176	7/27/2016 20:16:05	14.77	51.39	33.77	7.19	7.92	6.5	3.543	87.3	3.0	0.7
1177	7/27/2016 20:31:05	15.97	51.45	33.85	7.47	7.95	7.2	3.471	92.9	3.2	0.8
1178	7/27/2016 20:46:05	15.78	51.39	33.80	7.41	7.93	5.6	3.385	91.8	3.5	0.8
1179	7/27/2016 21:01:05	16.25	51.47	33.87	7.20	7.91	5.5	3.286	90.1	3.0	0.7
1180	7/27/2016 21:16:05	16.51	51.47	33.87	7.12	7.90	7.3	3.191	89.5	3.8	0.9
1181	7/27/2016 21:31:05	16.61	51.46	33.86	7.06	7.90	7.9	3.092	88.9	3.5	0.8
1182	7/27/2016 21:46:05	16.80	51.47	33.87	6.92	7.88	7.8	2.998	87.5	3.3	0.8
1183	7/27/2016 22:01:05	16.80	51.47	33.87	6.88	7.88	6.7	2.910	86.9	3.6	0.8
1184	7/27/2016 22:16:05	17.26	51.51	33.91	6.78	7.87	8.1	2.810	86.6	3.7	0.9
1185	7/27/2016 22:31:05	17.49	51.52	33.92	6.79	7.87	7.9	2.698	87.0	4.1	1.0
1186	7/27/2016 22:46:05	17.44	51.59	33.97	6.81	7.87	6.7	2.597	87.2	3.8	0.9
1187	7/27/2016 23:01:06	17.92	51.63	34.00	6.73	7.86	6.5	2.509	87.1	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1188	7/27/2016 23:16:05	18.40	51.69	34.05	6.66	7.85	6.8	2.403	86.9	4.5	1.1
1189	7/27/2016 23:31:05	18.25	51.69	34.05	6.66	7.86	7.0	2.284	86.7	4.4	1.0
1190	7/27/2016 23:46:05	18.37	51.74	34.09	6.68	7.86	7.3	2.190	87.1	5.0	1.2
1191	7/28/2016 00:01:05	18.40	51.75	34.10	6.70	7.86	7.0	2.095	87.4	4.3	1.0
1192	7/28/2016 00:16:05	18.66	51.77	34.11	6.66	7.85	6.6	1.978	87.3	4.5	1.1
1193	7/28/2016 00:31:05	18.77	51.75	34.10	6.59	7.85	6.4	1.881	86.6	4.5	1.1
1194	7/28/2016 00:46:05	18.88	51.80	34.13	6.53	7.84	7.6	1.792	86.0	4.8	1.1
1195	7/28/2016 01:01:05	18.97	51.80	34.14	6.47	7.84	6.2	1.736	85.4	4.4	1.1
1196	7/28/2016 01:16:05	19.11	51.85	34.17	6.47	7.83	5.4	1.672	85.6	4.8	1.1
1197	7/28/2016 01:31:05	19.31	51.85	34.17	6.54	7.83	5.0	1.636	86.9	5.4	1.3
1198	7/28/2016 01:46:05	19.50	51.91	34.22	6.45	7.83	4.2	1.624	86.0	5.2	1.2
1199	7/28/2016 02:01:05	19.58	51.93	34.23	6.71	7.84	4.8	1.633	89.6	6.3	1.5
1200	7/28/2016 02:16:05	19.61	51.94	34.24	6.77	7.85	4.6	1.645	90.5	5.5	1.3
1201	7/28/2016 02:31:05	19.53	51.94	34.23	6.76	7.85	4.6	1.690	90.2	4.9	1.2
1202	7/28/2016 02:46:05	19.65	51.94	34.23	6.82	7.86	4.4	1.746	91.1	4.9	1.2
1203	7/28/2016 03:01:05	19.52	51.93	34.23	6.78	7.85	4.8	1.812	90.4	4.6	1.1
1204	7/28/2016 03:16:05	19.53	51.91	34.22	6.69	7.85	5.1	1.888	89.2	4.9	1.2
1205	7/28/2016 03:31:05	19.76	51.88	34.20	6.48	7.84	6.6	1.957	86.7	5.6	1.3
1206	7/28/2016 03:46:05	19.57	51.88	34.19	6.53	7.84	6.5	2.031	87.2	5.3	1.3
1207	7/28/2016 04:01:05	19.37	51.84	34.16	6.56	7.84	5.7	2.110	87.2	4.8	1.1
1208	7/28/2016 04:16:05	19.26	51.84	34.17	6.54	7.84	5.0	2.178	86.8	4.9	1.2
1209	7/28/2016 04:31:05	19.11	51.81	34.14	6.51	7.83	5.3	2.237	86.1	4.8	1.1
1210	7/28/2016 04:46:05	18.66	51.75	34.09	6.50	7.83	5.1	2.316	85.3	4.7	1.1
1211	7/28/2016 05:01:05	18.37	51.67	34.04	6.50	7.83	4.5	2.376	84.7	4.1	1.0
1212	7/28/2016 05:16:05	18.21	51.63	34.01	6.49	7.83	4.0	2.432	84.4	3.7	0.9
1213	7/28/2016 05:31:05	18.06	51.63	34.01	6.49	7.83	4.2	2.505	84.1	3.8	0.9
1214	7/28/2016 05:46:05	17.92	51.60	33.98	6.52	7.84	4.1	2.577	84.3	3.9	0.9
1215	7/28/2016 06:01:05	17.70	51.58	33.96	6.56	7.84	4.4	2.636	84.4	3.8	0.9
1216	7/28/2016 06:16:05	17.53	51.55	33.95	6.55	7.84	4.1	2.700	84.0	3.7	0.9
1217	7/28/2016 06:31:05	17.31	51.50	33.90	6.56	7.84	4.7	2.750	83.8	3.6	0.8
1218	7/28/2016 06:46:06	17.16	51.47	33.88	6.56	7.84	4.3	2.815	83.6	3.0	0.7
1219	7/28/2016 07:01:05	17.03	51.47	33.88	6.55	7.84	4.5	2.862	83.2	3.0	0.7
1220	7/28/2016 07:16:05	16.89	51.47	33.88	6.55	7.84	3.9	2.908	82.9	2.6	0.6
1221	7/28/2016 07:31:05	16.74	51.45	33.86	6.57	7.85	4.0	2.951	83.0	2.7	0.7
1222	7/28/2016 07:46:05	16.60	51.45	33.86	6.57	7.84	4.0	2.992	82.8	3.4	0.8
1223	7/28/2016 08:01:05	16.46	51.42	33.83	6.56	7.85	4.7	3.023	82.4	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
1224	7/28/2016 08:16:05	16.45	51.42	33.83	6.40	7.84	2.9	3.028	80.4	2.8	0.7
1225	7/28/2016 08:31:05	16.63	51.47	33.87	6.35	7.83	3.4	3.033	80.0	2.8	0.7
1226	7/28/2016 08:46:05	16.37	51.42	33.83	6.33	7.84	3.1	3.017	79.4	2.0	0.5
1227	7/28/2016 09:01:05	16.46	51.43	33.84	6.28	7.83	3.1	2.999	78.9	2.5	0.6
1228	7/28/2016 09:16:06	16.64	51.45	33.86	6.31	7.83	3.9	2.953	79.5	3.2	0.8
1229	7/28/2016 09:31:05	16.99	51.50	33.90	6.21	7.82	3.7	2.895	78.8	2.4	0.6
1230	7/28/2016 09:46:05	17.14	51.53	33.93	6.37	7.83	6.0	2.848	81.1	2.4	0.6
1231	7/28/2016 10:01:05	17.25	51.51	33.91	6.48	7.83	5.7	2.776	82.7	3.0	0.7
1232	7/28/2016 10:16:05	17.31	51.53	33.93	6.53	7.84	5.2	2.704	83.5	2.7	0.6
1233	7/28/2016 10:31:05	17.43	51.50	33.91	6.65	7.84	5.0	2.646	85.2	3.1	0.7
1234	7/28/2016 10:46:06	17.57	51.58	33.96	6.62	7.84	4.9	2.573	85.0	3.5	0.8
1235	7/28/2016 11:01:05	17.81	51.60	33.98	6.63	7.83	5.9	2.516	85.5	3.0	0.7
1236	7/28/2016 11:16:05	17.89	51.59	33.97	6.92	7.85	4.5	2.457	89.4	3.6	0.9
1237	7/28/2016 11:31:05	18.08	51.67	34.04	6.82	7.84	4.8	2.388	88.4	3.6	0.9
1238	7/28/2016 11:46:05	18.27	51.66	34.03	6.82	7.84	4.8	2.328	88.8	3.5	0.8
1239	7/28/2016 12:01:05	18.49	51.66	34.03	7.28	7.87	4.7	2.292	95.1	3.5	0.8
1240	7/28/2016 12:16:05	18.68	51.72	34.07	6.97	7.86	4.4	2.248	91.5	2.9	0.7
1241	7/28/2016 12:31:05	18.82	51.70	34.06	6.84	7.85	4.3	2.192	90.0	3.5	0.8
1242	7/28/2016 12:46:05	18.94	51.66	34.03	7.41	7.88	4.0	2.177	97.7	3.1	0.7
1243	7/28/2016 13:01:05	19.06	51.71	34.07	6.68	7.84	3.4	2.154	88.2	3.2	0.8
1244	7/28/2016 13:16:05	19.04	51.70	34.06	6.88	7.85	4.3	2.149	90.9	4.0	1.0
1245	7/28/2016 13:31:05	19.02	51.70	34.06	7.07	7.86	4.3	2.167	93.3	4.4	1.0
1246	7/28/2016 13:46:05	19.10	51.73	34.08	6.80	7.84	4.0	2.163	89.9	4.9	1.2
1247	7/28/2016 14:01:05	18.99	51.70	34.06	6.71	7.84	4.5	2.207	88.5	4.9	1.2
1248	7/28/2016 14:16:05	19.08	51.70	34.06	6.60	7.83	4.7	2.262	87.2	5.0	1.2
1249	7/28/2016 14:31:05	18.87	51.68	34.04	6.47	7.82	5.1	2.303	85.2	4.8	1.1
1250	7/28/2016 14:46:05	18.70	51.64	34.02	6.46	7.82	4.8	2.364	84.8	5.4	1.3
1251	7/28/2016 15:01:05	18.50	51.60	33.98	6.52	7.82	4.8	2.428	85.3	5.0	1.2
1252	7/28/2016 15:16:05	18.34	51.58	33.97	6.58	7.83	4.4	2.493	85.8	4.9	1.2
1253	7/28/2016 15:31:05	18.23	51.55	33.95	6.66	7.84	4.8	2.565	86.6	4.2	1.0
1254	7/28/2016 15:46:05	17.97	51.53	33.93	6.64	7.84	4.5	2.632	85.9	4.3	1.0
1255	7/28/2016 16:01:05	17.82	51.50	33.90	6.66	7.84	4.3	2.701	85.9	4.4	1.0
1256	7/28/2016 16:16:05	17.53	51.46	33.87	6.67	7.85	4.3	2.786	85.5	3.8	0.9
1257	7/28/2016 16:31:05	17.26	51.43	33.85	6.66	7.85	5.1	2.855	85.0	3.4	0.8
1258	7/28/2016 16:46:05	17.18	51.42	33.84	6.65	7.85	4.8	2.930	84.7	4.0	1.0
1259	7/28/2016 17:01:05	16.99	51.39	33.82	6.72	7.86	5.0	3.018	85.2	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1260	7/28/2016 17:16:05	16.67	51.32	33.77	6.82	7.86	5.9	3.102	85.9	3.9	0.9
1261	7/28/2016 17:31:05	16.30	51.29	33.73	6.93	7.87	6.4	3.186	86.7	3.8	0.9
1262	7/28/2016 17:46:05	15.76	51.25	33.70	7.16	7.89	8.2	3.274	88.6	3.5	0.8
1263	7/28/2016 18:01:05	15.33	51.22	33.66	7.28	7.90	7.9	3.361	89.3	3.8	0.9
1264	7/28/2016 18:16:05	14.91	51.22	33.66	7.38	7.91	6.9	3.442	89.7	3.4	0.8
1265	7/28/2016 18:31:05	14.38	51.24	33.65	7.41	7.91	5.9	3.524	89.2	3.7	0.9
1266	7/28/2016 18:46:05	13.90	51.23	33.63	7.44	7.91	6.4	3.593	88.7	4.2	1.0
1267	7/28/2016 19:01:05	13.49	51.26	33.64	7.46	7.91	5.7	3.664	88.2	5.2	1.2
1268	7/28/2016 19:16:04	13.33	51.26	33.64	7.50	7.91	4.5	3.723	88.4	4.6	1.1
1269	7/28/2016 19:31:04	13.19	51.28	33.64	7.51	7.91	4.3	3.763	88.2	4.3	1.0
1270	7/28/2016 19:46:04	13.10	51.30	33.66	7.49	7.91	3.1	3.798	87.8	3.9	0.9
1271	7/28/2016 20:01:04	13.07	51.30	33.65	7.36	7.90	2.3	3.817	86.3	4.5	1.1
1272	7/28/2016 20:16:04	13.15	51.29	33.65	7.34	7.90	3.7	3.812	86.2	3.8	0.9
1273	7/28/2016 20:31:04	13.16	51.26	33.63	7.27	7.89	3.1	3.794	85.4	3.1	0.7
1274	7/28/2016 20:46:04	13.22	51.27	33.63	7.33	7.90	2.8	3.756	86.2	2.9	0.7
1275	7/28/2016 21:01:04	14.65	50.84	33.37	7.19	7.90	3.9	3.695	86.9	3.7	0.9
1276	7/28/2016 21:16:05	14.89	51.26	33.68	7.12	7.90	5.6	3.626	86.6	3.7	0.9
1277	7/28/2016 21:31:05	15.23	51.28	33.71	7.15	7.91	5.4	3.543	87.6	4.9	1.2
1278	7/28/2016 21:46:05	15.65	51.30	33.73	7.25	7.90	7.5	3.446	89.6	4.1	1.0
1279	7/28/2016 22:01:05	15.65	51.30	33.73	7.15	7.90	6.4	3.351	88.4	4.3	1.0
1280	7/28/2016 22:16:05	16.04	51.38	33.80	7.19	7.90	5.9	3.260	89.6	3.1	0.7
1281	7/28/2016 22:31:05	16.40	51.40	33.82	7.23	7.90	5.7	3.158	90.7	3.4	0.8
1282	7/28/2016 22:46:05	16.54	51.36	33.79	7.11	7.89	6.3	3.054	89.3	3.8	0.9
1283	7/28/2016 23:01:05	16.48	51.35	33.78	7.04	7.89	5.2	2.950	88.4	4.0	1.0
1284	7/28/2016 23:16:05	16.94	51.41	33.83	6.89	7.87	7.1	2.833	87.3	4.0	1.0
1285	7/28/2016 23:31:05	16.73	51.43	33.84	6.90	7.87	6.1	2.729	87.0	4.2	1.0
1286	7/28/2016 23:46:05	17.54	51.47	33.88	6.82	7.87	5.9	2.613	87.4	4.8	1.1
1287	7/29/2016 00:01:05	17.72	51.55	33.94	6.79	7.87	8.7	2.489	87.4	4.8	1.1
1288	7/29/2016 00:16:05	17.96	51.56	33.95	6.72	7.85	6.6	2.394	86.9	5.2	1.2
1289	7/29/2016 00:31:05	18.21	51.54	33.94	6.68	7.85	7.4	2.266	86.8	4.9	1.2
1290	7/29/2016 00:46:05	18.46	51.61	33.99	6.78	7.86	7.2	2.152	88.6	5.7	1.4
1291	7/29/2016 01:01:05	18.57	51.65	34.02	6.84	7.86	7.5	2.029	89.5	5.7	1.3
1292	7/29/2016 01:16:05	18.83	51.62	34.00	6.77	7.87	7.2	1.923	89.0	5.4	1.3
1293	7/29/2016 01:31:05	18.87	51.65	34.02	6.74	7.86	6.7	1.802	88.8	5.5	1.3
1294	7/29/2016 01:46:05	19.00	51.67	34.04	6.69	7.85	6.8	1.699	88.3	5.7	1.4
1295	7/29/2016 02:01:05	19.24	51.67	34.04	6.68	7.85	6.4	1.619	88.5	5.6	1.3

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1296	7/29/2016 02:16:05	19.31	51.70	34.06	6.66	7.84	5.9	1.565	88.4	5.9	1.4
1297	7/29/2016 02:31:05	19.50	51.71	34.06	6.68	7.84	5.7	1.485	88.9	5.9	1.4
1298	7/29/2016 02:46:05	19.70	51.74	34.09	6.67	7.85	5.2	1.453	89.3	6.1	1.4
1299	7/29/2016 03:01:05	19.86	51.77	34.11	6.51	7.83	4.3	1.477	87.3	5.7	1.3
1300	7/29/2016 03:16:05	19.83	51.77	34.11	6.87	7.86	4.9	1.494	92.1	6.2	1.5
1301	7/29/2016 03:31:04	19.69	51.76	34.10	6.86	7.86	6.5	1.521	91.7	5.9	1.4
1302	7/29/2016 03:46:05	19.83	51.79	34.13	6.93	7.87	4.6	1.593	92.9	6.0	1.4
1303	7/29/2016 04:01:05	19.77	51.75	34.10	6.94	7.87	5.0	1.666	92.9	5.8	1.4
1304	7/29/2016 04:16:05	19.71	51.76	34.10	6.87	7.86	5.4	1.735	91.9	5.5	1.3
1305	7/29/2016 04:31:05	19.95	51.74	34.09	6.73	7.86	6.7	1.805	90.4	6.0	1.4
1306	7/29/2016 04:46:05	19.98	51.73	34.08	6.68	7.86	6.7	1.894	89.8	6.1	1.5
1307	7/29/2016 05:01:05	19.69	51.70	34.06	6.74	7.86	5.8	1.971	90.1	5.6	1.3
1308	7/29/2016 05:16:05	19.58	51.71	34.07	6.72	7.86	5.4	2.033	89.7	5.7	1.3
1309	7/29/2016 05:31:05	19.48	51.70	34.06	6.71	7.85	5.6	2.115	89.4	5.5	1.3
1310	7/29/2016 05:46:05	19.05	51.57	33.97	6.67	7.85	5.1	2.192	88.1	5.5	1.3
1311	7/29/2016 06:01:05	18.66	51.57	33.97	6.62	7.84	4.7	2.265	86.8	5.3	1.3
1312	7/29/2016 06:16:05	18.45	51.54	33.94	6.60	7.84	5.0	2.333	86.1	4.7	1.1
1313	7/29/2016 06:31:05	18.26	51.51	33.92	6.59	7.84	4.7	2.405	85.8	3.6	0.8
1314	7/29/2016 06:46:05	18.07	51.49	33.90	6.64	7.84	4.8	2.491	86.0	4.2	1.0
1315	7/29/2016 07:01:05	17.86	51.49	33.90	6.66	7.84	4.7	2.552	85.9	4.0	1.0
1316	7/29/2016 07:16:05	17.68	51.46	33.88	6.68	7.84	4.7	2.625	85.9	3.7	0.9
1317	7/29/2016 07:31:05	17.46	51.42	33.84	6.66	7.84	5.0	2.692	85.2	3.9	0.9
1318	7/29/2016 07:46:05	17.29	51.40	33.83	6.62	7.84	5.3	2.759	84.5	3.3	0.8
1319	7/29/2016 08:01:05	17.10	51.36	33.80	6.59	7.84	4.8	2.831	83.8	3.7	0.9
1320	7/29/2016 08:16:05	16.80	51.32	33.77	6.58	7.84	5.2	2.884	83.1	3.4	0.8
1321	7/29/2016 08:31:05	16.57	51.33	33.77	6.53	7.84	4.8	2.949	82.1	3.6	0.8
1322	7/29/2016 08:46:05	16.38	51.31	33.75	6.45	7.83	5.0	2.997	80.9	3.0	0.7
1323	7/29/2016 09:01:05	16.24	51.31	33.75	6.43	7.83	4.2	3.042	80.4	3.5	0.8
1324	7/29/2016 09:16:05	16.15	51.30	33.74	6.41	7.83	4.2	3.087	79.9	3.4	0.8
1325	7/29/2016 09:31:05	16.04	51.27	33.71	6.34	7.82	3.9	3.101	78.9	3.1	0.7
1326	7/29/2016 09:46:05	16.44	51.49	33.88	6.14	7.81	4.8	3.115	77.1	2.8	0.7
1327	7/29/2016 10:01:06	15.79	51.27	33.71	6.33	7.82	3.2	3.113	78.4	3.3	0.8
1328	7/29/2016 10:16:05	16.01	51.23	33.69	6.29	7.82	3.0	3.096	78.2	2.5	0.6
1329	7/29/2016 10:31:05	16.32	51.28	33.73	6.25	7.82	3.2	3.049	78.3	3.2	0.8
1330	7/29/2016 10:46:05	16.69	51.25	33.71	6.32	7.82	45.8	2.992	79.6	3.0	0.7
1331	7/29/2016 11:01:05	16.88	51.34	33.78	6.54	7.84	4.8	2.951	82.7	3.2	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	Fluorescence %FS
1332	7/29/2016 11:16:05	17.07	51.32	33.77	6.69	7.85	4.4	2.889	85.0	3.3	0.8
1333	7/29/2016 11:31:05	17.38	51.36	33.80	6.97	7.86	4.7	2.800	89.1	3.3	0.8
1334	7/29/2016 11:46:05	17.58	51.38	33.82	7.04	7.87	5.3	2.733	90.3	2.8	0.7
1335	7/29/2016 12:01:05	17.76	51.40	33.83	6.90	7.86	4.7	2.677	88.8	3.1	0.7
1336	7/29/2016 12:16:05	18.02	51.43	33.86	6.92	7.86	4.5	2.609	89.5	4.0	0.9
1337	7/29/2016 12:31:05	18.34	51.46	33.88	7.03	7.87	4.1	2.525	91.6	3.4	0.8
1338	7/29/2016 12:46:05	18.57	51.50	33.91	6.98	7.86	4.5	2.476	91.3	3.8	0.9
1339	7/29/2016 13:01:05	18.89	51.54	33.94	6.94	7.86	4.6	2.428	91.4	3.8	0.9
1340	7/29/2016 13:16:05	19.05	51.51	33.92	7.13	7.87	4.3	2.382	94.1	4.2	1.0
1341	7/29/2016 13:31:05	19.18	51.50	33.91	7.20	7.87	3.6	2.330	95.2	3.0	0.7
1342	7/29/2016 13:46:05	19.33	51.58	33.97	7.05	7.86	3.9	2.295	93.5	3.4	0.8
1343	7/29/2016 14:01:05	19.40	51.55	33.95	7.17	7.87	4.8	2.270	95.3	3.8	0.9
1344	7/29/2016 14:16:05	19.62	51.54	33.94	7.37	7.90	4.2	2.247	98.3	3.3	0.8
1345	7/29/2016 14:31:05	19.50	51.54	33.94	8.06	7.93	5.1	2.253	107.2	4.5	1.1
1346	7/29/2016 14:46:05	19.36	51.57	33.96	7.53	7.90	4.3	2.253	100.0	5.2	1.2
1347	7/29/2016 15:01:05	19.35	51.53	33.93	7.67	7.90	5.0	2.274	101.8	5.0	1.2
1348	7/29/2016 15:16:05	19.31	51.55	33.95	7.32	7.88	4.5	2.316	97.1	4.9	1.2
1349	7/29/2016 15:31:05	19.30	51.53	33.93	7.25	7.87	4.5	2.347	96.2	5.9	1.4
1350	7/29/2016 15:46:05	19.07	51.46	33.88	7.18	7.87	4.9	2.405	94.8	5.3	1.3
1351	7/29/2016 16:01:05	18.89	51.43	33.86	7.22	7.87	5.4	2.469	95.0	5.2	1.2
1352	7/29/2016 16:16:05	18.66	51.39	33.83	7.30	7.88	5.1	2.525	95.7	5.3	1.3
1353	7/29/2016 16:31:05	18.51	51.40	33.84	7.22	7.87	5.1	2.600	94.3	5.4	1.3
1354	7/29/2016 16:46:05	18.26	51.37	33.81	7.00	7.86	5.4	2.668	90.9	4.8	1.1
1355	7/29/2016 17:01:06	18.04	51.32	33.78	6.99	7.86	4.5	2.740	90.4	4.6	1.1
1356	7/29/2016 17:16:05	17.71	51.28	33.75	6.85	7.85	4.7	2.823	88.0	4.4	1.0
1357	7/29/2016 17:31:05	17.21	51.26	33.72	6.76	7.84	5.1	2.904	86.1	4.5	1.1
1358	7/29/2016 17:46:05	16.96	51.24	33.71	6.78	7.85	5.4	2.985	85.9	4.5	1.1
1359	7/29/2016 18:01:05	16.69	51.20	33.67	6.82	7.85	5.7	3.068	86.0	4.2	1.0
1360	7/29/2016 18:16:05	16.19	51.17	33.65	6.92	7.85	7.0	3.155	86.4	3.9	0.9
1361	7/29/2016 18:31:05	15.53	51.14	33.61	7.04	7.86	7.6	3.243	86.7	4.0	1.0
1362	7/29/2016 18:46:05	15.01	51.10	33.57	7.26	7.88	8.1	3.333	88.5	3.8	0.9
1363	7/29/2016 19:01:05	14.64	51.07	33.54	7.38	7.89	8.2	3.419	89.2	4.5	1.1
1364	7/29/2016 19:16:05	14.03	51.09	33.53	7.46	7.89	7.3	3.505	89.2	4.6	1.1
1365	7/29/2016 19:31:04	13.63	51.08	33.51	7.52	7.90	7.2	3.583	89.1	5.0	1.2
1366	7/29/2016 19:46:04	13.24	51.09	33.51	7.71	7.91	8.0	3.656	90.6	5.1	1.2
1367	7/29/2016 20:01:04	12.99	51.13	33.52	7.93	7.92	5.6	3.729	92.7	5.2	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1368	7/29/2016 20:16:04	12.88	51.14	33.52	8.08	7.93	4.8	3.779	94.3	5.0	1.2
1369	7/29/2016 20:31:04	12.76	51.12	33.51	8.23	7.94	4.3	3.825	95.8	5.2	1.2
1370	7/29/2016 20:46:05	12.69	51.17	33.54	8.30	7.95	4.0	3.862	96.4	5.1	1.2
1371	7/29/2016 21:01:04	12.67	51.14	33.52	8.22	7.94	3.2	3.878	95.5	4.6	1.1
1372	7/29/2016 21:16:05	12.76	51.17	33.54	7.88	7.93	2.8	3.872	91.7	5.1	1.2
1373	7/29/2016 21:31:04	12.72	51.15	33.53	8.10	7.94	3.1	3.855	94.2	4.0	1.0
1374	7/29/2016 21:46:05	12.83	51.19	33.56	8.03	7.94	3.7	3.825	93.6	3.7	0.9
1375	7/29/2016 22:01:05	14.80	51.24	33.67	7.42	7.92	4.5	3.755	90.2	3.8	0.9
1376	7/29/2016 22:16:05	14.57	51.25	33.67	7.31	7.90	7.2	3.673	88.4	4.5	1.1
1377	7/29/2016 22:31:05	14.58	51.28	33.69	7.14	7.88	5.6	3.590	86.3	4.1	1.0
1378	7/29/2016 22:46:05	14.07	51.26	33.66	7.48	7.91	4.9	3.496	89.5	5.4	1.3
1379	7/29/2016 23:01:05	15.13	51.27	33.70	7.21	7.89	5.8	3.397	88.1	4.9	1.2
1380	7/29/2016 23:16:05	15.77	51.28	33.72	7.24	7.90	6.8	3.275	89.7	4.7	1.1
1381	7/29/2016 23:31:05	15.88	51.27	33.71	7.23	7.90	10.1	3.156	89.7	5.2	1.2
1382	7/29/2016 23:46:05	16.11	51.30	33.74	7.06	7.88	8.6	3.062	88.0	4.3	1.0
1383	7/30/2016 00:01:05	16.41	51.31	33.75	6.97	7.87	5.8	2.938	87.4	4.5	1.1
1384	7/30/2016 00:16:05	16.88	51.35	33.79	6.93	7.87	10.9	2.806	87.7	4.6	1.1
1385	7/30/2016 00:31:05	16.94	51.35	33.79	6.92	7.87	7.4	2.708	87.7	4.8	1.1
1386	7/30/2016 00:46:05	17.03	51.41	33.83	6.89	7.86	7.4	2.575	87.5	5.1	1.2
1387	7/30/2016 01:01:05	17.13	51.36	33.80	6.71	7.84	6.5	2.449	85.3	5.1	1.2
1388	7/30/2016 01:16:06	17.91	51.43	33.86	6.65	7.85	7.9	2.318	85.9	5.3	1.3
1389	7/30/2016 01:31:05	18.07	51.54	33.94	6.80	7.86	8.3	2.192	88.1	5.7	1.4
1390	7/30/2016 01:46:05	18.52	51.54	33.94	6.83	7.87	8.3	2.065	89.3	5.3	1.3
1391	7/30/2016 02:01:05	18.66	51.60	33.99	6.90	7.87	8.1	1.942	90.4	5.3	1.3
1392	7/30/2016 02:16:05	18.79	51.62	34.00	6.82	7.86	7.9	1.808	89.7	5.9	1.4
1393	7/30/2016 02:31:05	19.02	51.59	33.98	6.77	7.86	7.9	1.683	89.3	5.6	1.3
1394	7/30/2016 02:46:05	19.31	51.59	33.98	6.84	7.86	6.7	1.590	90.7	5.7	1.4
1395	7/30/2016 03:01:05	19.35	51.63	34.01	6.76	7.85	6.6	1.470	89.7	5.6	1.3
1396	7/30/2016 03:16:05	19.63	51.69	34.05	6.86	7.86	6.8	1.373	91.5	5.8	1.4
1397	7/30/2016 03:31:05	19.87	51.70	34.06	6.84	7.86	6.1	1.341	91.7	6.0	1.4
1398	7/30/2016 03:46:05	19.95	51.68	34.04	6.72	7.85	5.4	1.312	90.2	5.3	1.3
1399	7/30/2016 04:01:05	20.10	51.73	34.08	6.59	7.85	4.4	1.284	88.8	6.3	1.5
1400	7/30/2016 04:16:05	20.02	51.72	34.08	6.94	7.87	5.6	1.339	93.3	5.7	1.3
1401	7/30/2016 04:31:05	19.91	51.71	34.07	6.94	7.87	5.1	1.392	93.2	6.2	1.5
1402	7/30/2016 04:46:05	20.08	51.70	34.06	7.08	7.88	4.8	1.451	95.4	5.6	1.3
1403	7/30/2016 05:01:04	20.05	51.69	34.05	7.11	7.88	5.1	1.513	95.6	6.2	1.5

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
1404	7/30/2016 05:16:05	20.08	51.70	34.06	7.01	7.88	5.5	1.616	94.4	6.7	1.6
1405	7/30/2016 05:31:05	20.35	51.70	34.06	6.88	7.89	7.7	1.697	93.1	7.0	1.7
1406	7/30/2016 05:46:05	19.97	51.65	34.02	6.95	7.88	6.2	1.764	93.4	6.8	1.6
1407	7/30/2016 06:01:05	19.87	51.66	34.03	6.94	7.88	5.6	1.858	93.1	6.4	1.5
1408	7/30/2016 06:16:05	19.79	51.63	34.00	6.91	7.88	5.7	1.932	92.6	5.7	1.3
1409	7/30/2016 06:31:05	19.67	51.61	33.99	6.91	7.87	5.6	2.026	92.3	5.7	1.4
1410	7/30/2016 06:46:05	19.30	51.49	33.91	6.86	7.86	5.4	2.094	90.9	5.1	1.2
1411	7/30/2016 07:01:05	19.05	51.50	33.91	6.82	7.85	5.6	2.193	90.0	4.7	1.1
1412	7/30/2016 07:16:05	18.69	51.43	33.86	6.75	7.85	5.3	2.292	88.5	4.5	1.1
1413	7/30/2016 07:31:05	18.50	51.44	33.87	6.74	7.84	5.3	2.356	88.1	4.4	1.0
1414	7/30/2016 07:46:05	18.23	51.40	33.83	6.76	7.84	5.3	2.442	87.8	3.9	0.9
1415	7/30/2016 08:01:05	17.97	51.35	33.80	6.78	7.85	6.2	2.532	87.6	4.2	1.0
1416	7/30/2016 08:16:05	17.74	51.33	33.78	6.78	7.85	5.6	2.612	87.2	4.4	1.0
1417	7/30/2016 08:31:05	17.56	51.33	33.78	6.74	7.85	6.4	2.695	86.4	4.0	1.0
1418	7/30/2016 08:46:05	17.28	51.27	33.73	6.73	7.84	6.7	2.766	85.8	3.9	0.9
1419	7/30/2016 09:01:06	16.88	51.24	33.70	6.68	7.84	6.8	2.840	84.6	4.3	1.0
1420	7/30/2016 09:16:05	16.57	51.22	33.69	6.56	7.83	7.2	2.925	82.5	3.5	0.8
1421	7/30/2016 09:31:05	16.35	51.22	33.68	6.53	7.83	6.5	2.974	81.8	4.1	1.0
1422	7/30/2016 09:46:05	15.95	51.19	33.65	6.58	7.82	7.0	3.036	81.7	4.5	1.1
1423	7/30/2016 10:01:05	15.17	51.14	33.60	6.81	7.84	6.5	3.096	83.2	3.7	0.9
1424	7/30/2016 10:16:05	14.89	51.12	33.58	6.86	7.84	5.5	3.154	83.4	4.0	1.0
1425	7/30/2016 10:31:05	14.77	51.10	33.56	6.82	7.84	4.8	3.173	82.7	4.0	1.0
1426	7/30/2016 10:46:05	14.73	51.12	33.58	6.71	7.84	3.9	3.199	81.4	3.8	0.9
1427	7/30/2016 11:01:05	14.77	51.21	33.64	6.58	7.83	4.2	3.212	79.8	3.3	0.8
1428	7/30/2016 11:16:05	14.79	51.12	33.58	6.63	7.83	3.8	3.187	80.4	3.1	0.7
1429	7/30/2016 11:31:05	14.89	51.13	33.59	6.64	7.84	3.6	3.165	80.8	3.0	0.7
1430	7/30/2016 11:46:05	15.25	51.11	33.58	6.66	7.83	3.9	3.108	81.6	3.1	0.7
1431	7/30/2016 12:01:05	16.48	51.25	33.71	6.89	7.86	5.2	3.058	86.5	3.0	0.7
1432	7/30/2016 12:16:05	16.86	51.16	33.65	6.90	7.86	5.1	2.991	87.2	3.6	0.9
1433	7/30/2016 12:31:05	17.28	51.22	33.70	7.32	7.88	5.4	2.918	93.3	3.6	0.8
1434	7/30/2016 12:46:06	17.42	51.25	33.72	7.65	7.90	5.6	2.852	97.8	3.5	0.8
1435	7/30/2016 13:01:05	17.64	51.26	33.73	7.60	7.90	4.8	2.777	97.6	3.6	0.9
1436	7/30/2016 13:16:05	18.05	51.29	33.75	7.46	7.90	4.7	2.692	96.6	3.4	0.8
1437	7/30/2016 13:31:05	18.49	51.35	33.80	7.86	7.92	4.8	2.644	102.6	3.3	0.8
1438	7/30/2016 13:46:05	18.64	51.38	33.82	7.37	7.89	5.6	2.565	96.5	3.7	0.9
1439	7/30/2016 14:01:05	18.91	51.40	33.84	7.46	7.89	4.9	2.503	98.2	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
1440	7/30/2016 14:16:05	19.11	51.41	33.84	7.67	7.90	4.7	2.456	101.3	3.6	0.9
1441	7/30/2016 14:31:05	19.32	51.37	33.81	7.59	7.90	4.4	2.406	100.6	3.4	0.8
1442	7/30/2016 14:46:05	19.51	51.44	33.87	7.78	7.91	4.4	2.349	103.5	3.4	0.8
1443	7/30/2016 15:01:05	19.71	51.43	33.86	7.88	7.92	4.2	2.316	105.2	3.5	0.8
1444	7/30/2016 15:16:05	19.82	51.47	33.89	7.83	7.92	13.5	2.284	104.8	4.8	1.1
1445	7/30/2016 15:31:05	19.87	51.44	33.86	7.54	7.90	3.7	2.272	101.0	3.7	0.9
1446	7/30/2016 15:46:05	19.75	51.42	33.85	8.67	7.97	5.4	2.275	115.9	5.0	1.2
1447	7/30/2016 16:01:05	19.69	51.42	33.86	8.27	7.94	4.6	2.271	110.5	5.1	1.2
1448	7/30/2016 16:16:05	19.59	51.42	33.85	8.06	7.93	4.7	2.299	107.5	4.6	1.1
1449	7/30/2016 16:31:05	19.72	51.41	33.85	8.00	7.93	5.4	2.346	106.8	5.2	1.2
1450	7/30/2016 16:46:05	19.62	51.37	33.82	7.90	7.92	5.4	2.393	105.3	6.2	1.5
1451	7/30/2016 17:01:05	19.35	51.35	33.80	7.70	7.90	5.9	2.467	102.1	5.6	1.3
1452	7/30/2016 17:16:05	19.47	51.34	33.79	7.79	7.91	7.6	2.529	103.5	5.0	1.2
1453	7/30/2016 17:31:05	18.99	51.28	33.75	7.89	7.92	7.5	2.614	104.0	5.1	1.2
1454	7/30/2016 17:46:05	18.74	51.25	33.73	7.77	7.91	6.2	2.682	101.9	5.0	1.2
1455	7/30/2016 18:01:05	18.37	51.21	33.70	7.60	7.90	5.4	2.759	98.9	5.5	1.3
1456	7/30/2016 18:16:05	17.71	51.15	33.65	7.41	7.88	6.2	2.850	95.2	4.2	1.0
1457	7/30/2016 18:31:05	17.04	51.10	33.61	7.23	7.87	5.8	2.933	91.7	4.2	1.0
1458	7/30/2016 18:46:05	16.83	51.09	33.59	7.21	7.87	5.7	2.999	91.1	4.3	1.0
1459	7/30/2016 19:01:05	16.43	51.06	33.57	7.25	7.88	6.1	3.094	90.8	4.8	1.1
1460	7/30/2016 19:16:05	15.81	51.02	33.53	7.31	7.88	7.5	3.192	90.5	4.7	1.1
1461	7/30/2016 19:31:05	15.24	50.97	33.48	7.36	7.89	8.0	3.286	90.1	4.2	1.0
1462	7/30/2016 19:46:05	14.82	50.95	33.45	7.56	7.90	8.6	3.375	91.7	4.4	1.1
1463	7/30/2016 20:01:05	14.21	50.92	33.41	7.77	7.92	8.8	3.462	93.1	4.9	1.2
1464	7/30/2016 20:16:05	13.89	50.91	33.40	7.87	7.93	8.1	3.551	93.7	5.2	1.2
1465	7/30/2016 20:31:05	13.58	50.91	33.38	8.07	7.94	7.9	3.637	95.4	6.0	1.4
1466	7/30/2016 20:46:05	13.38	50.91	33.37	8.20	7.95	7.5	3.722	96.6	6.0	1.4
1467	7/30/2016 21:01:04	13.13	50.90	33.36	8.45	7.95	6.8	3.790	99.0	6.7	1.6
1468	7/30/2016 21:16:05	13.05	50.91	33.36	8.57	7.97	5.4	3.845	100.2	6.3	1.5
1469	7/30/2016 21:31:05	12.90	50.88	33.34	8.81	7.98	3.9	3.895	102.7	6.3	1.5
1470	7/30/2016 21:46:05	12.87	50.90	33.35	8.77	7.99	3.9	3.926	102.2	7.1	1.7
1471	7/30/2016 22:01:05	13.07	50.65	33.18	8.42	7.96	2.1	3.934	98.4	4.9	1.2
1472	7/30/2016 22:16:05	12.84	50.94	33.38	8.50	7.97	2.9	3.944	99.0	3.8	0.9
1473	7/30/2016 22:31:05	12.96	50.88	33.34	8.40	7.97	3.1	3.914	98.0	4.3	1.0
1474	7/30/2016 22:46:05	12.92	50.92	33.37	8.56	7.98	3.1	3.861	99.8	5.0	1.2
1475	7/30/2016 23:01:05	14.25	50.88	33.39	7.88	7.94	5.4	3.792	94.4	5.2	1.2

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1476	7/30/2016 23:16:05	14.28	50.97	33.45	7.64	7.92	5.7	3.711	91.6	4.3	1.0
1477	7/30/2016 23:31:05	14.09	51.01	33.47	7.71	7.92	5.6	3.630	92.1	4.7	1.1
1478	7/30/2016 23:46:05	14.15	51.05	33.51	7.85	7.93	6.0	3.505	93.9	5.2	1.2
1479	7/31/2016 00:01:05	15.17	51.03	33.52	7.47	7.91	6.2	3.393	91.3	4.5	1.1
1480	7/31/2016 00:16:05	15.27	51.06	33.55	7.54	7.92	7.2	3.282	92.4	4.7	1.1
1481	7/31/2016 00:31:05	15.51	51.05	33.54	7.46	7.91	7.9	3.169	91.8	4.3	1.0
1482	7/31/2016 00:46:05	15.72	51.05	33.54	7.32	7.90	7.1	3.041	90.5	4.3	1.0
1483	7/31/2016 01:01:05	15.87	51.01	33.52	7.25	7.90	6.8	2.916	89.9	4.9	1.2
1484	7/31/2016 01:16:05	16.16	51.12	33.60	7.20	7.89	8.4	2.796	89.8	4.7	1.1
1485	7/31/2016 01:31:05	17.12	51.16	33.65	7.18	7.89	8.2	2.669	91.2	4.8	1.1
1486	7/31/2016 01:46:05	17.51	51.08	33.59	7.06	7.88	8.3	2.521	90.4	5.2	1.2
1487	7/31/2016 02:01:05	17.32	51.23	33.70	7.07	7.87	7.8	2.389	90.2	5.3	1.2
1488	7/31/2016 02:16:05	17.95	51.28	33.75	7.04	7.88	8.9	2.262	90.9	5.7	1.4
1489	7/31/2016 02:31:05	18.11	51.18	33.67	6.98	7.88	9.0	2.112	90.4	5.1	1.2
1490	7/31/2016 02:46:05	18.06	51.25	33.73	6.98	7.88	8.5	1.965	90.3	5.3	1.3
1491	7/31/2016 03:01:05	18.61	51.34	33.79	6.99	7.88	7.6	1.831	91.5	5.1	1.2
1492	7/31/2016 03:16:05	18.82	51.33	33.79	6.92	7.88	7.6	1.692	90.9	4.7	1.1
1493	7/31/2016 03:31:05	18.98	51.37	33.82	6.95	7.88	7.9	1.566	91.6	5.1	1.2
1494	7/31/2016 03:46:05	19.14	51.37	33.82	6.93	7.87	6.9	1.444	91.6	4.3	1.0
1495	7/31/2016 04:01:04	19.36	51.29	33.76	6.93	7.88	6.5	1.325	92.0	4.9	1.2
1496	7/31/2016 04:16:05	19.42	51.36	33.81	6.91	7.87	6.2	1.275	91.8	4.6	1.1
1497	7/31/2016 04:31:05	19.53	51.40	33.84	6.85	7.87	5.9	1.191	91.1	5.1	1.2
1498	7/31/2016 04:46:05	20.16	51.53	33.93	6.88	7.88	5.6	1.168	92.7	5.1	1.2
1499	7/31/2016 05:01:05	20.29	51.58	33.97	6.46	7.84	4.8	1.170	87.2	3.6	0.8
1500	7/31/2016 05:16:05	20.14	51.53	33.93	6.98	7.89	5.9	1.233	94.1	4.9	1.2
1501	7/31/2016 05:31:05	19.94	51.51	33.92	7.02	7.89	5.6	1.308	94.1	4.8	1.1
1502	7/31/2016 05:46:05	20.11	51.53	33.93	7.13	7.90	5.7	1.377	95.9	4.3	1.0
1503	7/31/2016 06:01:05	19.97	51.48	33.90	7.11	7.89	5.6	1.450	95.4	4.3	1.0
1504	7/31/2016 06:16:05	20.15	51.51	33.92	7.00	7.90	6.8	1.547	94.4	4.9	1.2
1505	7/31/2016 06:31:05	20.24	51.50	33.91	6.98	7.91	7.2	1.637	94.2	5.6	1.3
1506	7/31/2016 06:46:05	19.92	51.49	33.90	7.03	7.90	6.8	1.709	94.3	4.5	1.1
1507	7/31/2016 07:01:05	19.81	51.45	33.88	7.04	7.91	6.2	1.807	94.3	4.1	1.0
1508	7/31/2016 07:16:05	19.75	51.46	33.89	7.00	7.90	6.7	1.902	93.6	4.2	1.0
1509	7/31/2016 07:31:05	19.66	51.42	33.85	7.00	7.90	6.4	1.990	93.4	4.4	1.0
1510	7/31/2016 07:46:05	19.17	51.37	33.82	6.96	7.89	6.2	2.082	92.0	3.9	0.9
1511	7/31/2016 08:01:05	18.81	51.30	33.77	6.96	7.88	6.4	2.194	91.3	3.6	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
1512	7/31/2016 08:16:05	18.53	51.28	33.75	6.94	7.87	6.2	2.286	90.7	3.5	0.8
1513	7/31/2016 08:31:05	18.31	51.25	33.72	6.96	7.87	6.8	2.381	90.5	3.7	0.9
1514	7/31/2016 08:46:05	17.99	51.19	33.68	6.99	7.87	6.5	2.465	90.3	3.6	0.8
1515	7/31/2016 09:01:05	17.68	51.15	33.65	7.00	7.88	6.5	2.568	89.9	3.8	0.9
1516	7/31/2016 09:16:05	17.54	51.15	33.65	6.99	7.87	7.2	2.669	89.6	3.8	0.9
1517	7/31/2016 09:31:05	17.33	51.12	33.62	7.01	7.87	8.3	2.748	89.4	3.9	0.9
1518	7/31/2016 09:46:05	16.84	51.06	33.57	7.04	7.87	9.4	2.831	88.9	4.5	1.1
1519	7/31/2016 10:01:05	16.48	51.03	33.55	7.04	7.87	9.2	2.922	88.2	4.0	1.0
1520	7/31/2016 10:16:05	15.86	50.97	33.49	7.17	7.87	9.9	2.997	88.9	4.2	1.0
1521	7/31/2016 10:31:05	15.15	50.93	33.45	7.33	7.89	9.8	3.068	89.5	4.0	1.0
1522	7/31/2016 10:46:04	14.92	50.91	33.42	7.31	7.89	9.8	3.148	88.9	4.6	1.1
1523	7/31/2016 11:01:04	14.84	50.91	33.42	7.27	7.88	9.8	3.208	88.2	4.4	1.0
1524	7/31/2016 11:16:04	14.70	50.91	33.42	7.33	7.89	8.9	3.264	88.7	4.7	1.1
1525	7/31/2016 11:31:05	14.56	50.91	33.42	7.38	7.89	4.5	3.292	89.0	4.5	1.1
1526	7/31/2016 11:46:05	14.57	50.93	33.43	7.39	7.89	4.6	3.324	89.2	4.6	1.1
1527	7/31/2016 12:01:05	14.75	50.88	33.40	7.23	7.88	4.7	3.333	87.5	3.9	0.9
1528	7/31/2016 12:16:05	14.66	50.92	33.43	7.15	7.87	3.7	3.303	86.4	3.4	0.8
1529	7/31/2016 12:31:05	14.61	50.88	33.40	7.23	7.88	7.1	3.270	87.3	3.1	0.7
1530	7/31/2016 12:46:05	14.93	50.90	33.42	7.26	7.89	7.5	3.220	88.2	3.4	0.8
1531	7/31/2016 13:01:05	15.28	50.90	33.43	7.36	7.89	8.9	3.153	90.1	4.7	1.1
1532	7/31/2016 13:16:05	15.44	50.90	33.43	7.38	7.89	8.4	3.057	90.7	3.9	0.9
1533	7/31/2016 13:31:05	16.54	50.95	33.49	7.94	7.93	7.6	2.977	99.7	3.5	0.8
1534	7/31/2016 13:46:05	17.35	50.98	33.52	8.21	7.95	8.4	2.906	104.7	3.3	0.8
1535	7/31/2016 14:01:05	17.83	50.99	33.53	8.69	7.99	6.9	2.819	111.9	3.6	0.8
1536	7/31/2016 14:16:05	17.96	51.03	33.57	8.32	7.97	7.3	2.742	107.4	3.8	0.9
1537	7/31/2016 14:31:05	18.41	51.06	33.59	8.76	8.00	6.5	2.657	114.1	3.5	0.8
1538	7/31/2016 14:46:05	18.52	51.11	33.62	9.13	8.03	6.3	2.596	119.1	3.3	0.8
1539	7/31/2016 15:01:05	18.85	51.16	33.66	8.53	7.98	6.3	2.538	111.9	3.8	0.9
1540	7/31/2016 15:16:05	19.03	51.11	33.63	8.52	7.98	6.1	2.467	112.3	3.8	0.9
1541	7/31/2016 15:31:05	19.14	51.16	33.66	9.10	8.03	6.1	2.411	120.2	3.4	0.8
1542	7/31/2016 15:46:05	19.29	51.16	33.66	8.93	8.01	6.4	2.358	118.2	3.6	0.9
1543	7/31/2016 16:01:05	19.50	51.18	33.68	8.86	8.02	6.3	2.323	117.8	3.3	0.8
1544	7/31/2016 16:16:05	19.68	51.20	33.69	8.79	8.02	5.4	2.279	117.2	3.1	0.7
1545	7/31/2016 16:31:05	19.91	51.16	33.66	8.45	7.99	4.9	2.262	113.1	3.9	0.9
1546	7/31/2016 16:46:05	19.99	51.25	33.73	8.26	7.99	5.4	2.253	110.8	3.6	0.9
1547	7/31/2016 17:01:05	19.76	51.20	33.69	8.95	8.02	5.9	2.256	119.6	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1548	7/31/2016 17:16:05	19.77	51.23	33.71	8.72	8.00	5.7	2.291	116.5	4.4	1.0
1549	7/31/2016 17:31:05	19.57	51.22	33.70	8.61	7.99	5.7	2.323	114.6	4.0	1.0
1550	7/31/2016 17:46:05	19.44	51.20	33.69	8.33	7.97	6.1	2.393	110.6	4.5	1.1
1551	7/31/2016 18:01:05	19.39	51.23	33.72	8.19	7.95	7.2	2.457	108.6	5.0	1.2
1552	7/31/2016 18:16:05	19.14	51.16	33.66	8.24	7.96	8.4	2.528	108.7	100.7	23.9
1553	7/31/2016 18:31:05	18.83	51.13	33.64	8.33	7.96	7.7	2.618	109.3	6.5	1.5
1554	7/31/2016 18:46:05	18.46	51.10	33.62	8.14	7.95	6.7	2.692	106.1	19.1	4.5
1555	7/31/2016 19:01:05	17.94	51.05	33.58	7.96	7.93	6.4	2.776	102.7	7.1	1.7
1556	7/31/2016 19:16:05	17.38	51.01	33.54	7.74	7.92	6.1	2.861	98.8	5.5	1.3
1557	7/31/2016 19:31:05	17.00	50.97	33.51	7.70	7.92	6.8	2.942	97.5	4.1	1.0
1558	7/31/2016 19:46:05	16.80	50.96	33.50	7.69	7.92	6.4	3.036	97.0	4.6	1.1
1559	7/31/2016 20:01:05	16.23	50.90	33.45	7.82	7.92	8.7	3.123	97.5	8.1	1.9
1560	7/31/2016 20:16:05	15.55	50.88	33.42	7.78	7.92	7.6	3.224	95.8	15.7	3.7
1561	7/31/2016 20:31:05	15.02	50.83	33.37	7.80	7.93	8.1	3.319	94.9	8.5	2.0
1562	7/31/2016 20:46:05	14.40	50.79	33.32	7.80	7.93	10.6	3.421	93.7	14.0	3.3
1563	7/31/2016 21:01:05	13.88	50.80	33.31	7.82	7.93	9.0	3.511	93.0	5.5	1.3
1564	7/31/2016 21:16:05	13.55	50.79	33.30	7.92	7.94	8.0	3.598	93.5	6.3	1.5
1565	7/31/2016 21:31:05	13.25	50.77	33.27	8.01	7.95	8.3	3.690	94.0	6.0	1.4
1566	7/31/2016 21:46:05	12.93	50.78	33.26	8.13	7.95	13.3	3.760	94.8	6.9	1.6
1567	7/31/2016 22:01:04	12.83	50.79	33.27	8.13	7.95	28.3	3.835	94.6	29.5	7.0
1568	7/31/2016 22:16:05	12.74	50.79	33.26	8.14	7.95	23.5	3.895	94.5	7.4	1.8
1569	7/31/2016 22:31:05	12.70	50.80	33.27	8.12	7.94	44.8	3.943	94.2	5.3	1.2
1570	7/31/2016 22:46:05	12.68	50.80	33.27	8.03	7.96	2.5	3.966	93.2	5.1	1.2
1571	7/31/2016 23:01:05	12.87	50.73	33.23	7.69	7.94	99.2	3.975	89.5	5.1	1.2
1572	7/31/2016 23:16:05	12.68	50.83	33.29	7.71	7.94	2.6	3.967	89.4	3.3	0.8
1573	7/31/2016 23:31:05	12.89	50.61	33.14	7.75	7.94	3.1	3.940	90.2	4.5	1.1
1574	7/31/2016 23:46:05	14.32	50.76	33.30	7.75	7.95	11.4	3.880	93.0	5.4	1.3
1575	8/1/2016 00:01:05	14.17	50.70	33.25	7.71	7.93	6.7	3.805	92.2	4.4	1.0
1576	8/1/2016 00:16:05	13.96	50.67	33.22	7.62	7.92	6.3	3.721	90.8	4.3	1.0
1577	8/1/2016 00:31:06	13.36	50.71	33.23	7.79	7.93	5.7	3.601	91.6	4.1	1.0
1578	8/1/2016 00:46:05	14.14	50.64	33.20	7.67	7.92	6.7	3.498	91.6	4.5	1.1
1579	8/1/2016 01:01:05	14.69	50.78	33.33	7.59	7.92	7.4	3.376	91.8	4.3	1.0
1580	8/1/2016 01:16:05	14.64	50.76	33.31	7.59	7.92	8.1	3.252	91.7	4.6	1.1
1581	8/1/2016 01:31:05	14.95	50.69	33.26	7.52	7.91	7.8	3.115	91.4	4.8	1.1
1582	8/1/2016 01:46:05	15.39	50.83	33.38	7.46	7.91	8.7	2.994	91.5	4.4	1.1
1583	8/1/2016 02:01:05	15.61	50.63	33.24	7.42	7.90	7.3	2.854	91.3	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
1584	8/1/2016 02:16:05	15.84	50.99	33.51	7.45	7.91	8.6	2.720	92.2	3.6	0.9
1585	8/1/2016 02:31:05	17.00	50.82	33.40	7.31	7.90	12.5	2.577	92.5	3.9	0.9
1586	8/1/2016 02:46:05	17.24	50.81	33.40	7.17	7.89	9.9	2.438	91.2	3.6	0.9
1587	8/1/2016 03:01:05	17.32	50.85	33.42	7.10	7.89	8.6	2.290	90.4	3.9	0.9
1588	8/1/2016 03:16:05	17.73	50.85	33.43	7.15	7.89	10.4	2.150	91.8	3.6	0.9
1589	8/1/2016 03:31:05	17.84	51.00	33.54	7.06	7.89	10.2	1.994	90.8	3.5	0.8
1590	8/1/2016 03:46:05	18.30	50.95	33.51	7.01	7.89	10.4	1.851	91.0	3.7	0.9
1591	8/1/2016 04:01:05	18.40	51.06	33.59	6.95	7.88	8.6	1.699	90.5	3.8	0.9
1592	8/1/2016 04:16:05	18.74	51.10	33.61	6.98	7.88	8.6	1.554	91.4	3.4	0.8
1593	8/1/2016 04:31:05	18.89	51.05	33.58	6.98	7.88	9.2	1.419	91.6	3.7	0.9
1594	8/1/2016 04:46:05	18.90	51.08	33.60	6.93	7.88	8.9	1.288	91.0	3.7	0.9
1595	8/1/2016 05:01:05	18.99	51.09	33.61	6.78	7.86	11.0	1.201	89.3	3.4	0.8
1596	8/1/2016 05:16:05	19.21	51.16	33.66	6.52	7.85	6.4	1.127	86.2	3.1	0.7
1597	8/1/2016 05:31:05	19.19	51.17	33.67	6.22	7.83	13.7	1.092	82.2	3.1	0.7
1598	8/1/2016 05:46:05	19.32	51.20	33.69	6.68	7.86	11.9	1.114	88.5	3.5	0.8
1599	8/1/2016 06:01:05	19.80	51.29	33.76	6.85	7.88	6.8	1.176	91.6	3.8	0.9
1600	8/1/2016 06:16:05	19.81	51.34	33.79	6.88	7.88	6.5	1.249	92.0	3.3	0.8
1601	8/1/2016 06:31:05	19.90	51.36	33.81	6.94	7.89	6.2	1.315	93.0	3.2	0.8
1602	8/1/2016 06:46:05	19.78	51.31	33.77	6.97	7.89	6.4	1.424	93.2	3.3	0.8
1603	8/1/2016 07:01:05	19.72	51.29	33.76	6.92	7.89	7.2	1.509	92.5	3.6	0.8
1604	8/1/2016 07:16:05	19.77	51.30	33.76	6.89	7.89	8.0	1.588	92.1	3.2	0.8
1605	8/1/2016 07:31:05	19.55	51.27	33.74	6.96	7.89	7.0	1.682	92.7	3.1	0.7
1606	8/1/2016 07:46:05	19.45	51.28	33.75	7.00	7.89	7.0	1.774	93.0	3.6	0.9
1607	8/1/2016 08:01:05	19.36	51.26	33.73	7.00	7.89	6.9	1.871	92.8	3.4	0.8
1608	8/1/2016 08:16:05	19.29	51.24	33.72	7.01	7.89	6.5	1.955	92.9	2.6	0.6
1609	8/1/2016 08:31:05	18.84	51.12	33.63	7.01	7.88	6.5	2.070	92.0	3.0	0.7
1610	8/1/2016 08:46:05	18.55	51.11	33.62	7.05	7.88	6.9	2.180	92.1	3.0	0.7
1611	8/1/2016 09:01:05	18.36	51.10	33.61	7.09	7.88	6.2	2.275	92.2	2.9	0.7
1612	8/1/2016 09:16:05	18.05	51.06	33.58	7.16	7.89	7.4	2.398	92.5	3.0	0.7
1613	8/1/2016 09:31:06	17.77	51.05	33.57	7.19	7.89	7.9	2.504	92.4	3.2	0.8
1614	8/1/2016 09:46:06	17.52	51.02	33.55	7.17	7.89	8.1	2.596	91.8	3.2	0.8
1615	8/1/2016 10:01:05	17.34	50.97	33.52	7.17	7.89	9.5	2.701	91.4	3.5	0.8
1616	8/1/2016 10:16:05	17.05	50.95	33.49	7.18	7.89	10.8	2.793	91.1	3.3	0.8
1617	8/1/2016 10:31:05	16.56	50.90	33.45	7.19	7.88	11.6	2.890	90.2	3.9	0.9
1618	8/1/2016 10:46:05	16.02	50.84	33.40	7.10	7.87	11.9	2.969	88.1	4.4	1.0
1619	8/1/2016 11:01:05	15.21	50.78	33.34	7.14	7.88	11.6	3.063	87.2	4.5	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1620	8/1/2016 11:16:05	14.88	50.75	33.31	7.17	7.88	14.1	3.135	87.0	4.8	1.1
1621	8/1/2016 11:31:05	14.66	50.76	33.31	7.27	7.89	13.3	3.215	87.8	4.9	1.2
1622	8/1/2016 11:46:06	14.40	50.73	33.28	7.43	7.90	10.2	3.286	89.3	4.7	1.1
1623	8/1/2016 12:01:05	14.19	50.73	33.27	7.59	7.91	8.3	3.345	90.8	4.4	1.0
1624	8/1/2016 12:16:05	14.07	50.69	33.24	7.73	7.92	4.8	3.390	92.3	5.3	1.3
1625	8/1/2016 12:31:05	14.01	50.71	33.25	7.76	7.93	4.2	3.411	92.5	5.2	1.2
1626	8/1/2016 12:46:05	14.28	50.67	33.24	7.49	7.90	4.8	3.424	89.8	4.1	1.0
1627	8/1/2016 13:01:05	14.09	50.68	33.24	7.60	7.91	5.0	3.405	90.7	3.0	0.7
1628	8/1/2016 13:16:05	14.17	50.67	33.23	7.59	7.92	4.9	3.375	90.8	4.0	0.9
1629	8/1/2016 13:31:05	14.41	50.68	33.24	7.44	7.91	6.2	3.313	89.5	3.5	0.8
1630	8/1/2016 13:46:05	14.89	50.62	33.21	7.41	7.91	6.6	3.227	89.9	4.3	1.0
1631	8/1/2016 14:01:05	15.84	50.74	33.33	7.82	7.93	7.5	3.143	96.7	4.1	1.0
1632	8/1/2016 14:16:05	16.37	50.73	33.33	7.94	7.95	7.3	3.064	99.3	3.7	0.9
1633	8/1/2016 14:31:05	16.69	50.79	33.37	7.81	7.93	8.6	2.976	98.2	3.1	0.7
1634	8/1/2016 14:46:05	17.36	50.86	33.43	8.03	7.95	10.7	2.885	102.4	3.1	0.7
1635	8/1/2016 15:01:05	17.73	50.93	33.48	8.06	7.95	8.3	2.798	103.5	3.6	0.9
1636	8/1/2016 15:16:05	18.21	50.93	33.49	8.22	7.96	7.8	2.718	106.5	3.0	0.7
1637	8/1/2016 15:31:05	18.40	50.96	33.51	8.07	7.94	7.5	2.647	105.0	3.5	0.8
1638	8/1/2016 15:46:05	18.71	51.00	33.54	8.13	7.95	6.8	2.562	106.4	2.5	0.6
1639	8/1/2016 16:01:05	18.90	50.98	33.53	8.30	7.96	7.4	2.490	109.0	2.8	0.7
1640	8/1/2016 16:16:05	19.02	50.96	33.51	8.27	7.96	6.5	2.427	108.9	2.3	0.5
1641	8/1/2016 16:31:05	19.04	51.04	33.57	8.41	7.97	5.9	2.372	110.7	2.9	0.7
1642	8/1/2016 16:46:05	19.38	50.99	33.54	8.55	7.98	5.5	2.315	113.3	2.6	0.6
1643	8/1/2016 17:01:05	19.44	51.00	33.54	8.68	8.00	5.1	2.250	115.2	2.9	0.7
1644	8/1/2016 17:16:05	19.69	51.01	33.55	8.62	7.99	4.5	2.241	114.9	2.3	0.5
1645	8/1/2016 17:31:05	19.75	51.04	33.57	8.36	8.00	4.9	2.233	111.5	2.9	0.7
1646	8/1/2016 17:46:05	19.66	51.06	33.59	9.25	8.04	5.6	2.232	123.3	3.9	0.9
1647	8/1/2016 18:01:05	19.68	51.08	33.60	8.92	8.02	5.7	2.235	118.9	3.6	0.8
1648	8/1/2016 18:16:05	19.60	51.06	33.59	8.84	8.01	6.1	2.292	117.7	3.3	0.8
1649	8/1/2016 18:31:05	19.69	51.13	33.64	8.43	7.98	7.7	2.362	112.4	4.1	1.0
1650	8/1/2016 18:46:05	19.38	51.10	33.61	8.32	7.97	6.8	2.407	110.3	3.7	0.9
1651	8/1/2016 19:01:05	19.53	51.11	33.62	8.31	7.97	8.4	2.491	110.5	3.8	0.9
1652	8/1/2016 19:16:05	19.04	51.05	33.58	8.39	7.97	7.7	2.585	110.5	3.4	0.8
1653	8/1/2016 19:31:05	18.76	50.99	33.53	8.42	7.98	6.8	2.666	110.3	3.4	0.8
1654	8/1/2016 19:46:05	18.26	50.96	33.51	8.24	7.96	7.3	2.745	106.9	2.9	0.7
1655	8/1/2016 20:01:06	17.32	50.90	33.46	7.86	7.94	7.4	2.830	100.2	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1656	8/1/2016 20:16:05	17.02	50.86	33.43	7.83	7.94	6.3	2.921	99.1	3.5	0.8
1657	8/1/2016 20:31:05	16.70	50.85	33.42	7.81	7.94	7.6	3.010	98.3	3.8	0.9
1658	8/1/2016 20:46:05	16.55	50.85	33.42	7.79	7.94	6.8	3.103	97.7	4.1	1.0
1659	8/1/2016 21:01:06	15.98	50.81	33.37	7.94	7.95	7.2	3.201	98.5	4.2	1.0
1660	8/1/2016 21:16:05	15.50	50.76	33.33	8.05	7.96	7.0	3.296	98.9	4.8	1.1
1661	8/1/2016 21:31:05	14.80	50.71	33.28	8.22	7.97	10.0	3.401	99.5	4.5	1.1
1662	8/1/2016 21:46:05	14.23	50.69	33.24	8.25	7.97	7.0	3.502	98.8	5.0	1.2
1663	8/1/2016 22:01:04	13.63	50.62	33.17	8.60	7.99	8.2	3.592	101.7	5.4	1.3
1664	8/1/2016 22:16:05	13.31	50.65	33.18	8.89	8.00	7.5	3.687	104.4	6.6	1.6
1665	8/1/2016 22:31:05	13.17	50.59	33.13	9.01	8.01	7.6	3.774	105.5	6.5	1.6
1666	8/1/2016 22:46:05	12.93	50.64	33.16	9.22	8.02	6.2	3.847	107.5	6.8	1.6
1667	8/1/2016 23:01:05	12.86	50.63	33.16	9.31	8.03	3.8	3.907	108.3	7.2	1.7
1668	8/1/2016 23:16:04	12.85	50.60	33.13	9.26	8.02	3.4	3.961	107.7	6.6	1.6
1669	8/1/2016 23:31:05	12.63	50.67	33.17	9.28	8.03	2.6	3.998	107.5	8.6	2.0
1670	8/1/2016 23:46:05	12.55	50.66	33.16	9.09	8.02	2.0	4.017	105.1	7.8	1.9
1671	8/2/2016 00:01:05	12.63	50.86	33.31	8.92	8.00	2.4	4.005	103.4	4.9	1.2
1672	8/2/2016 00:16:05	12.84	50.74	33.23	9.00	8.01	3.4	3.974	104.8	4.8	1.1
1673	8/2/2016 00:31:05	14.31	50.83	33.35	8.38	7.99	5.2	3.922	100.6	5.3	1.3
1674	8/2/2016 00:46:05	13.59	50.75	33.27	8.56	7.99	5.1	3.845	101.1	4.9	1.2
1675	8/2/2016 01:01:05	14.02	50.68	33.23	8.22	7.97	7.1	3.746	98.0	5.4	1.3
1676	8/2/2016 01:16:05	13.13	50.85	33.33	8.78	8.00	4.7	3.639	102.9	6.5	1.5
1677	8/2/2016 01:31:05	14.16	50.73	33.27	8.28	7.97	6.3	3.522	99.1	4.7	1.1
1678	8/2/2016 01:46:05	14.72	50.80	33.34	8.06	7.96	9.0	3.399	97.5	4.6	1.1
1679	8/2/2016 02:01:05	14.78	50.79	33.33	8.02	7.96	5.9	3.268	97.2	4.4	1.0
1680	8/2/2016 02:16:05	15.04	50.80	33.35	7.95	7.96	7.5	3.126	96.7	4.2	1.0
1681	8/2/2016 02:31:05	15.74	50.78	33.35	7.73	7.94	7.9	3.005	95.4	4.4	1.1
1682	8/2/2016 02:46:05	16.12	51.00	33.52	7.65	7.94	7.8	2.870	95.3	3.6	0.8
1683	8/2/2016 03:01:05	16.62	50.90	33.45	7.51	7.93	7.9	2.724	94.4	3.2	0.8
1684	8/2/2016 03:16:05	16.77	50.82	33.39	7.29	7.91	7.7	2.591	91.8	3.0	0.7
1685	8/2/2016 03:31:05	17.29	50.90	33.46	7.33	7.92	8.1	2.430	93.3	2.9	0.7
1686	8/2/2016 03:46:05	16.94	50.98	33.51	7.28	7.91	7.4	2.289	92.1	3.3	0.8
1687	8/2/2016 04:01:05	17.17	51.11	33.62	7.31	7.91	7.9	2.138	92.9	4.0	0.9
1688	8/2/2016 04:16:05	17.91	51.04	33.57	7.11	7.90	8.5	1.981	91.7	3.5	0.8
1689	8/2/2016 04:31:05	18.35	51.05	33.58	7.03	7.90	8.7	1.832	91.4	3.1	0.7
1690	8/2/2016 04:46:05	18.34	51.04	33.57	6.97	7.89	8.1	1.672	90.6	3.2	0.8
1691	8/2/2016 05:01:05	18.58	51.09	33.61	6.96	7.89	16.4	1.518	91.0	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
1692	8/2/2016 05:16:05	18.72	51.08	33.60	6.95	7.89	24.5	1.390	91.0	2.9	0.7
1693	8/2/2016 05:31:05	18.67	51.11	33.63	6.82	7.88	7.5	1.269	89.3	2.8	0.7
1694	8/2/2016 05:46:05	18.78	51.11	33.62	6.75	7.87	8.7	1.165	88.5	3.3	0.8
1695	8/2/2016 06:01:05	18.93	51.12	33.63	6.65	7.86	7.5	1.094	87.5	2.9	0.7
1696	8/2/2016 06:16:05	19.03	51.11	33.63	6.07	7.84	9.0	1.079	80.0	3.2	0.8
1697	8/2/2016 06:31:05	19.23	51.18	33.68	6.81	7.88	8.5	1.101	90.1	3.0	0.7
1698	8/2/2016 06:46:05	19.49	51.28	33.75	6.87	7.89	5.9	1.168	91.4	2.8	0.7
1699	8/2/2016 07:01:05	19.60	51.27	33.75	6.93	7.89	6.6	1.258	92.3	2.3	0.6
1700	8/2/2016 07:16:05	19.68	51.25	33.73	6.96	7.90	6.8	1.343	92.8	2.9	0.7
1701	8/2/2016 07:31:05	19.58	51.25	33.73	6.98	7.90	6.5	1.438	92.9	3.0	0.7
1702	8/2/2016 07:46:05	19.58	51.23	33.71	6.91	7.89	7.6	1.522	92.1	2.9	0.7
1703	8/2/2016 08:01:05	19.65	51.19	33.68	6.79	7.89	8.3	1.590	90.5	3.3	0.8
1704	8/2/2016 08:16:05	19.50	51.18	33.68	6.88	7.89	8.7	1.695	91.4	2.9	0.7
1705	8/2/2016 08:31:05	19.33	51.15	33.65	6.94	7.90	7.7	1.790	91.9	3.1	0.7
1706	8/2/2016 08:46:05	19.24	51.17	33.67	6.99	7.90	7.9	1.868	92.4	3.7	0.9
1707	8/2/2016 09:01:05	19.21	51.15	33.66	6.97	7.90	8.1	1.976	92.1	2.7	0.6
1708	8/2/2016 09:16:05	18.71	51.06	33.59	7.04	7.89	6.7	2.077	92.2	2.4	0.6
1709	8/2/2016 09:31:05	18.42	51.02	33.56	7.13	7.90	7.5	2.201	92.7	3.1	0.7
1710	8/2/2016 09:46:05	18.21	50.99	33.54	7.18	7.90	7.1	2.303	93.0	2.7	0.6
1711	8/2/2016 10:01:05	18.08	51.01	33.55	7.24	7.90	8.3	2.417	93.7	2.9	0.7
1712	8/2/2016 10:16:06	17.78	50.97	33.52	7.25	7.90	8.9	2.537	93.3	2.6	0.6
1713	8/2/2016 10:31:05	17.54	50.97	33.51	7.28	7.90	9.6	2.641	93.1	2.9	0.7
1714	8/2/2016 10:46:05	17.33	50.92	33.48	7.29	7.90	9.9	2.734	92.8	3.1	0.7
1715	8/2/2016 11:01:05	17.08	50.86	33.43	7.29	7.91	10.6	2.834	92.4	4.0	1.0
1716	8/2/2016 11:16:05	16.52	50.81	33.38	7.25	7.90	13.3	2.936	90.9	3.0	0.7
1717	8/2/2016 11:31:05	15.91	50.77	33.35	7.19	7.89	13.1	3.016	89.1	3.9	0.9
1718	8/2/2016 11:46:05	15.21	50.70	33.28	7.39	7.90	11.7	3.104	90.2	4.4	1.0
1719	8/2/2016 12:01:05	14.83	50.68	33.25	7.58	7.92	11.7	3.190	91.8	4.7	1.1
1720	8/2/2016 12:16:05	14.53	50.63	33.21	7.79	7.93	11.9	3.267	93.8	4.7	1.1
1721	8/2/2016 12:31:05	14.31	50.61	33.19	7.92	7.94	8.6	3.345	94.9	4.8	1.1
1722	8/2/2016 12:46:05	13.97	50.59	33.16	8.19	7.95	8.3	3.409	97.5	5.4	1.3
Mean		17.17	51.70	34.03	6.95	7.89	6.70	2.62	88.46	3.84	0.91
Minimum		12.44	50.59	33.13	5.50	7.77	1.70	1.08	70.00	1.40	0.30
Maximum		20.35	52.42	34.59	9.94	8.12	99.20	4.02	126.00	100.70	23.90

Parameter	Criteria	Source

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	8/2/2016 13:01:40	13.80	48.01	31.28	8.09	7.93	4.9	3.438	94.8	5.0	1.2
1	8/2/2016 13:16:40	13.71	47.84	31.15	8.03	7.94	3.4	3.464	93.9	5.1	1.2
2	8/2/2016 13:31:39	13.81	47.81	31.13	7.84	7.93	4.2	3.471	91.9	4.5	1.1
3	8/2/2016 13:46:40	13.83	48.06	31.32	7.90	7.94	5.4	3.451	92.7	4.1	1.0
4	8/2/2016 14:01:39	13.90	47.84	31.16	7.94	7.94	5.0	3.401	93.2	3.8	0.9
5	8/2/2016 14:16:40	14.41	48.12	31.38	7.80	7.94	6.8	3.323	92.6	4.1	1.0
6	8/2/2016 14:31:39	15.14	47.82	31.18	7.88	7.95	7.8	3.248	94.9	3.8	0.9
7	8/2/2016 14:46:39	16.22	48.12	31.41	8.01	7.96	8.4	3.159	98.7	3.1	0.7
8	8/2/2016 15:01:40	16.48	48.08	31.39	8.03	7.97	10.9	3.052	99.4	2.7	0.6
9	8/2/2016 15:16:40	17.18	48.21	31.49	7.98	7.97	10.0	2.957	100.1	2.9	0.7
10	8/2/2016 15:31:39	17.50	48.12	31.43	8.04	7.97	9.8	2.858	101.6	2.9	0.7
11	8/2/2016 15:46:39	18.09	48.12	31.43	8.24	7.99	9.3	2.766	105.3	2.7	0.6
12	8/2/2016 16:01:39	18.36	48.19	31.49	8.11	7.98	9.0	2.677	104.1	2.3	0.5
13	8/2/2016 16:16:39	18.72	48.37	31.62	8.15	7.99	8.5	2.590	105.5	2.3	0.5
14	8/2/2016 16:31:40	19.07	48.38	31.62	8.25	8.00	8.1	2.504	107.5	1.9	0.4
15	8/2/2016 16:46:39	19.21	48.40	31.64	8.20	8.00	8.1	2.431	107.1	2.8	0.7
16	8/2/2016 17:01:39	19.33	48.20	31.49	8.15	8.00	6.7	2.354	106.6	2.2	0.5
17	8/2/2016 17:16:39	19.38	48.21	31.50	8.35	8.02	7.9	2.275	109.3	2.4	0.6
18	8/2/2016 17:31:39	19.37	48.11	31.43	8.42	8.03	6.8	2.218	110.1	2.5	0.6
19	8/2/2016 17:46:39	19.31	48.21	31.50	8.49	8.04	6.4	2.177	111.0	2.9	0.7
20	8/2/2016 18:01:39	19.44	48.44	31.66	8.09	8.02	5.2	2.128	106.2	2.4	0.6
21	8/2/2016 18:16:39	19.42	48.16	31.47	7.85	8.00	5.0	2.119	102.8	2.6	0.6
22	8/2/2016 18:31:39	19.47	48.16	31.47	8.56	8.04	5.7	2.129	112.2	2.6	0.6
23	8/2/2016 18:46:39	19.45	48.28	31.55	8.50	8.03	5.5	2.146	111.5	2.4	0.6
24	8/2/2016 19:01:39	19.49	48.29	31.56	8.59	8.04	5.9	2.195	112.7	2.6	0.6
25	8/2/2016 19:16:39	19.78	48.54	31.74	8.21	8.01	6.1	2.254	108.4	2.9	0.7
26	8/2/2016 19:31:39	19.73	48.31	31.57	8.12	8.00	6.4	2.325	107.1	2.9	0.7
27	8/2/2016 19:46:39	20.03	48.40	31.64	8.22	8.00	9.0	2.410	109.0	2.8	0.6
28	8/2/2016 20:01:39	19.58	48.47	31.69	8.20	8.00	10.0	2.505	107.9	3.2	0.8
29	8/2/2016 20:16:39	19.13	48.13	31.44	8.26	8.00	8.0	2.583	107.6	3.3	0.8
30	8/2/2016 20:31:39	18.88	48.45	31.67	8.17	7.99	7.2	2.660	106.1	3.2	0.7
31	8/2/2016 20:46:40	18.09	48.21	31.50	7.89	7.97	7.4	2.759	100.8	3.7	0.9
32	8/2/2016 21:01:40	17.55	48.15	31.45	7.60	7.95	7.3	2.844	96.0	3.8	0.9
33	8/2/2016 21:16:39	17.11	48.12	31.43	7.51	7.93	7.9	2.928	94.2	3.6	0.9
34	8/2/2016 21:31:40	16.82	48.01	31.34	7.52	7.93	8.1	3.017	93.7	3.8	0.9
35	8/2/2016 21:46:40	16.33	47.99	31.32	7.57	7.93	8.7	3.120	93.4	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
36	8/2/2016 22:01:39	16.01	47.98	31.31	7.64	7.94	9.3	3.214	93.6	4.0	0.9
37	8/2/2016 22:16:40	15.34	47.96	31.28	7.85	7.95	9.2	3.313	95.0	4.3	1.0
38	8/2/2016 22:31:40	14.63	48.03	31.32	8.08	7.96	8.2	3.413	96.3	5.1	1.2
39	8/2/2016 22:46:40	14.25	47.91	31.22	8.26	7.97	8.5	3.511	97.7	4.8	1.1
40	8/2/2016 23:01:40	13.70	47.70	31.06	8.58	7.98	7.2	3.610	100.2	5.6	1.3
41	8/2/2016 23:16:40	13.44	47.89	31.19	8.82	8.00	7.0	3.690	102.6	6.7	1.6
42	8/2/2016 23:31:40	13.17	47.93	31.20	9.04	8.01	5.2	3.762	104.6	6.4	1.5
43	8/2/2016 23:46:40	13.17	47.83	31.13	9.01	8.01	4.0	3.836	104.1	5.5	1.3
44	8/3/2016 00:01:40	13.08	47.89	31.17	9.01	8.02	3.4	3.889	104.0	5.1	1.2
45	8/3/2016 00:16:40	12.95	47.90	31.17	8.90	8.02	3.7	3.917	102.5	7.1	1.7
46	8/3/2016 00:31:40	12.88	47.78	31.08	8.79	8.01	1.9	3.929	101.1	4.6	1.1
47	8/3/2016 00:46:40	12.79	47.75	31.06	8.92	8.01	2.9	3.924	102.3	3.8	0.9
48	8/3/2016 01:01:40	13.19	47.87	31.16	8.80	8.01	4.2	3.898	101.8	4.5	1.1
49	8/3/2016 01:16:40	13.13	47.76	31.08	8.86	8.01	3.3	3.826	102.3	3.9	0.9
50	8/3/2016 01:31:40	13.94	47.76	31.11	8.26	7.98	6.3	3.738	97.0	4.5	1.1
51	8/3/2016 01:46:40	14.17	47.73	31.09	8.06	7.97	9.7	3.649	95.1	4.9	1.2
52	8/3/2016 02:01:40	13.53	47.81	31.13	8.47	7.99	5.4	3.548	98.6	4.9	1.2
53	8/3/2016 02:16:40	14.62	48.03	31.32	7.81	7.96	6.2	3.416	93.1	3.5	0.8
54	8/3/2016 02:31:40	15.05	48.08	31.37	7.66	7.95	6.4	3.297	92.1	3.9	0.9
55	8/3/2016 02:46:39	14.91	47.66	31.06	7.71	7.95	8.3	3.183	92.3	3.2	0.8
56	8/3/2016 03:01:39	15.26	48.03	31.34	7.60	7.94	7.2	3.055	91.8	3.2	0.7
57	8/3/2016 03:16:39	16.01	47.79	31.17	7.38	7.94	10.1	2.910	90.4	3.3	0.8
58	8/3/2016 03:31:39	16.24	47.96	31.30	7.31	7.93	8.9	2.794	90.0	3.3	0.8
59	8/3/2016 03:46:39	16.85	48.14	31.44	7.13	7.93	7.8	2.651	89.0	2.8	0.7
60	8/3/2016 04:01:39	17.17	48.05	31.38	6.82	7.91	7.5	2.518	85.5	2.7	0.6
61	8/3/2016 04:16:40	17.77	48.14	31.44	7.05	7.93	9.0	2.374	89.5	2.3	0.5
62	8/3/2016 04:31:39	17.70	48.25	31.53	6.89	7.92	9.2	2.218	87.4	2.9	0.7
63	8/3/2016 04:46:40	17.47	48.23	31.51	6.75	7.91	10.3	2.060	85.2	3.2	0.8
64	8/3/2016 05:01:39	17.91	48.07	31.40	6.66	7.91	10.3	1.919	84.7	3.2	0.8
65	8/3/2016 05:16:39	18.05	48.16	31.46	6.55	7.90	10.0	1.761	83.6	2.4	0.6
66	8/3/2016 05:31:40	18.28	48.42	31.65	6.66	7.91	10.3	1.619	85.5	2.7	0.6
67	8/3/2016 05:46:39	18.28	48.35	31.60	6.62	7.90	11.0	1.473	84.9	2.6	0.6
68	8/3/2016 06:01:39	18.46	48.21	31.50	6.67	7.91	9.9	1.346	85.8	2.4	0.6
69	8/3/2016 06:16:39	18.50	48.30	31.56	6.48	7.89	7.4	1.235	83.5	1.9	0.4
70	8/3/2016 06:31:39	18.68	48.36	31.61	6.25	7.89	9.3	1.144	80.8	2.9	0.7
71	8/3/2016 06:46:39	18.60	48.46	31.68	6.39	7.89	7.5	1.097	82.5	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
72	8/3/2016 07:01:39	18.68	48.43	31.66	6.30	7.88	8.1	1.089	81.5	2.7	0.6
73	8/3/2016 07:16:39	18.71	48.31	31.57	6.57	7.90	6.8	1.120	85.0	2.4	0.6
74	8/3/2016 07:31:39	18.97	48.44	31.67	6.57	7.90	6.8	1.203	85.5	2.5	0.6
75	8/3/2016 07:46:39	19.20	48.47	31.69	6.52	7.90	7.0	1.274	85.2	2.9	0.7
76	8/3/2016 08:01:39	19.24	48.45	31.67	6.50	7.90	7.3	1.363	85.0	2.5	0.6
77	8/3/2016 08:16:39	19.13	48.63	31.81	6.57	7.90	7.5	1.455	85.8	2.8	0.7
78	8/3/2016 08:31:39	19.14	48.62	31.80	6.53	7.90	7.6	1.540	85.2	2.9	0.7
79	8/3/2016 08:46:40	19.27	48.61	31.79	6.39	7.90	8.8	1.633	83.6	3.0	0.7
80	8/3/2016 09:01:39	19.11	48.47	31.69	6.49	7.90	7.6	1.721	84.7	3.3	0.8
81	8/3/2016 09:16:39	19.13	48.40	31.64	6.50	7.91	7.8	1.827	84.7	2.9	0.7
82	8/3/2016 09:31:39	19.09	48.61	31.79	6.52	7.91	7.5	1.923	85.0	2.7	0.6
83	8/3/2016 09:46:39	18.79	48.59	31.78	6.53	7.90	7.4	2.018	84.7	2.7	0.6
84	8/3/2016 10:01:39	18.42	48.23	31.51	6.70	7.91	7.8	2.138	86.1	2.2	0.5
85	8/3/2016 10:16:40	18.15	48.35	31.60	6.80	7.91	7.6	2.253	87.0	2.3	0.6
86	8/3/2016 10:31:39	17.93	48.16	31.46	6.86	7.91	7.9	2.359	87.4	2.6	0.6
87	8/3/2016 10:46:40	17.65	48.22	31.50	6.88	7.91	8.7	2.465	87.2	2.5	0.6
88	8/3/2016 11:01:40	17.43	48.22	31.50	6.92	7.91	9.0	2.578	87.3	2.6	0.6
89	8/3/2016 11:16:40	17.29	47.94	31.30	6.94	7.91	10.1	2.681	87.2	2.9	0.7
90	8/3/2016 11:31:40	17.01	48.03	31.36	6.97	7.91	12.5	2.776	87.1	3.0	0.7
91	8/3/2016 11:46:40	16.46	48.01	31.34	6.98	7.90	13.1	2.878	86.4	3.3	0.8
92	8/3/2016 12:01:40	15.87	47.93	31.27	7.12	7.90	11.0	2.976	87.1	3.9	0.9
93	8/3/2016 12:16:40	15.13	47.88	31.22	7.48	7.92	12.0	3.067	90.0	4.5	1.1
94	8/3/2016 12:31:39	14.83	47.70	31.08	7.66	7.93	10.9	3.158	91.6	4.9	1.2
95	8/3/2016 12:46:40	14.63	47.98	31.28	7.77	7.94	9.0	3.240	92.6	4.4	1.0
96	8/3/2016 13:01:40	14.33	47.95	31.25	7.82	7.95	8.4	3.328	92.7	5.4	1.3
97	8/3/2016 13:16:40	13.78	47.84	31.15	7.77	7.94	8.4	3.398	91.0	4.7	1.1
98	8/3/2016 13:31:40	13.25	47.83	31.13	7.70	7.93	5.1	3.448	89.1	4.4	1.0
99	8/3/2016 13:46:40	12.98	47.79	31.10	7.67	7.92	3.6	3.492	88.3	3.1	0.7
100	8/3/2016 14:01:40	12.87	47.88	31.16	7.54	7.92	2.9	3.521	86.6	2.6	0.6
101	8/3/2016 14:16:40	12.95	47.86	31.14	7.58	7.92	4.0	3.510	87.2	2.7	0.6
102	8/3/2016 14:31:40	13.06	47.81	31.11	7.46	7.92	3.3	3.469	86.0	3.1	0.7
103	8/3/2016 14:46:40	13.60	47.61	30.98	7.50	7.93	5.3	3.418	87.4	2.9	0.7
104	8/3/2016 15:01:40	14.56	47.81	31.16	7.70	7.95	7.5	3.344	91.6	2.9	0.7
105	8/3/2016 15:16:39	15.48	47.63	31.05	7.98	7.97	7.5	3.248	96.7	3.3	0.8
106	8/3/2016 15:31:40	16.02	48.01	31.33	8.22	7.99	9.8	3.143	100.8	3.3	0.8
107	8/3/2016 15:46:39	16.36	47.68	31.09	7.90	7.97	11.5	3.046	97.4	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
108	8/3/2016 16:01:40	16.80	47.93	31.28	7.92	7.98	8.8	2.955	98.6	3.0	0.7
109	8/3/2016 16:16:40	17.03	47.99	31.33	7.99	7.98	8.9	2.852	99.9	3.3	0.8
110	8/3/2016 16:31:40	17.78	48.15	31.45	8.26	8.00	8.1	2.753	104.9	2.8	0.7
111	8/3/2016 16:46:39	18.19	48.09	31.41	8.47	8.01	8.1	2.659	108.4	2.8	0.7
112	8/3/2016 17:01:39	18.34	48.23	31.52	8.11	7.99	7.6	2.590	104.2	3.2	0.7
113	8/3/2016 17:16:39	18.62	48.15	31.46	8.20	8.01	6.5	2.494	105.8	2.5	0.6
114	8/3/2016 17:31:39	18.99	48.29	31.56	8.37	8.02	6.2	2.399	108.8	2.5	0.6
115	8/3/2016 17:46:40	19.04	48.29	31.56	8.18	8.01	6.9	2.331	106.5	3.0	0.7
116	8/3/2016 18:01:39	19.18	48.18	31.47	8.74	8.05	6.0	2.253	114.0	2.3	0.5
117	8/3/2016 18:16:39	19.33	48.26	31.54	8.54	8.04	5.4	2.196	111.7	2.8	0.7
118	8/3/2016 18:31:39	19.64	48.22	31.51	8.65	8.05	5.3	2.127	113.8	2.7	0.6
119	8/3/2016 18:46:39	19.72	48.36	31.61	8.63	8.05	5.2	2.086	113.8	2.9	0.7
120	8/3/2016 19:01:39	19.73	48.06	31.39	8.62	8.05	4.0	2.062	113.5	2.4	0.6
121	8/3/2016 19:16:39	19.63	48.28	31.55	9.25	8.10	5.4	2.054	121.7	3.2	0.8
122	8/3/2016 19:31:39	19.69	48.35	31.60	9.23	8.08	5.3	2.080	121.6	3.5	0.8
123	8/3/2016 19:46:39	19.62	48.17	31.47	8.92	8.06	5.7	2.109	117.3	3.0	0.7
124	8/3/2016 20:01:39	19.80	48.40	31.64	8.12	7.99	6.6	2.169	107.2	3.5	0.8
125	8/3/2016 20:16:39	19.66	48.45	31.68	8.05	7.99	7.4	2.239	106.0	3.3	0.8
126	8/3/2016 20:31:39	19.96	48.21	31.50	8.18	7.99	9.7	2.321	108.3	3.1	0.7
127	8/3/2016 20:46:39	19.38	48.36	31.61	8.17	7.99	9.9	2.417	107.1	3.4	0.8
128	8/3/2016 21:01:39	19.11	48.29	31.56	8.24	7.99	7.9	2.501	107.4	3.7	0.9
129	8/3/2016 21:16:40	18.54	48.31	31.57	8.12	7.98	8.0	2.592	104.7	3.8	0.9
130	8/3/2016 21:31:40	17.79	48.11	31.42	7.88	7.96	8.1	2.677	100.1	3.6	0.8
131	8/3/2016 21:46:40	17.37	48.00	31.34	7.74	7.94	6.8	2.767	97.5	3.9	0.9
132	8/3/2016 22:01:40	17.02	48.13	31.43	7.72	7.94	7.9	2.851	96.6	3.7	0.9
133	8/3/2016 22:16:40	16.70	48.14	31.43	7.67	7.94	8.9	2.944	95.4	3.8	0.9
134	8/3/2016 22:31:40	16.19	48.09	31.40	7.68	7.93	8.2	3.030	94.5	3.5	0.8
135	8/3/2016 22:46:40	15.87	47.73	31.12	7.69	7.93	8.2	3.123	93.9	3.3	0.8
136	8/3/2016 23:01:40	15.36	48.03	31.33	7.73	7.93	8.7	3.222	93.6	3.2	0.8
137	8/3/2016 23:16:40	14.60	48.00	31.30	7.78	7.93	7.9	3.315	92.7	4.6	1.1
138	8/3/2016 23:31:40	14.00	47.97	31.25	7.85	7.93	7.1	3.408	92.4	4.1	1.0
139	8/3/2016 23:46:40	13.48	47.77	31.10	7.92	7.93	5.8	3.493	92.1	4.5	1.1
140	8/4/2016 00:01:40	13.01	47.81	31.11	8.03	7.94	5.6	3.587	92.5	4.8	1.1
141	8/4/2016 00:16:40	12.84	47.81	31.10	8.18	7.95	4.5	3.654	93.9	4.5	1.1
142	8/4/2016 00:31:40	12.72	47.90	31.17	8.32	7.96	3.7	3.720	95.4	4.7	1.1
143	8/4/2016 00:46:40	12.79	47.73	31.04	8.42	7.97	3.4	3.765	96.6	4.9	1.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
144	8/4/2016 01:01:40	12.70	47.95	31.20	8.40	7.97	2.8	3.802	96.2	5.0	1.2
145	8/4/2016 01:16:40	12.63	47.84	31.12	8.21	7.96	2.0	3.820	93.9	4.1	1.0
146	8/4/2016 01:31:40	12.65	47.91	31.17	8.37	7.97	42.7	3.811	95.8	3.1	0.7
147	8/4/2016 01:46:40	12.81	47.75	31.06	8.29	7.97	3.5	3.782	95.1	3.3	0.8
148	8/4/2016 02:01:40	12.91	47.87	31.15	8.31	7.97	3.0	3.724	95.5	3.3	0.8
149	8/4/2016 02:16:40	13.85	47.82	31.14	7.66	7.93	5.6	3.643	89.9	4.0	1.0
150	8/4/2016 02:31:40	14.22	47.80	31.14	7.49	7.92	10.1	3.554	88.5	3.7	0.9
151	8/4/2016 02:46:40	13.39	47.93	31.21	7.83	7.93	5.9	3.451	91.0	3.9	0.9
152	8/4/2016 03:01:40	13.73	47.94	31.23	7.67	7.93	6.5	3.337	89.8	3.3	0.8
153	8/4/2016 03:16:40	14.91	47.75	31.12	7.47	7.92	6.9	3.224	89.5	2.7	0.6
154	8/4/2016 03:31:39	14.93	47.95	31.27	7.48	7.92	6.8	3.102	89.8	3.2	0.8
155	8/4/2016 03:46:39	15.26	47.73	31.12	7.43	7.92	7.5	2.989	89.6	3.2	0.8
156	8/4/2016 04:01:39	15.75	48.11	31.40	7.29	7.92	7.6	2.862	89.0	3.3	0.8
157	8/4/2016 04:16:39	16.02	48.02	31.34	7.15	7.91	7.9	2.719	87.7	2.9	0.7
158	8/4/2016 04:31:39	16.78	48.11	31.41	7.04	7.91	8.3	2.598	87.7	2.5	0.6
159	8/4/2016 04:46:39	17.02	47.94	31.29	6.77	7.88	7.8	2.465	84.6	2.8	0.7
160	8/4/2016 05:01:39	17.12	48.15	31.45	6.91	7.90	8.3	2.322	86.7	2.7	0.6
161	8/4/2016 05:16:39	17.71	48.32	31.58	6.92	7.91	8.9	2.180	87.8	3.2	0.7
162	8/4/2016 05:31:40	17.58	48.20	31.48	6.66	7.90	8.2	2.054	84.3	2.9	0.7
163	8/4/2016 05:46:40	17.77	48.08	31.40	6.73	7.90	9.3	1.913	85.4	2.5	0.6
164	8/4/2016 06:01:39	18.02	48.33	31.58	6.58	7.90	8.5	1.762	84.1	2.7	0.6
165	8/4/2016 06:16:39	18.15	48.23	31.51	6.63	7.90	8.7	1.625	84.8	3.2	0.8
166	8/4/2016 06:31:39	18.04	48.18	31.47	6.51	7.89	7.4	1.498	83.1	3.3	0.8
167	8/4/2016 06:46:39	18.34	48.12	31.43	6.50	7.90	7.9	1.376	83.4	3.8	0.9
168	8/4/2016 07:01:39	18.37	48.25	31.53	6.49	7.89	7.2	1.285	83.4	2.6	0.6
169	8/4/2016 07:16:39	18.55	48.31	31.57	6.30	7.89	6.2	1.220	81.2	2.5	0.6
170	8/4/2016 07:31:39	18.50	48.35	31.60	6.08	7.87	5.2	1.191	78.4	4.7	1.1
171	8/4/2016 07:46:39	18.50	48.32	31.58	6.34	7.88	5.3	1.167	81.7	4.9	1.1
172	8/4/2016 08:01:39	18.69	48.37	31.62	6.65	7.90	5.7	1.210	86.0	2.5	0.6
173	8/4/2016 08:16:39	19.00	48.40	31.64	6.63	7.90	6.1	1.275	86.2	3.0	0.7
174	8/4/2016 08:31:39	19.19	48.46	31.68	6.62	7.91	6.6	1.359	86.5	2.9	0.7
175	8/4/2016 08:46:39	19.15	48.40	31.64	6.66	7.91	7.3	1.455	86.9	3.0	0.7
176	8/4/2016 09:01:39	19.03	48.50	31.71	6.66	7.90	7.0	1.535	86.7	2.8	0.7
177	8/4/2016 09:16:39	19.00	48.49	31.70	6.65	7.90	7.3	1.641	86.6	2.6	0.6
178	8/4/2016 09:31:39	18.81	48.32	31.58	6.67	7.90	7.2	1.735	86.5	12.3	2.9
179	8/4/2016 09:46:39	18.81	48.49	31.70	6.67	7.90	7.1	1.820	86.4	8.7	2.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
180	8/4/2016 10:01:39	18.85	48.47	31.69	6.67	7.90	7.1	1.920	86.5	3.1	0.7
181	8/4/2016 10:16:39	18.84	48.28	31.55	6.68	7.90	6.7	2.024	86.6	3.1	0.7
182	8/4/2016 10:31:39	18.54	48.29	31.56	6.71	7.90	6.8	2.128	86.5	2.6	0.6
183	8/4/2016 10:46:40	18.13	48.31	31.57	6.82	7.90	6.8	2.231	87.2	2.1	0.5
184	8/4/2016 11:01:40	17.87	48.31	31.57	6.83	7.90	7.2	2.334	86.9	2.4	0.6
185	8/4/2016 11:16:39	17.52	48.22	31.50	6.79	7.89	8.1	2.446	85.8	2.9	0.7
186	8/4/2016 11:31:39	17.29	48.16	31.46	6.75	7.89	8.6	2.551	85.0	3.0	0.7
187	8/4/2016 11:46:40	17.13	48.20	31.48	6.75	7.88	9.0	2.643	84.6	2.5	0.6
188	8/4/2016 12:01:40	16.91	47.98	31.32	6.69	7.88	10.3	2.747	83.4	2.8	0.7
189	8/4/2016 12:16:40	16.31	47.99	31.32	6.83	7.88	11.0	2.844	84.3	3.0	0.7
190	8/4/2016 12:31:40	15.81	47.97	31.30	6.96	7.89	11.2	2.942	85.0	3.0	0.7
191	8/4/2016 12:46:40	14.95	47.82	31.17	7.29	7.91	10.3	3.032	87.4	3.6	0.8
192	8/4/2016 13:01:40	14.60	47.82	31.16	7.44	7.92	10.0	3.129	88.6	4.3	1.0
193	8/4/2016 13:16:40	14.35	47.69	31.06	7.51	7.93	9.3	3.221	89.0	3.8	0.9
194	8/4/2016 13:31:40	14.05	47.71	31.07	7.62	7.94	8.6	3.309	89.7	5.3	1.2
195	8/4/2016 13:46:39	13.52	47.71	31.06	7.62	7.93	7.5	3.381	88.7	4.8	1.1
196	8/4/2016 14:01:39	13.07	47.74	31.06	7.64	7.94	6.0	3.445	88.1	5.4	1.3
197	8/4/2016 14:16:39	12.88	47.75	31.06	7.58	7.94	3.7	3.497	87.1	4.8	1.1
198	8/4/2016 14:31:39	12.79	47.68	31.01	7.17	7.94	2.8	3.511	82.2	4.2	1.0
199	8/4/2016 14:46:40	13.12	47.75	31.07	7.42	7.93	4.1	3.524	85.6	3.7	0.9
200	8/4/2016 15:01:39	12.95	47.62	30.97	7.48	7.94	4.0	3.506	86.0	3.2	0.8
201	8/4/2016 15:16:39	13.12	47.74	31.07	7.43	7.94	4.4	3.466	85.8	3.3	0.8
202	8/4/2016 15:31:40	13.74	47.59	30.97	7.42	7.94	5.1	3.385	86.8	3.0	0.7
203	8/4/2016 15:46:39	14.31	47.58	30.99	7.56	7.95	6.7	3.303	89.4	2.8	0.6
204	8/4/2016 16:01:39	15.05	47.71	31.10	7.80	7.97	7.5	3.218	93.8	3.3	0.8
205	8/4/2016 16:16:39	15.75	47.76	31.15	7.99	7.99	7.0	3.128	97.4	3.1	0.7
206	8/4/2016 16:31:39	15.93	47.79	31.17	7.90	7.98	7.4	3.021	96.7	3.1	0.7
207	8/4/2016 16:46:39	15.97	47.94	31.28	8.06	8.00	7.6	2.927	98.7	3.6	0.8
208	8/4/2016 17:01:39	16.83	47.92	31.28	8.13	8.00	7.4	2.829	101.3	2.7	0.6
209	8/4/2016 17:16:39	17.35	47.92	31.28	8.35	8.02	6.7	2.735	105.1	3.2	0.8
210	8/4/2016 17:31:39	17.64	48.08	31.40	8.44	8.04	7.4	2.645	106.9	3.1	0.7
211	8/4/2016 17:46:39	18.03	48.05	31.38	7.79	7.98	8.4	2.555	99.3	3.3	0.8
212	8/4/2016 18:01:39	18.12	48.06	31.39	8.43	8.04	7.8	2.479	107.7	2.6	0.6
213	8/4/2016 18:16:39	18.32	48.24	31.52	7.79	7.99	7.9	2.384	99.9	2.7	0.6
214	8/4/2016 18:31:39	18.53	48.24	31.52	8.29	8.03	7.5	2.306	106.8	3.2	0.8
215	8/4/2016 18:46:39	18.77	48.23	31.51	8.06	8.03	7.6	2.248	104.3	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
216	8/4/2016 19:01:39	18.91	48.22	31.50	8.36	8.06	7.4	2.170	108.5	3.4	0.8
217	8/4/2016 19:16:39	19.03	48.25	31.53	8.38	8.09	6.8	2.115	109.1	3.1	0.7
218	8/4/2016 19:31:39	19.12	48.25	31.53	8.10	8.05	6.0	2.072	105.5	3.3	0.8
219	8/4/2016 19:46:39	19.23	48.21	31.50	7.91	8.05	5.3	2.053	103.3	2.7	0.6
220	8/4/2016 20:01:39	19.26	48.21	31.50	7.04	8.01	4.3	2.048	91.9	2.7	0.6
221	8/4/2016 20:16:39	19.23	48.18	31.48	7.95	8.03	5.8	2.061	103.7	4.1	1.0
222	8/4/2016 20:31:39	19.11	48.22	31.51	7.87	8.01	6.4	2.098	102.5	3.7	0.9
223	8/4/2016 20:46:39	19.12	48.27	31.54	7.55	7.98	7.0	2.156	98.4	3.3	0.8
224	8/4/2016 21:01:39	18.95	48.31	31.57	7.52	7.97	7.1	2.220	97.7	3.6	0.8
225	8/4/2016 21:16:40	18.97	48.14	31.45	7.55	7.98	8.9	2.297	98.0	3.5	0.8
226	8/4/2016 21:31:39	18.60	48.21	31.50	7.50	7.97	8.4	2.386	96.8	3.6	0.8
227	8/4/2016 21:46:40	18.46	48.12	31.43	7.50	7.97	8.4	2.470	96.5	2.9	0.7
228	8/4/2016 22:01:40	18.38	48.08	31.41	7.43	7.96	7.8	2.544	95.4	2.7	0.6
229	8/4/2016 22:16:40	17.73	47.97	31.32	7.30	7.95	7.9	2.630	92.5	3.2	0.7
230	8/4/2016 22:31:40	17.23	48.10	31.41	7.16	7.93	6.4	2.709	89.9	2.7	0.6
231	8/4/2016 22:46:40	17.02	48.00	31.34	7.08	7.93	6.4	2.794	88.6	3.3	0.8
232	8/4/2016 23:01:40	16.73	48.07	31.39	7.09	7.92	6.4	2.876	88.2	3.2	0.7
233	8/4/2016 23:16:40	16.27	48.00	31.33	7.13	7.93	6.5	2.956	87.9	3.3	0.8
234	8/4/2016 23:31:40	15.83	47.99	31.32	7.17	7.93	6.8	3.048	87.6	3.2	0.8
235	8/4/2016 23:46:40	15.51	47.81	31.18	7.14	7.92	6.4	3.133	86.6	3.4	0.8
236	8/5/2016 00:01:40	14.94	47.82	31.17	7.12	7.92	7.3	3.220	85.4	4.0	0.9
237	8/5/2016 00:16:40	14.21	47.77	31.12	7.17	7.92	7.0	3.313	84.7	4.3	1.0
238	8/5/2016 00:31:40	13.57	47.76	31.09	7.23	7.92	6.0	3.396	84.3	4.6	1.1
239	8/5/2016 00:46:40	13.15	47.82	31.12	7.32	7.92	5.7	3.478	84.6	4.3	1.0
240	8/5/2016 01:01:40	12.96	47.69	31.02	7.36	7.93	5.2	3.544	84.6	5.0	1.2
241	8/5/2016 01:16:40	12.72	47.73	31.04	7.44	7.93	4.2	3.605	85.2	5.9	1.4
242	8/5/2016 01:31:40	12.69	47.55	30.91	7.47	7.94	3.7	3.656	85.4	5.5	1.3
243	8/5/2016 01:46:40	12.56	47.78	31.07	7.45	7.95	2.6	3.686	85.0	4.6	1.1
244	8/5/2016 02:01:39	12.52	47.66	30.98	7.23	7.94	2.2	3.698	82.4	3.1	0.7
245	8/5/2016 02:16:40	12.54	47.61	30.95	7.27	7.94	2.7	3.701	82.9	2.8	0.7
246	8/5/2016 02:31:40	12.58	47.81	31.09	7.43	7.95	3.2	3.669	84.8	3.3	0.8
247	8/5/2016 02:46:40	12.55	47.76	31.06	7.44	7.95	3.1	3.622	84.9	3.7	0.9
248	8/5/2016 03:01:40	13.79	47.64	31.01	7.02	7.92	5.2	3.547	82.2	3.7	0.9
249	8/5/2016 03:16:39	13.77	47.55	30.95	6.98	7.91	6.4	3.457	81.7	2.9	0.7
250	8/5/2016 03:31:40	13.84	47.74	31.09	7.04	7.92	6.4	3.358	82.5	3.5	0.8
251	8/5/2016 03:46:40	14.77	47.78	31.14	6.92	7.92	7.6	3.256	82.7	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
252	8/5/2016 04:01:39	14.96	47.71	31.10	6.88	7.92	8.1	3.138	82.4	3.2	0.7
253	8/5/2016 04:16:39	15.09	47.73	31.11	6.88	7.91	7.6	3.018	82.8	2.7	0.6
254	8/5/2016 04:31:40	15.17	47.78	31.15	6.82	7.91	7.0	2.904	82.1	2.6	0.6
255	8/5/2016 04:46:40	15.92	47.79	31.17	6.71	7.91	7.0	2.786	82.0	2.7	0.6
256	8/5/2016 05:01:40	16.26	47.73	31.13	6.69	7.91	7.8	2.658	82.3	3.0	0.7
257	8/5/2016 05:16:40	16.75	47.99	31.32	6.56	7.90	7.6	2.532	81.7	2.9	0.7
258	8/5/2016 05:31:39	17.27	48.03	31.36	6.32	7.90	9.0	2.413	79.4	3.1	0.7
259	8/5/2016 05:46:39	17.20	48.11	31.42	6.10	7.87	7.6	2.294	76.6	2.8	0.7
260	8/5/2016 06:01:40	17.29	48.17	31.46	6.34	7.89	8.4	2.160	79.7	2.9	0.7
261	8/5/2016 06:16:40	17.24	48.09	31.41	6.37	7.89	9.1	2.029	80.1	2.8	0.7
262	8/5/2016 06:31:39	17.20	48.17	31.47	6.28	7.88	10.0	1.897	78.8	2.4	0.6
263	8/5/2016 06:46:39	17.46	48.02	31.36	6.20	7.88	8.6	1.762	78.2	2.7	0.6
264	8/5/2016 07:01:40	17.51	48.11	31.42	6.18	7.87	9.1	1.634	78.1	2.3	0.5
265	8/5/2016 07:16:40	17.71	48.22	31.51	6.22	7.88	11.1	1.532	78.9	3.1	0.7
266	8/5/2016 07:31:40	17.84	48.29	31.56	6.24	7.88	8.9	1.437	79.4	2.8	0.7
267	8/5/2016 07:46:40	17.95	48.35	31.60	6.15	7.88	7.5	1.362	78.4	2.7	0.6
268	8/5/2016 08:01:40	18.16	48.28	31.55	6.12	7.88	6.6	1.322	78.3	2.3	0.5
269	8/5/2016 08:16:39	18.15	48.11	31.43	5.76	7.87	5.2	1.310	73.7	2.7	0.6
270	8/5/2016 08:31:39	18.22	48.28	31.55	6.23	7.89	5.5	1.329	79.9	2.9	0.7
271	8/5/2016 08:46:40	18.28	48.35	31.60	6.30	7.89	5.5	1.368	80.8	3.0	0.7
272	8/5/2016 09:01:39	18.42	48.21	31.50	6.32	7.90	5.9	1.430	81.3	3.4	0.8
273	8/5/2016 09:16:39	18.58	48.39	31.63	6.32	7.90	7.4	1.515	81.5	2.7	0.6
274	8/5/2016 09:31:39	18.51	48.30	31.56	6.30	7.90	6.6	1.600	81.2	3.5	0.8
275	8/5/2016 09:46:39	18.42	48.29	31.56	6.32	7.90	7.0	1.701	81.3	3.1	0.7
276	8/5/2016 10:01:39	18.21	48.32	31.58	6.40	7.90	7.2	1.789	82.0	3.0	0.7
277	8/5/2016 10:16:40	18.12	48.41	31.64	6.42	7.90	6.6	1.878	82.1	3.7	0.9
278	8/5/2016 10:31:40	18.06	48.28	31.55	6.45	7.90	6.7	1.987	82.4	3.2	0.8
279	8/5/2016 10:46:40	18.10	48.30	31.56	6.39	7.90	6.3	2.068	81.7	2.4	0.6
280	8/5/2016 11:01:39	18.06	48.12	31.43	6.38	7.90	6.5	2.172	81.4	3.2	0.7
281	8/5/2016 11:16:40	17.63	48.17	31.47	6.48	7.90	6.5	2.282	82.1	2.5	0.6
282	8/5/2016 11:31:40	17.51	48.22	31.50	6.51	7.90	6.8	2.372	82.3	2.7	0.6
283	8/5/2016 11:46:40	17.27	48.11	31.42	6.50	7.89	7.6	2.475	81.8	2.8	0.7
284	8/5/2016 12:01:40	16.96	48.04	31.36	6.49	7.89	8.3	2.584	81.1	2.7	0.6
285	8/5/2016 12:16:40	16.80	47.92	31.28	6.47	7.88	8.6	2.674	80.5	2.7	0.6
286	8/5/2016 12:31:40	16.60	47.92	31.28	6.41	7.88	10.0	2.761	79.5	3.3	0.8
287	8/5/2016 12:46:40	16.22	47.93	31.28	6.49	7.88	10.6	2.864	79.8	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
288	8/5/2016 13:01:40	15.79	47.97	31.30	6.60	7.88	10.9	2.957	80.6	3.1	0.7
289	8/5/2016 13:16:40	15.20	47.68	31.07	6.89	7.90	11.2	3.045	83.0	3.7	0.9
290	8/5/2016 13:31:40	14.65	47.83	31.18	7.21	7.92	10.2	3.132	85.9	4.6	1.1
291	8/5/2016 13:46:40	14.37	47.85	31.18	7.41	7.94	9.5	3.226	87.9	5.0	1.2
292	8/5/2016 14:01:40	14.10	47.77	31.12	7.68	7.96	7.8	3.313	90.5	5.2	1.2
293	8/5/2016 14:16:40	13.93	47.70	31.06	7.80	7.98	6.0	3.373	91.5	5.7	1.3
294	8/5/2016 14:31:40	13.89	47.71	31.06	7.81	7.99	4.3	3.436	91.6	5.9	1.4
295	8/5/2016 14:46:40	13.83	47.80	31.13	7.89	7.99	3.9	3.497	92.5	5.6	1.3
296	8/5/2016 15:01:40	13.76	47.75	31.09	7.87	8.00	3.0	3.525	92.1	5.9	1.4
297	8/5/2016 15:16:40	13.94	47.62	31.00	7.67	7.99	3.5	3.522	90.1	5.3	1.3
298	8/5/2016 15:31:40	13.66	47.73	31.08	8.05	8.01	4.4	3.517	94.0	5.0	1.2
299	8/5/2016 15:46:40	13.75	47.70	31.06	7.88	8.00	3.9	3.484	92.2	5.4	1.3
300	8/5/2016 16:01:40	13.84	47.57	30.97	7.84	7.99	4.7	3.427	91.8	4.1	1.0
301	8/5/2016 16:16:40	14.20	47.71	31.08	7.75	7.99	6.1	3.329	91.6	4.9	1.1
302	8/5/2016 16:31:40	14.83	47.73	31.11	7.86	7.99	7.6	3.241	94.0	3.9	0.9
303	8/5/2016 16:46:40	15.54	47.94	31.27	7.99	8.00	7.8	3.164	97.1	4.3	1.0
304	8/5/2016 17:01:40	15.79	47.82	31.19	7.85	8.00	9.0	3.070	95.8	4.1	1.0
305	8/5/2016 17:16:40	16.26	47.87	31.23	7.49	7.97	7.9	2.955	92.3	3.8	0.9
306	8/5/2016 17:31:40	16.39	47.95	31.29	7.64	7.97	8.8	2.865	94.4	3.7	0.9
307	8/5/2016 17:46:40	16.79	47.62	31.06	7.74	7.98	7.6	2.783	96.2	3.4	0.8
308	8/5/2016 18:01:39	17.32	48.02	31.35	7.82	7.99	7.4	2.684	98.4	2.9	0.7
309	8/5/2016 18:16:40	17.67	48.00	31.34	7.99	8.00	7.7	2.592	101.2	2.9	0.7
310	8/5/2016 18:31:40	17.90	48.06	31.38	7.97	8.00	7.9	2.510	101.4	2.6	0.6
311	8/5/2016 18:46:40	18.07	48.16	31.46	7.90	8.00	7.6	2.432	100.9	3.4	0.8
312	8/5/2016 19:01:39	18.31	47.98	31.33	8.20	8.02	7.7	2.347	105.1	2.9	0.7
313	8/5/2016 19:16:39	18.38	48.01	31.35	8.00	8.02	7.3	2.258	102.7	3.2	0.7
314	8/5/2016 19:31:39	18.35	48.20	31.49	8.33	8.04	6.9	2.191	107.0	3.1	0.7
315	8/5/2016 19:46:40	18.42	48.16	31.46	7.83	8.01	6.4	2.131	100.7	3.1	0.7
316	8/5/2016 20:01:40	18.65	48.16	31.46	7.83	8.01	6.5	2.075	101.1	3.7	0.9
317	8/5/2016 20:16:39	18.88	48.21	31.50	8.26	8.05	5.9	2.022	107.1	3.5	0.8
318	8/5/2016 20:31:39	18.89	48.26	31.54	8.72	8.10	5.7	2.008	113.1	3.0	0.7
319	8/5/2016 20:46:40	18.90	48.14	31.45	8.72	8.09	5.3	2.021	113.2	3.7	0.9
320	8/5/2016 21:01:40	18.93	48.31	31.57	8.14	8.04	5.5	2.035	105.7	3.8	0.9
321	8/5/2016 21:16:40	18.93	48.29	31.56	7.81	8.00	5.7	2.062	101.4	3.6	0.8
322	8/5/2016 21:31:40	19.13	48.38	31.62	7.44	7.97	6.4	2.130	97.0	4.3	1.0
323	8/5/2016 21:46:39	18.92	48.27	31.54	7.40	7.97	6.8	2.207	96.1	4.0	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
324	8/5/2016 22:01:39	19.11	48.20	31.49	7.54	7.98	9.2	2.277	98.2	4.0	0.9
325	8/5/2016 22:16:40	18.80	48.21	31.50	7.62	7.98	7.6	2.350	98.7	3.9	0.9
326	8/5/2016 22:31:40	18.52	48.19	31.49	7.61	7.98	7.3	2.442	98.0	3.4	0.8
327	8/5/2016 22:46:40	18.30	48.18	31.48	7.56	7.97	7.3	2.529	97.0	3.4	0.8
328	8/5/2016 23:01:40	17.52	48.01	31.35	7.48	7.96	6.8	2.596	94.5	4.2	1.0
329	8/5/2016 23:16:40	17.16	48.05	31.37	7.35	7.95	6.1	2.673	92.2	4.0	0.9
330	8/5/2016 23:31:40	16.96	47.96	31.31	7.24	7.94	5.7	2.754	90.5	4.1	1.0
331	8/5/2016 23:46:40	16.73	48.01	31.34	7.24	7.94	5.7	2.831	90.0	3.8	0.9
332	8/6/2016 00:01:40	16.39	47.94	31.28	7.30	7.94	6.2	2.903	90.2	3.9	0.9
333	8/6/2016 00:16:40	16.06	47.82	31.19	7.40	7.95	5.8	2.980	90.8	4.1	1.0
334	8/6/2016 00:31:41	15.79	48.00	31.32	7.52	7.96	6.1	3.065	91.8	5.8	1.4
335	8/6/2016 00:46:40	15.63	47.81	31.18	7.58	7.96	6.0	3.146	92.1	3.9	0.9
336	8/6/2016 01:01:40	15.16	47.77	31.14	7.70	7.97	6.4	3.222	92.8	4.3	1.0
337	8/6/2016 01:16:40	14.72	47.62	31.03	7.82	7.99	5.7	3.295	93.2	4.7	1.1
338	8/6/2016 01:31:40	14.38	47.82	31.16	7.85	8.00	5.3	3.366	93.1	4.3	1.0
339	8/6/2016 01:46:40	14.06	47.76	31.11	8.01	8.01	4.9	3.434	94.3	4.9	1.2
340	8/6/2016 02:01:40	13.79	47.69	31.05	8.16	8.02	3.6	3.479	95.5	5.7	1.3
341	8/6/2016 02:16:40	13.75	47.65	31.02	8.16	8.03	3.0	3.520	95.4	4.3	1.0
342	8/6/2016 02:31:40	13.71	47.65	31.02	8.03	8.02	2.7	3.554	93.9	8.0	1.9
343	8/6/2016 02:46:40	13.67	47.76	31.10	7.72	8.01	3.2	3.557	90.2	3.3	0.8
344	8/6/2016 03:01:40	13.78	47.73	31.08	7.94	8.02	2.7	3.553	92.9	3.6	0.8
345	8/6/2016 03:16:40	13.99	47.66	31.03	7.89	8.01	3.7	3.521	92.8	3.6	0.8
346	8/6/2016 03:31:40	14.00	47.68	31.05	7.97	8.02	3.9	3.458	93.7	3.0	0.7
347	8/6/2016 03:46:40	14.94	47.78	31.15	7.43	7.97	5.8	3.393	89.1	3.1	0.7
348	8/6/2016 04:01:40	15.40	47.89	31.23	7.12	7.95	6.4	3.308	86.2	3.1	0.7
349	8/6/2016 04:16:40	14.56	47.78	31.14	7.48	7.97	6.8	3.204	89.0	3.3	0.8
350	8/6/2016 04:31:40	15.00	47.71	31.09	7.36	7.96	6.7	3.109	88.3	3.2	0.8
351	8/6/2016 04:46:39	15.61	47.73	31.12	7.23	7.95	7.3	3.004	87.9	3.0	0.7
352	8/6/2016 05:01:40	15.85	47.93	31.27	7.04	7.94	6.7	2.899	86.0	3.2	0.8
353	8/6/2016 05:16:39	16.44	47.79	31.18	6.73	7.91	7.2	2.798	83.1	2.4	0.6
354	8/6/2016 05:31:40	16.80	48.07	31.39	6.49	7.89	7.5	2.689	80.8	2.8	0.7
355	8/6/2016 05:46:40	16.96	47.97	31.32	6.50	7.89	7.6	2.581	81.1	2.8	0.7
356	8/6/2016 06:01:40	17.21	48.08	31.40	6.45	7.89	7.8	2.480	81.0	3.0	0.7
357	8/6/2016 06:16:40	17.27	48.17	31.46	6.44	7.88	7.5	2.370	81.0	2.7	0.6
358	8/6/2016 06:31:40	17.25	47.99	31.33	6.44	7.88	8.3	2.234	80.8	2.7	0.6
359	8/6/2016 06:46:40	16.85	48.03	31.36	6.39	7.87	8.4	2.128	79.7	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
360	8/6/2016 07:01:40	17.01	48.09	31.41	6.30	7.88	8.1	2.002	78.8	2.8	0.7
361	8/6/2016 07:16:40	17.26	48.16	31.45	6.29	7.88	8.8	1.883	79.1	2.9	0.7
362	8/6/2016 07:31:40	17.53	48.28	31.54	6.29	7.88	8.7	1.777	79.6	2.4	0.6
363	8/6/2016 07:46:40	17.35	48.07	31.39	6.21	7.87	7.8	1.680	78.1	2.8	0.7
364	8/6/2016 08:01:40	17.50	48.23	31.51	6.30	7.88	7.4	1.590	79.6	2.7	0.6
365	8/6/2016 08:16:40	17.53	48.14	31.44	6.21	7.87	7.0	1.527	78.5	2.7	0.6
366	8/6/2016 08:31:39	17.76	48.21	31.50	6.23	7.88	6.3	1.471	79.2	2.8	0.7
367	8/6/2016 08:46:40	18.06	48.34	31.60	6.16	7.88	5.2	1.442	78.7	2.3	0.5
368	8/6/2016 09:01:40	18.12	48.16	31.46	6.34	7.89	5.3	1.487	81.1	3.0	0.7
369	8/6/2016 09:16:40	18.25	48.30	31.56	6.44	7.89	5.7	1.483	82.6	3.1	0.7
370	8/6/2016 09:31:40	18.26	48.33	31.58	6.47	7.90	6.7	1.532	83.0	3.6	0.8
371	8/6/2016 09:46:40	18.58	48.40	31.64	6.46	7.90	5.9	1.623	83.4	3.5	0.8
372	8/6/2016 10:01:40	18.54	48.30	31.57	6.48	7.90	6.0	1.694	83.5	3.6	0.9
373	8/6/2016 10:16:40	18.48	48.39	31.63	6.50	7.90	6.1	1.781	83.7	3.4	0.8
374	8/6/2016 10:31:40	18.36	48.30	31.57	6.52	7.90	6.1	1.860	83.8	2.8	0.7
375	8/6/2016 10:46:40	18.17	48.29	31.55	6.56	7.90	6.0	1.953	83.9	3.1	0.7
376	8/6/2016 11:01:40	18.03	48.26	31.53	6.60	7.90	5.7	2.043	84.3	3.2	0.8
377	8/6/2016 11:16:40	17.99	48.17	31.47	6.64	7.90	5.7	2.121	84.6	3.4	0.8
378	8/6/2016 11:31:40	18.01	48.24	31.52	6.61	7.89	5.4	2.214	84.3	3.1	0.7
379	8/6/2016 11:46:40	17.65	48.14	31.44	6.66	7.89	5.7	2.314	84.4	2.5	0.6
380	8/6/2016 12:01:40	17.54	48.10	31.41	6.71	7.89	6.2	2.399	84.8	2.2	0.5
381	8/6/2016 12:16:40	17.40	48.14	31.44	6.75	7.90	6.1	2.490	85.1	2.4	0.6
382	8/6/2016 12:31:40	17.20	48.07	31.39	6.80	7.90	6.2	2.585	85.4	2.2	0.5
383	8/6/2016 12:46:40	16.97	47.83	31.21	6.78	7.90	7.4	2.672	84.6	2.8	0.7
384	8/6/2016 13:01:40	16.79	47.91	31.27	6.78	7.90	7.5	2.759	84.4	3.3	0.8
385	8/6/2016 13:16:40	16.65	48.02	31.35	6.81	7.90	8.3	2.850	84.6	3.2	0.8
386	8/6/2016 13:31:40	16.27	47.81	31.19	6.85	7.90	9.4	2.938	84.3	3.6	0.8
387	8/6/2016 13:46:40	15.86	47.86	31.22	6.96	7.91	10.3	3.027	85.0	3.7	0.9
388	8/6/2016 14:01:40	15.29	47.83	31.19	7.33	7.94	9.6	3.116	88.5	4.1	1.0
389	8/6/2016 14:16:40	14.88	47.86	31.20	7.58	7.96	7.4	3.201	90.8	4.8	1.1
390	8/6/2016 14:31:40	14.63	47.67	31.05	7.79	7.98	7.7	3.282	92.7	4.8	1.1
391	8/6/2016 14:46:40	14.45	47.65	31.04	7.95	8.00	6.3	3.354	94.3	5.0	1.2
392	8/6/2016 15:01:40	14.32	47.78	31.13	7.96	8.00	5.4	3.413	94.2	5.3	1.2
393	8/6/2016 15:16:40	14.17	47.70	31.06	8.09	8.01	3.4	3.462	95.4	4.2	1.0
394	8/6/2016 15:31:40	14.11	47.57	30.97	8.07	8.02	2.9	3.496	95.0	3.6	0.9
395	8/6/2016 15:46:40	14.10	47.53	30.94	7.85	8.01	2.5	3.505	92.4	3.7	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
396	8/6/2016 16:01:40	14.05	47.60	30.99	8.03	8.02	3.7	3.495	94.5	3.8	0.9
397	8/6/2016 16:16:40	14.17	47.62	31.01	8.01	8.01	6.8	3.462	94.5	3.3	0.8
398	8/6/2016 16:31:40	14.35	47.70	31.07	7.91	8.01	4.2	3.409	93.6	3.3	0.8
399	8/6/2016 16:46:40	14.65	47.79	31.14	7.84	8.00	5.6	3.338	93.5	3.5	0.8
400	8/6/2016 17:01:40	15.33	47.76	31.14	8.00	8.01	6.1	3.251	96.7	3.2	0.8
401	8/6/2016 17:16:40	16.15	47.82	31.19	8.10	8.02	8.1	3.165	99.5	3.9	0.9
402	8/6/2016 17:31:40	16.27	47.64	31.06	8.17	8.02	8.6	3.072	100.6	4.6	1.1
403	8/6/2016 17:46:40	16.71	47.91	31.27	7.84	8.00	8.7	2.984	97.4	4.3	1.0
404	8/6/2016 18:01:40	16.94	47.84	31.22	7.90	8.00	8.6	2.882	98.6	4.1	1.0
405	8/6/2016 18:16:40	17.34	47.93	31.29	8.03	8.01	8.1	2.801	101.0	3.6	0.8
406	8/6/2016 18:31:39	17.58	47.92	31.28	7.91	8.00	7.8	2.713	99.9	2.7	0.6
407	8/6/2016 18:46:39	17.96	47.97	31.32	7.92	8.00	8.0	2.625	100.8	2.8	0.7
408	8/6/2016 19:01:40	18.27	48.10	31.42	8.32	8.03	7.5	2.541	106.6	3.0	0.7
409	8/6/2016 19:16:39	18.38	48.05	31.38	7.96	8.00	7.3	2.454	102.3	3.1	0.7
410	8/6/2016 19:31:39	18.58	48.19	31.49	8.07	8.02	7.2	2.381	104.0	3.0	0.7
411	8/6/2016 19:46:40	18.69	48.10	31.42	8.13	8.02	8.4	2.300	105.0	3.1	0.7
412	8/6/2016 20:01:39	18.56	48.08	31.40	8.60	8.07	6.5	2.215	110.8	3.8	0.9
413	8/6/2016 20:16:39	18.50	48.14	31.45	8.18	8.05	6.5	2.147	105.4	2.9	0.7
414	8/6/2016 20:31:39	18.66	47.99	31.34	8.00	8.02	5.8	2.096	103.2	3.6	0.9
415	8/6/2016 20:46:39	18.56	48.18	31.48	8.31	8.06	5.4	2.047	107.2	3.9	0.9
416	8/6/2016 21:01:39	18.86	48.10	31.42	8.10	8.04	5.7	2.005	104.9	4.5	1.1
417	8/6/2016 21:16:40	18.98	48.26	31.54	8.13	8.06	5.4	2.002	105.6	4.4	1.0
418	8/6/2016 21:31:39	18.75	48.22	31.50	8.40	8.06	6.5	2.022	108.7	3.7	0.9
419	8/6/2016 21:46:39	19.16	48.42	31.65	7.79	8.00	5.6	2.018	101.7	4.8	1.1
420	8/6/2016 22:01:40	19.04	48.24	31.52	7.68	7.99	5.9	2.060	99.9	4.5	1.1
421	8/6/2016 22:16:39	19.28	48.23	31.51	7.51	7.97	7.0	2.130	98.2	4.1	1.0
422	8/6/2016 22:31:39	19.10	48.37	31.62	7.52	7.97	6.4	2.188	98.0	4.7	1.1
423	8/6/2016 22:46:39	19.31	48.18	31.47	7.66	7.98	8.9	2.258	100.1	4.4	1.0
424	8/6/2016 23:01:39	19.16	48.18	31.48	7.73	7.99	8.3	2.331	100.8	4.2	1.0
425	8/6/2016 23:16:39	18.83	48.10	31.42	7.74	7.99	7.4	2.414	100.2	4.4	1.0
426	8/6/2016 23:31:40	18.68	48.15	31.46	7.71	7.98	6.4	2.484	99.5	4.2	1.0
427	8/6/2016 23:46:40	18.24	48.14	31.45	7.68	7.98	6.1	2.547	98.4	4.1	1.0
428	8/7/2016 00:01:39	17.65	47.94	31.30	7.55	7.96	5.6	2.624	95.5	3.8	0.9
429	8/7/2016 00:16:40	17.36	48.07	31.39	7.45	7.96	5.5	2.691	93.8	3.6	0.9
430	8/7/2016 00:31:40	17.19	48.04	31.36	7.40	7.95	5.1	2.757	92.8	3.5	0.8
431	8/7/2016 00:46:40	16.91	47.99	31.33	7.42	7.95	5.0	2.823	92.6	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
432	8/7/2016 01:01:40	16.64	47.88	31.24	7.49	7.96	4.7	2.890	92.9	3.8	0.9
433	8/7/2016 01:16:40	16.35	47.83	31.20	7.58	7.97	4.8	2.963	93.4	3.8	0.9
434	8/7/2016 01:31:40	16.14	47.80	31.18	7.65	7.97	4.6	3.021	93.9	3.7	0.9
435	8/7/2016 01:46:40	15.97	47.75	31.14	7.70	7.98	4.3	3.091	94.2	3.7	0.9
436	8/7/2016 02:01:40	15.74	47.73	31.12	7.77	7.98	4.8	3.157	94.6	3.9	0.9
437	8/7/2016 02:16:40	15.50	47.72	31.11	7.80	7.99	3.9	3.212	94.6	3.9	0.9
438	8/7/2016 02:31:40	15.25	47.75	31.13	7.86	8.00	3.9	3.267	94.8	4.1	1.0
439	8/7/2016 02:46:40	15.03	47.75	31.12	7.86	8.00	3.7	3.305	94.3	4.0	0.9
440	8/7/2016 03:01:40	14.88	47.73	31.10	7.83	8.00	2.8	3.344	93.8	4.0	0.9
441	8/7/2016 03:16:40	14.81	47.77	31.14	7.73	8.00	2.9	3.362	92.5	3.9	0.9
442	8/7/2016 03:31:40	14.90	47.69	31.08	7.51	7.98	2.9	3.360	89.9	2.7	0.6
443	8/7/2016 03:46:40	14.78	47.63	31.03	7.59	7.99	2.6	3.358	90.6	3.1	0.7
444	8/7/2016 04:01:40	15.00	47.63	31.04	7.60	7.99	2.9	3.314	91.2	2.8	0.7
445	8/7/2016 04:16:40	15.34	47.77	31.15	7.51	7.98	4.3	3.265	90.8	2.2	0.5
446	8/7/2016 04:31:40	16.36	47.64	31.07	7.03	7.94	5.8	3.195	86.6	2.8	0.7
447	8/7/2016 04:46:40	16.34	47.83	31.20	7.02	7.94	6.1	3.121	86.6	3.0	0.7
448	8/7/2016 05:01:40	15.84	47.70	31.10	7.30	7.96	5.7	3.035	89.1	2.8	0.7
449	8/7/2016 05:16:40	15.74	47.82	31.19	7.26	7.96	5.4	2.949	88.5	3.0	0.7
450	8/7/2016 05:31:40	16.13	47.88	31.24	7.06	7.94	5.9	2.853	86.8	2.5	0.6
451	8/7/2016 05:46:40	16.45	48.00	31.33	6.77	7.91	6.2	2.765	83.7	2.8	0.7
452	8/7/2016 06:01:40	16.87	48.00	31.34	6.55	7.90	6.2	2.679	81.7	2.7	0.6
453	8/7/2016 06:16:40	16.95	48.22	31.50	6.57	7.90	6.5	2.576	82.1	3.1	0.7
454	8/7/2016 06:31:40	17.15	47.98	31.32	6.60	7.90	7.6	2.477	82.8	2.8	0.6
455	8/7/2016 06:46:40	17.23	48.14	31.44	6.46	7.89	7.3	2.390	81.1	2.1	0.5
456	8/7/2016 07:01:40	17.39	48.18	31.47	6.42	7.88	8.2	2.287	80.9	2.7	0.6
457	8/7/2016 07:16:40	16.94	48.21	31.49	6.13	7.85	7.6	2.172	76.6	2.9	0.7
458	8/7/2016 07:31:40	17.21	48.21	31.49	6.08	7.86	7.5	2.081	76.4	2.8	0.7
459	8/7/2016 07:46:40	17.16	48.14	31.44	6.14	7.86	10.2	1.981	77.1	2.9	0.7
460	8/7/2016 08:01:40	17.17	48.11	31.42	6.39	7.87	6.4	1.894	80.1	2.6	0.6
461	8/7/2016 08:16:40	17.30	48.30	31.55	6.35	7.87	5.8	1.810	80.0	3.0	0.7
462	8/7/2016 08:31:40	17.27	48.12	31.42	6.42	7.87	6.1	1.738	80.7	3.0	0.7
463	8/7/2016 08:46:40	17.46	48.25	31.52	6.50	7.89	5.4	1.682	82.1	3.3	0.8
464	8/7/2016 09:01:40	17.68	48.17	31.46	6.47	7.89	5.9	1.655	82.0	3.4	0.8
465	8/7/2016 09:16:40	17.81	48.24	31.52	6.28	7.88	4.3	1.628	79.9	2.6	0.6
466	8/7/2016 09:31:39	17.88	48.26	31.53	6.30	7.89	5.0	1.620	80.2	2.6	0.6
467	8/7/2016 09:46:40	17.91	48.24	31.52	6.68	7.90	4.9	1.657	85.0	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
468	8/7/2016 10:01:39	18.09	48.35	31.60	6.60	7.90	4.8	1.693	84.4	3.3	0.8
469	8/7/2016 10:16:39	18.14	48.28	31.55	6.64	7.90	4.8	1.738	85.0	3.7	0.9
470	8/7/2016 10:31:40	18.31	48.41	31.64	6.57	7.90	5.0	1.810	84.3	3.2	0.8
471	8/7/2016 10:46:39	18.33	48.36	31.61	6.58	7.90	5.3	1.892	84.5	3.0	0.7
472	8/7/2016 11:01:40	18.39	48.33	31.59	6.60	7.90	5.1	1.964	84.9	3.0	0.7
473	8/7/2016 11:16:40	18.29	48.27	31.54	6.61	7.90	5.2	2.045	84.8	2.9	0.7
474	8/7/2016 11:31:39	18.13	48.19	31.48	6.63	7.90	4.9	2.133	84.8	3.4	0.8
475	8/7/2016 11:46:39	18.09	48.32	31.58	6.70	7.91	5.2	2.206	85.6	2.9	0.7
476	8/7/2016 12:01:39	18.01	48.05	31.38	6.74	7.91	4.7	2.283	85.9	3.0	0.7
477	8/7/2016 12:16:40	17.83	48.24	31.52	6.66	7.90	5.3	2.374	84.7	3.5	0.8
478	8/7/2016 12:31:40	17.52	48.08	31.40	6.74	7.90	5.3	2.461	85.1	3.2	0.8
479	8/7/2016 12:46:40	17.44	48.04	31.37	6.75	7.90	4.8	2.531	85.1	2.5	0.6
480	8/7/2016 13:01:40	17.36	48.11	31.42	6.79	7.91	5.7	2.617	85.5	2.9	0.7
481	8/7/2016 13:16:40	17.24	48.08	31.40	6.85	7.91	5.4	2.702	86.1	3.5	0.8
482	8/7/2016 13:31:40	17.02	48.04	31.36	6.85	7.91	6.5	2.789	85.6	2.6	0.6
483	8/7/2016 13:46:40	16.88	47.87	31.24	6.92	7.91	6.8	2.861	86.3	3.0	0.7
484	8/7/2016 14:01:40	16.70	47.84	31.21	6.97	7.92	6.3	2.946	86.6	3.5	0.8
485	8/7/2016 14:16:40	16.34	47.80	31.19	7.20	7.93	7.9	3.042	88.7	3.1	0.7
486	8/7/2016 14:31:40	16.11	47.78	31.17	7.33	7.94	7.2	3.109	89.9	3.2	0.8
487	8/7/2016 14:46:40	15.68	47.70	31.10	7.55	7.96	7.5	3.187	91.8	3.5	0.8
488	8/7/2016 15:01:40	15.29	47.66	31.06	7.74	7.98	5.9	3.264	93.4	3.8	0.9
489	8/7/2016 15:16:40	14.93	47.58	31.00	7.87	7.99	5.0	3.339	94.3	4.2	1.0
490	8/7/2016 15:31:40	14.70	47.74	31.11	7.97	8.00	4.0	3.385	95.1	4.1	1.0
491	8/7/2016 15:46:40	14.62	47.71	31.09	8.00	8.00	3.2	3.431	95.2	4.6	1.1
492	8/7/2016 16:01:40	14.53	47.68	31.06	7.95	8.01	2.7	3.466	94.5	3.4	0.8
493	8/7/2016 16:16:40	14.47	47.67	31.05	7.70	8.00	2.1	3.487	91.4	2.9	0.7
494	8/7/2016 16:31:40	14.43	47.62	31.01	7.80	8.00	3.0	3.479	92.5	2.3	0.6
495	8/7/2016 16:46:40	14.51	47.57	30.98	7.82	8.00	3.4	3.448	92.9	2.8	0.7
496	8/7/2016 17:01:40	14.65	47.51	30.94	7.85	8.00	4.3	3.400	93.4	3.3	0.8
497	8/7/2016 17:16:40	15.04	47.76	31.13	7.75	8.00	3.9	3.351	93.1	2.9	0.7
498	8/7/2016 17:31:40	15.61	47.72	31.12	7.83	8.00	6.8	3.263	95.1	2.9	0.7
499	8/7/2016 17:46:40	16.47	47.80	31.19	7.88	8.00	6.6	3.183	97.4	3.2	0.8
500	8/7/2016 18:01:40	16.79	47.94	31.29	8.09	8.02	6.2	3.102	100.6	3.6	0.8
501	8/7/2016 18:16:40	16.74	47.84	31.22	8.25	8.03	6.6	3.016	102.5	3.6	0.8
502	8/7/2016 18:31:40	16.91	47.83	31.21	8.01	8.02	6.7	2.931	99.8	3.5	0.8
503	8/7/2016 18:46:40	17.27	47.83	31.21	8.17	8.02	6.6	2.842	102.6	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
504	8/7/2016 19:01:39	17.72	47.86	31.24	8.13	8.03	7.3	2.771	103.0	2.9	0.7
505	8/7/2016 19:16:40	18.02	48.05	31.38	7.97	8.01	8.1	2.678	101.6	3.1	0.7
506	8/7/2016 19:31:40	18.21	48.15	31.46	7.98	8.02	8.0	2.606	102.2	3.2	0.8
507	8/7/2016 19:46:40	18.35	48.08	31.41	8.23	8.03	8.3	2.525	105.6	3.3	0.8
508	8/7/2016 20:01:39	18.44	48.00	31.34	8.42	8.05	9.0	2.435	108.2	3.9	0.9
509	8/7/2016 20:16:39	18.18	48.05	31.38	8.59	8.08	8.9	2.362	109.9	3.8	0.9
510	8/7/2016 20:31:40	18.09	48.16	31.46	8.50	8.08	9.6	2.287	108.5	3.7	0.9
511	8/7/2016 20:46:39	18.16	47.90	31.27	8.31	8.06	9.2	2.224	106.2	4.6	1.1
512	8/7/2016 21:01:40	18.12	48.14	31.45	8.18	8.06	9.1	2.159	104.6	4.0	0.9
513	8/7/2016 21:16:40	18.16	48.04	31.37	8.01	8.04	9.7	2.104	102.5	4.2	1.0
514	8/7/2016 21:31:40	18.41	48.11	31.43	7.55	8.00	8.0	2.066	97.0	3.6	0.8
515	8/7/2016 21:46:40	18.62	48.15	31.46	7.49	8.00	8.7	2.031	96.6	4.4	1.0
516	8/7/2016 22:01:39	18.99	48.24	31.52	7.19	7.98	7.1	2.014	93.5	5.3	1.2
517	8/7/2016 22:16:39	19.11	48.13	31.44	6.67	7.94	8.2	2.013	86.9	4.9	1.1
518	8/7/2016 22:31:39	19.35	48.27	31.54	7.41	7.98	7.9	2.034	96.9	5.3	1.2
519	8/7/2016 22:46:39	19.15	48.27	31.55	7.46	7.98	7.6	2.055	97.2	5.3	1.3
520	8/7/2016 23:01:39	19.44	48.34	31.59	7.39	7.97	7.8	2.093	96.9	5.2	1.2
521	8/7/2016 23:16:39	19.45	48.36	31.61	7.42	7.97	7.8	2.160	97.3	5.1	1.2
522	8/7/2016 23:31:39	19.24	48.02	31.36	7.40	7.96	7.2	2.209	96.6	4.4	1.0
523	8/7/2016 23:46:39	19.56	48.36	31.61	7.45	7.98	8.1	2.276	97.9	4.8	1.1
524	8/8/2016 00:01:39	19.33	48.35	31.60	7.60	7.98	8.3	2.348	99.5	5.0	1.2
525	8/8/2016 00:16:40	18.98	48.37	31.61	7.65	7.99	7.4	2.412	99.4	4.7	1.1
526	8/8/2016 00:31:40	18.87	48.44	31.67	7.66	7.98	6.3	2.474	99.5	4.6	1.1
527	8/8/2016 00:46:40	18.68	48.37	31.62	7.66	7.98	6.2	2.528	99.1	4.7	1.1
528	8/8/2016 01:01:40	18.32	48.24	31.52	7.60	7.97	5.7	2.594	97.6	3.8	0.9
529	8/8/2016 01:16:40	17.79	48.07	31.39	7.49	7.95	5.2	2.655	95.1	3.2	0.8
530	8/8/2016 01:31:40	17.58	48.03	31.36	7.44	7.95	4.8	2.711	94.1	3.8	0.9
531	8/8/2016 01:46:40	17.37	47.98	31.33	7.47	7.95	4.3	2.763	94.0	3.6	0.8
532	8/8/2016 02:01:40	17.25	47.99	31.33	7.47	7.95	4.1	2.824	93.8	3.1	0.7
533	8/8/2016 02:16:40	17.00	47.85	31.23	7.54	7.95	3.8	2.884	94.1	3.5	0.8
534	8/8/2016 02:31:40	16.94	48.00	31.33	7.52	7.95	4.2	2.931	93.9	4.6	1.1
535	8/8/2016 02:46:40	16.65	47.99	31.33	7.56	7.96	3.7	2.992	93.9	3.3	0.8
536	8/8/2016 03:01:40	16.44	47.96	31.30	7.56	7.96	3.6	3.040	93.5	3.6	0.8
537	8/8/2016 03:16:40	16.31	47.79	31.17	7.54	7.96	3.4	3.090	92.9	2.8	0.7
538	8/8/2016 03:31:40	16.20	47.73	31.13	7.50	7.96	3.4	3.128	92.2	3.3	0.8
539	8/8/2016 03:46:40	16.12	47.90	31.25	7.45	7.96	3.1	3.152	91.5	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
540	8/8/2016 04:01:40	16.08	47.67	31.09	7.32	7.96	2.8	3.180	89.8	2.8	0.6
541	8/8/2016 04:16:40	16.17	47.75	31.14	6.66	7.92	2.9	3.184	81.8	2.7	0.6
542	8/8/2016 04:31:40	15.99	47.62	31.05	7.16	7.95	2.8	3.174	87.6	2.5	0.6
543	8/8/2016 04:46:40	16.21	47.92	31.27	7.03	7.94	4.7	3.142	86.5	2.5	0.6
544	8/8/2016 05:01:40	16.75	47.95	31.30	6.72	7.91	3.8	3.114	83.6	2.8	0.7
545	8/8/2016 05:16:40	16.86	47.88	31.25	6.60	7.91	6.1	3.046	82.3	2.6	0.6
546	8/8/2016 05:31:40	16.79	47.90	31.26	6.88	7.92	4.0	2.984	85.6	3.2	0.7
547	8/8/2016 05:46:40	16.76	47.98	31.32	6.87	7.92	11.7	2.918	85.5	3.0	0.7
548	8/8/2016 06:01:40	16.77	47.92	31.28	6.82	7.92	5.6	2.835	84.8	2.6	0.6
549	8/8/2016 06:16:40	16.88	47.98	31.32	6.87	7.92	5.6	2.758	85.7	2.4	0.6
550	8/8/2016 06:31:40	17.07	48.13	31.43	6.70	7.91	6.3	2.674	83.9	2.7	0.6
551	8/8/2016 06:46:40	17.19	47.93	31.29	6.51	7.89	6.4	2.594	81.7	2.4	0.6
552	8/8/2016 07:01:40	17.66	48.19	31.48	6.39	7.89	10.4	2.515	81.0	3.2	0.8
553	8/8/2016 07:16:40	17.19	48.22	31.50	6.16	7.85	7.6	2.429	77.3	3.5	0.8
554	8/8/2016 07:31:40	17.63	48.20	31.49	6.18	7.86	7.7	2.351	78.3	2.8	0.7
555	8/8/2016 07:46:40	18.09	48.32	31.57	6.28	7.88	7.1	2.265	80.3	3.0	0.7
556	8/8/2016 08:01:40	17.79	48.15	31.46	6.06	7.86	6.7	2.188	76.9	2.9	0.7
557	8/8/2016 08:16:40	17.84	48.17	31.47	6.02	7.86	6.5	2.104	76.6	2.7	0.6
558	8/8/2016 08:31:40	17.90	48.27	31.54	6.16	7.86	6.0	2.030	78.5	2.7	0.6
559	8/8/2016 08:46:40	17.94	48.27	31.54	6.20	7.87	6.1	1.968	79.0	3.1	0.7
560	8/8/2016 09:01:40	18.35	48.29	31.56	6.23	7.88	5.3	1.908	80.0	2.8	0.7
561	8/8/2016 09:16:40	18.20	48.21	31.50	6.27	7.87	5.4	1.865	80.3	2.5	0.6
562	8/8/2016 09:31:40	18.38	48.26	31.54	6.23	7.87	5.0	1.837	80.0	2.7	0.6
563	8/8/2016 09:46:40	18.40	48.20	31.49		7.81	4.3	1.824		1.9	0.5
564	8/8/2016 10:01:40	18.48	48.32	31.58		7.77	5.1	1.804		2.5	0.6
565	8/8/2016 10:16:40	18.67	48.26	31.54	6.34	7.89	3.9	1.825	82.0	3.1	0.7
566	8/8/2016 10:31:40	18.78	48.36	31.61	6.40	7.89	4.4	1.861	82.9	3.6	0.8
567	8/8/2016 10:46:40	18.74	48.39	31.63	6.44	7.90	4.3	1.892	83.4	4.2	1.0
568	8/8/2016 11:01:40	18.72	48.27	31.54	6.46	7.90	4.4	1.944	83.6	4.6	1.1
569	8/8/2016 11:16:40	18.71	48.40	31.64	6.44	7.89	4.2	2.005	83.3	4.1	1.0
570	8/8/2016 11:31:40	18.68	48.25	31.53	6.47	7.90	4.2	2.075	83.6	4.1	1.0
571	8/8/2016 11:46:40	18.60	48.29	31.56	6.47	7.90	4.0	2.138	83.5	3.2	0.8
572	8/8/2016 12:01:40	18.60	48.20	31.49	6.46	7.90	3.9	2.200	83.3	3.7	0.9
573	8/8/2016 12:16:40	18.62	48.27	31.54	6.44	7.90	4.3	2.284	83.2	3.4	0.8
574	8/8/2016 12:31:39	18.56	48.23	31.51	6.49	7.90	4.3	2.347	83.7	3.5	0.8
575	8/8/2016 12:46:40	18.47	48.10	31.42	6.42	7.89	4.1	2.420	82.6	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
576	8/8/2016 13:01:40	18.11	48.17	31.47	6.35	7.88	4.2	2.493	81.1	3.1	0.7
577	8/8/2016 13:16:39	17.83	47.95	31.31	6.44	7.89	3.7	2.563	81.8	2.6	0.6
578	8/8/2016 13:31:39	17.69	47.98	31.33	6.48	7.89	3.7	2.639	82.1	3.0	0.7
579	8/8/2016 13:46:40	17.57	48.10	31.42	6.57	7.89	4.5	2.706	83.1	2.4	0.6
580	8/8/2016 14:01:40	17.49	47.95	31.31	6.66	7.90	4.2	2.775	84.0	2.6	0.6
581	8/8/2016 14:16:40	17.32	47.99	31.33	6.83	7.91	4.3	2.856	85.9	2.7	0.6
582	8/8/2016 14:31:40	17.15	47.75	31.15	6.97	7.92	5.1	2.933	87.3	3.1	0.7
583	8/8/2016 14:46:40	16.98	47.93	31.28	7.02	7.92	5.3	2.999	87.6	3.0	0.7
584	8/8/2016 15:01:40	16.65	47.86	31.23	7.06	7.93	4.6	3.072	87.6	2.6	0.6
585	8/8/2016 15:16:40	16.37	47.64	31.07	7.19	7.93	4.9	3.149	88.6	2.3	0.5
586	8/8/2016 15:31:40	16.00	47.72	31.12	7.29	7.94	4.5	3.214	89.2	3.0	0.7
587	8/8/2016 15:46:40	15.68	47.71	31.11	7.34	7.95	3.9	3.281	89.3	3.0	0.7
588	8/8/2016 16:01:40	15.38	47.63	31.04	7.35	7.95	3.4	3.332	88.9	2.8	0.7
589	8/8/2016 16:16:40	15.07	47.64	31.05	7.35	7.95	3.0	3.375	88.3	2.2	0.5
590	8/8/2016 16:31:40	14.85	47.60	31.01	7.23	7.95	2.3	3.416	86.5	2.6	0.6
591	8/8/2016 16:46:40	14.76	47.69	31.08	6.50	7.91	1.8	3.434	77.6	3.6	0.8
592	8/8/2016 17:01:40	14.73	47.35	30.83	7.20	7.95	2.6	3.437	85.8	2.1	0.5
593	8/8/2016 17:16:40	14.82	47.57	30.99	7.30	7.96	2.0	3.412	87.2	1.6	0.4
594	8/8/2016 17:31:40	15.01	47.63	31.03	7.07	7.95	2.3	3.382	84.8	1.7	0.4
595	8/8/2016 17:46:40	15.37	47.74	31.13	6.85	7.93	2.1	3.344	82.8	2.3	0.6
596	8/8/2016 18:01:40	16.08	47.84	31.21	7.10	7.95	5.1	3.268	87.1	2.5	0.6
597	8/8/2016 18:16:40	16.72	47.85	31.22	7.35	7.97	5.3	3.198	91.3	2.5	0.6
598	8/8/2016 18:31:40	17.10	47.85	31.23	7.16	7.95	7.9	3.135	89.6	2.2	0.5
599	8/8/2016 18:46:40	17.38	47.96	31.31	7.40	7.98	38.9	3.058	93.2	2.7	0.6
600	8/8/2016 19:01:39	17.35	47.80	31.19	7.53	8.00	6.9	2.974	94.7	2.7	0.6
601	8/8/2016 19:16:40	17.48	47.84	31.23	7.60	7.99	5.4	2.880	95.8	3.0	0.7
602	8/8/2016 19:31:40	17.74	47.98	31.33	7.63	7.99	5.7	2.822	96.8	2.9	0.7
603	8/8/2016 19:46:40	18.06	48.01	31.35	7.63	8.00	5.8	2.740	97.4	3.1	0.7
604	8/8/2016 20:01:40	18.19	47.99	31.34	7.67	8.00	5.7	2.655	98.1	3.3	0.8
605	8/8/2016 20:16:40	18.49	48.05	31.39	7.68	8.01	5.7	2.585	98.9	3.8	0.9
606	8/8/2016 20:31:39	18.62	48.04	31.37	7.77	8.02	60.6	2.510	100.3	3.6	0.9
607	8/8/2016 20:46:40	18.68	48.10	31.42	7.83	8.03	6.5	2.430	101.2	3.5	0.8
608	8/8/2016 21:01:40	18.80	48.18	31.48	7.70	8.02	6.4	2.352	99.7	3.7	0.9
609	8/8/2016 21:16:40	18.77	48.18	31.48	7.60	8.02	6.1	2.284	98.3	3.9	0.9
610	8/8/2016 21:31:40	18.74	48.01	31.35	7.64	8.01	6.4	2.220	98.7	4.0	0.9
611	8/8/2016 21:46:40	18.89	48.09	31.41	7.47	8.00	6.4	2.158	96.8	4.1	1.0

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
612	8/8/2016 22:01:40	18.92	48.24	31.52	7.20	7.99	5.6	2.085	93.5	4.4	1.0
613	8/8/2016 22:16:39	19.02	48.13	31.44	7.14	7.98	6.4	2.045	92.9	4.5	1.1
614	8/8/2016 22:31:40	19.14	48.29	31.56	6.94	7.96	6.1	2.026	90.5	5.2	1.2
615	8/8/2016 22:46:40	19.34	48.25	31.53	6.43	7.93	4.9	2.006	84.1	4.5	1.1
616	8/8/2016 23:01:40	19.49	48.14	31.44		7.90	6.2	1.988		7.6	1.8
617	8/8/2016 23:16:39	19.46	48.27	31.54		7.72	14.7	1.996		4.8	1.1
618	8/8/2016 23:31:40	19.88	48.51	31.71		7.91	12.0	2.048		6.6	1.6
619	8/8/2016 23:46:40	19.80	48.39	31.63		7.93	10.3	2.067		5.8	1.4
620	8/9/2016 00:01:40	19.86	48.39	31.63		7.92	5.3	2.100		5.5	1.3
621	8/9/2016 00:16:39	19.77	48.33	31.59		7.93	5.1	2.157		5.3	1.2
622	8/9/2016 00:31:39	19.78	48.21	31.50		7.93	6.0	2.214		5.3	1.2
623	8/9/2016 00:46:39	19.95	48.46	31.68		7.93	5.9	2.276		5.2	1.2
624	8/9/2016 01:01:40	19.64	48.31	31.57		7.93	5.4	2.313		4.8	1.1
625	8/9/2016 01:16:39	19.48	48.09	31.41		7.93	5.2	2.381		5.0	1.2
626	8/9/2016 01:31:39	19.37	48.23	31.51		7.94	5.1	2.441		5.0	1.2
627	8/9/2016 01:46:39	19.28	48.09	31.41		7.93	7.3	2.484		4.8	1.1
628	8/9/2016 02:01:40	19.06	48.12	31.44		7.92	4.8	2.531		4.9	1.2
629	8/9/2016 02:16:39	18.80	48.10	31.42		7.92	4.4	2.583		4.1	1.0
630	8/9/2016 02:31:40	18.19	47.91	31.28		7.92	4.2	2.639		3.7	0.9
631	8/9/2016 02:46:40	17.97	48.03	31.36		7.92	3.6	2.680		4.2	1.0
632	8/9/2016 03:01:40	17.76	48.04	31.37		7.93	3.6	2.731		3.3	0.8
633	8/9/2016 03:16:40	17.63	47.99	31.33		7.92	3.4	2.776		3.1	0.7
634	8/9/2016 03:31:40	17.54	47.98	31.33		7.93	37.1	2.820		3.0	0.7
635	8/9/2016 03:46:40	17.45	47.89	31.26		7.93	3.0	2.863		3.3	0.8
636	8/9/2016 04:01:40	17.42	47.87	31.25		7.92	2.9	2.894		2.8	0.7
637	8/9/2016 04:16:40	17.39	47.84	31.23		7.92	3.1	2.934		3.3	0.8
638	8/9/2016 04:31:40	17.27	47.74	31.15		7.92	3.2	2.966		3.4	0.8
639	8/9/2016 04:46:40	17.11	47.82	31.21		7.90	2.6	2.982		3.1	0.7
640	8/9/2016 05:01:40	17.15	47.92	31.28		7.87	3.4	2.991		2.8	0.7
641	8/9/2016 05:16:40	17.32	48.05	31.37		7.90	3.9	3.000		2.8	0.7
642	8/9/2016 05:31:40	17.03	47.80	31.19		7.90	2.5	2.996		2.2	0.5
643	8/9/2016 05:46:40	17.45	48.07	31.39		7.87	3.9	2.959		3.3	0.8
644	8/9/2016 06:01:40	17.75	48.15	31.45		7.81	5.9	2.926		3.9	0.9
645	8/9/2016 06:16:40	17.83	48.22	31.50		7.82	4.7	2.875		3.4	0.8
646	8/9/2016 06:31:40	17.75	48.15	31.45		7.84	4.8	2.831		2.7	0.6
647	8/9/2016 06:46:40	17.73	48.12	31.43		7.85	4.9	2.760		3.0	0.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
648	8/9/2016 07:01:40	17.61	48.07	31.39		7.85	5.6	2.680		3.4	0.8
649	8/9/2016 07:16:40	17.68	48.07	31.40		7.85	5.4	2.630		2.4	0.6
650	8/9/2016 07:31:40	17.65	48.00	31.34		7.82	6.7	2.556		2.6	0.6
651	8/9/2016 07:46:40	17.65	48.14	31.45		7.83	5.0	2.483		2.3	0.5
652	8/9/2016 08:01:40	18.02	48.13	31.44		7.82	5.7	2.413		3.1	0.7
653	8/9/2016 08:16:40	18.38	48.22	31.51		7.84	4.7	2.357		2.7	0.6
654	8/9/2016 08:31:40	18.57	48.18	31.48		7.84	4.3	2.290		2.7	0.6
655	8/9/2016 08:46:39	18.39	48.24	31.52		7.83	4.5	2.216		2.3	0.5
656	8/9/2016 09:01:40	18.36	48.15	31.45		7.83	4.4	2.177		2.5	0.6
657	8/9/2016 09:16:40	18.62	48.25	31.53		7.84	3.7	2.115		2.7	0.6
658	8/9/2016 09:31:40	18.53	48.21	31.50		7.82	3.5	2.079		3.2	0.7
659	8/9/2016 09:46:40	18.70	48.06	31.39		7.84	4.2	2.037		2.9	0.7
660	8/9/2016 10:01:40	18.88	48.36	31.61		7.85	5.3	2.002		3.0	0.7
661	8/9/2016 10:16:40	18.98	48.26	31.53		7.81	4.2	1.996		2.5	0.6
662	8/9/2016 10:31:40	19.04	48.38	31.63		7.77	3.9	1.971		1.9	0.4
663	8/9/2016 10:46:40	19.01	48.32	31.58		7.67	3.6	1.989		3.6	0.8
664	8/9/2016 11:01:40	19.20	48.23	31.52		7.81	5.0	2.003		4.3	1.0
665	8/9/2016 11:16:40	19.11	48.35	31.60		7.84	4.5	2.018		3.5	0.8
666	8/9/2016 11:31:39	19.13	48.22	31.50		7.86	4.5	2.071		3.4	0.8
667	8/9/2016 11:46:40	19.11	48.22	31.51		7.87	4.7	2.104		3.6	0.8
668	8/9/2016 12:01:40	19.09	48.29	31.56		7.86	4.2	2.153		3.8	0.9
669	8/9/2016 12:16:39	19.08	48.05	31.38		7.87	4.5	2.200		3.2	0.8
670	8/9/2016 12:31:40	19.02	48.21	31.50		7.87	3.9	2.279		3.2	0.7
671	8/9/2016 12:46:40	18.95	48.20	31.49		7.87	4.3	2.325		3.8	0.9
672	8/9/2016 13:01:40	18.89	48.30	31.56		7.87	4.2	2.378		2.7	0.6
673	8/9/2016 13:16:40	18.86	48.03	31.37		7.86	4.3	2.443		2.8	0.7
674	8/9/2016 13:31:40	18.70	48.16	31.46		7.86	4.1	2.515		3.8	0.9
675	8/9/2016 13:46:40	18.52	48.02	31.36		7.86	4.0	2.579		2.5	0.6
676	8/9/2016 14:01:40	18.23	47.98	31.33		7.87	3.9	2.632		3.2	0.8
677	8/9/2016 14:16:40	17.94	47.98	31.33		7.88	3.5	2.705		2.8	0.7
678	8/9/2016 14:31:40	17.77	48.03	31.37		7.89	3.4	2.776		2.9	0.7
679	8/9/2016 14:46:40	17.62	47.93	31.29		7.89	3.9	2.844		2.9	0.7
680	8/9/2016 15:01:40	17.52	47.86	31.24		7.90	3.4	2.902		3.0	0.7
681	8/9/2016 15:16:40	17.39	47.85	31.23		7.91	3.4	2.971		2.8	0.7
682	8/9/2016 15:31:40	17.23	47.84	31.22		7.91	2.9	3.044		2.5	0.6
683	8/9/2016 15:46:40	17.03	47.70	31.12		7.92	3.2	3.107		2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
684	8/9/2016 16:01:40	16.78	47.80	31.19		7.91	3.1	3.170		2.3	0.5
685	8/9/2016 16:16:40	16.49	47.73	31.13		7.92	2.5	3.218		2.4	0.6
686	8/9/2016 16:31:40	16.32	47.73	31.14		7.91	2.5	3.282		2.2	0.5
687	8/9/2016 16:46:40	16.19	47.61	31.04		7.90	2.3	3.321		1.7	0.4
688	8/9/2016 17:01:40	16.10	47.71	31.11		7.90	2.8	3.352		2.8	0.7
689	8/9/2016 17:16:40	15.87	47.67	31.08		7.86	1.8	3.376		1.4	0.3
690	8/9/2016 17:31:40	15.84	47.59	31.02		7.91	2.1	3.386		1.8	0.4
691	8/9/2016 17:46:40	15.92	47.55	31.00		7.91	2.5	3.385		1.7	0.4
692	8/9/2016 18:01:40	16.02	47.72	31.12		7.85	2.1	3.364		0.9	0.2
693	8/9/2016 18:16:40	16.16	47.58	31.02		7.84	2.6	3.331		1.5	0.4
694	8/9/2016 18:31:40	16.60	47.70	31.11		7.83	2.9	3.277		2.8	0.7
695	8/9/2016 18:46:40	17.05	47.63	31.07		7.87	3.1	3.233		2.5	0.6
696	8/9/2016 19:01:40	17.48	47.94	31.30		7.88	3.7	3.173		2.0	0.5
697	8/9/2016 19:16:40	17.78	47.91	31.28		7.88	4.0	3.093		2.7	0.6
698	8/9/2016 19:31:40	17.79	47.92	31.29		7.91	3.9	3.032		2.0	0.5
699	8/9/2016 19:46:40	17.73	47.88	31.26		7.90	4.1	2.953		2.9	0.7
700	8/9/2016 20:01:40	17.71	47.90	31.27		7.89	3.8	2.878		2.8	0.7
701	8/9/2016 20:16:40	17.90	47.87	31.25		7.88	4.4	2.816		2.4	0.6
702	8/9/2016 20:31:40	18.14	48.10	31.42		7.88	5.8	2.731		2.8	0.7
703	8/9/2016 20:46:40	18.15	48.01	31.35		7.86	4.4	2.668		2.9	0.7
704	8/9/2016 21:01:40	18.26	47.99	31.34		7.87	4.2	2.592		2.7	0.6
705	8/9/2016 21:16:40	18.45	47.92	31.29		7.86	5.5	2.511		3.3	0.8
706	8/9/2016 21:31:40	18.50	47.97	31.32		7.87	4.8	2.446		3.3	0.8
707	8/9/2016 21:46:40	18.58	48.11	31.43		7.87	4.3	2.376		3.5	0.8
708	8/9/2016 22:01:40	18.46	48.17	31.47		7.93	7.0	2.298		4.5	1.1
709	8/9/2016 22:16:40	18.44	47.92	31.29		7.91	8.4	2.233		4.5	1.1
710	8/9/2016 22:31:40	18.62	48.07	31.40		7.90	10.8	2.169		5.2	1.2
711	8/9/2016 22:46:40	18.53	48.08	31.40		7.90	8.6	2.105		4.7	1.1
712	8/9/2016 23:01:40	18.77	48.12	31.43		7.89	8.7	2.061		5.4	1.3
713	8/9/2016 23:16:40	19.02	48.26	31.53		7.79	7.3	2.020		4.4	1.0
714	8/9/2016 23:31:40	19.29	48.07	31.40		7.75	5.4	1.991		3.8	0.9
715	8/9/2016 23:46:39	19.36	48.22	31.51		7.78	8.7	1.980		5.7	1.3
716	8/10/2016 00:01:40	19.41	48.35	31.60		7.71	7.8	1.968		3.6	0.9
717	8/10/2016 00:16:39	19.60	48.38	31.63		7.76	8.2	1.975		6.8	1.6
718	8/10/2016 00:31:39	19.68	48.45	31.67		7.83	7.6	2.000		5.9	1.4
719	8/10/2016 00:46:40	19.58	48.26	31.54		7.85	8.0	2.035		5.5	1.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
720	8/10/2016 01:01:40	19.70	48.40	31.64		7.85	8.3	2.069		5.9	1.4
721	8/10/2016 01:16:39	19.65	48.37	31.62		7.85	8.1	2.118		5.9	1.4
722	8/10/2016 01:31:40	19.50	48.31	31.57		7.86	8.4	2.163		5.7	1.3
723	8/10/2016 01:46:40	19.47	48.32	31.58		7.86	7.3	2.210		5.3	1.3
724	8/10/2016 02:01:39	19.53	48.41	31.65		7.87	7.2	2.261		5.3	1.3
725	8/10/2016 02:16:40	19.50	48.28	31.55		7.88	6.8	2.314		4.7	1.1
726	8/10/2016 02:31:39	19.44	48.30	31.56		7.88	6.5	2.359		5.0	1.2
727	8/10/2016 02:46:39	19.39	48.34	31.60		7.87	6.2	2.406		4.5	1.1
728	8/10/2016 03:01:40	19.33	48.39	31.63		7.87	6.0	2.448		4.7	1.1
729	8/10/2016 03:16:40	19.32	48.28	31.55		7.87	5.9	2.490		4.9	1.1
730	8/10/2016 03:31:40	18.99	48.15	31.46		7.88	5.1	2.546		4.5	1.1
731	8/10/2016 03:46:40	18.57	48.07	31.40		7.88	4.9	2.577		3.8	0.9
732	8/10/2016 04:01:40	18.37	47.95	31.31		7.88	5.4	2.625		3.6	0.8
733	8/10/2016 04:16:40	18.16	47.99	31.34		7.90	3.9	2.678		3.7	0.9
734	8/10/2016 04:31:40	18.03	47.95	31.30		7.90	3.9	2.702		3.1	0.7
735	8/10/2016 04:46:40	17.92	48.09	31.41		7.90	3.9	2.752		3.6	0.8
736	8/10/2016 05:01:40	17.84	48.01	31.35		7.90	3.9	2.790		3.5	0.8
737	8/10/2016 05:16:40	17.79	47.96	31.31		7.89	3.4	2.816		3.1	0.7
738	8/10/2016 05:31:40	17.75	47.78	31.18		7.89	3.2	2.849		3.1	0.7
739	8/10/2016 05:46:40	17.62	47.82	31.21		7.88	3.9	2.866		3.6	0.8
740	8/10/2016 06:01:40	17.74	47.98	31.33		7.81	3.7	2.876		2.8	0.7
741	8/10/2016 06:16:40	17.79	48.02	31.36		7.88	5.0	2.884		2.7	0.6
742	8/10/2016 06:31:40	17.79	47.96	31.31		7.86	4.9	2.883		2.2	0.5
743	8/10/2016 06:46:40	17.63	47.90	31.27		7.79	3.9	2.860		1.7	0.4
744	8/10/2016 07:01:40	17.83	47.96	31.32		7.83	4.5	2.831		1.5	0.4
745	8/10/2016 07:16:40	18.08	47.94	31.30		7.78	4.2	2.802		2.6	0.6
746	8/10/2016 07:31:40	18.36	48.30	31.57		7.75	5.6	2.755		3.0	0.7
747	8/10/2016 07:46:40	18.50	48.10	31.42		7.76	6.4	2.713		2.7	0.6
748	8/10/2016 08:01:40	18.40	48.25	31.53		7.76	8.0	2.653		3.2	0.8
749	8/10/2016 08:16:40	18.23	48.26	31.54		7.75	11.2	2.604		3.2	0.8
750	8/10/2016 08:31:40	18.24	48.19	31.48		7.73	70.3	2.546		1.9	0.5
751	8/10/2016 08:46:40	18.19	48.32	31.58		7.78	14.7	2.491		2.9	0.7
752	8/10/2016 09:01:40	18.34	48.15	31.45		7.71	17.0	2.443		2.6	0.6
753	8/10/2016 09:16:40	18.54	48.08	31.41		7.80	58.2	2.395		3.2	0.8
754	8/10/2016 09:31:40	18.55	48.17	31.47		7.78	5.8	2.349		2.5	0.6
755	8/10/2016 09:46:40	18.62	48.20	31.49		7.76	5.7	2.301		2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
756	8/10/2016 10:01:40	18.67	48.15	31.45		7.79	6.0	2.270		3.0	0.7
757	8/10/2016 10:16:40	18.72	48.28	31.55		7.77	5.2	2.224		2.2	0.5
758	8/10/2016 10:31:40	18.79	48.34	31.59		7.79	5.6	2.206		3.2	0.8
759	8/10/2016 10:46:40	18.86	48.28	31.55		7.79	5.6	2.191		2.8	0.7
760	8/10/2016 11:01:40	18.92	48.30	31.56		7.78	5.4	2.171		2.9	0.7
761	8/10/2016 11:16:40	18.94	48.24	31.52		7.74	4.5	2.173		2.2	0.5
762	8/10/2016 11:31:40	19.06	48.39	31.63		7.78	5.4	2.180		3.7	0.9
763	8/10/2016 11:46:40	19.02	48.24	31.52		7.80	5.6	2.189		3.7	0.9
764	8/10/2016 12:01:40	19.02	48.32	31.58		7.79	5.4	2.209		4.1	1.0
765	8/10/2016 12:16:40	19.06	48.21	31.50		7.80	5.7	2.238		4.5	1.1
766	8/10/2016 12:31:40	19.06	48.25	31.53		7.82	5.3	2.273		4.0	0.9
767	8/10/2016 12:46:40	19.01	48.34	31.59		7.82	7.0	2.305		4.1	1.0
768	8/10/2016 13:01:40	18.94	48.31	31.57		7.82	5.3	2.353		4.1	1.0
769	8/10/2016 13:16:40	18.84	48.26	31.54		7.82	5.3	2.396		3.5	0.8
770	8/10/2016 13:31:40	18.77	48.21	31.50		7.82	5.3	2.440		3.5	0.8
771	8/10/2016 13:46:40	18.69	48.18	31.48		7.82	5.0	2.502		4.1	1.0
772	8/10/2016 14:01:40	18.61	48.14	31.45		7.84	4.9	2.551		3.8	0.9
773	8/10/2016 14:16:40	18.51	48.10	31.42		7.84	4.8	2.607		3.5	0.8
774	8/10/2016 14:31:40	18.34	48.05	31.38		7.83	6.6	2.656		3.5	0.8
775	8/10/2016 14:46:40	18.22	47.89	31.27		7.85	4.2	2.727		3.5	0.8
776	8/10/2016 15:01:40	17.91	47.93	31.29		7.88	3.8	2.780		3.5	0.8
777	8/10/2016 15:16:40	17.70	47.95	31.31		7.90	3.7	2.832		3.1	0.7
778	8/10/2016 15:31:40	17.46	47.78	31.18		7.91	3.5	2.902		2.8	0.7
779	8/10/2016 15:46:40	17.31	47.90	31.27		7.92	3.3	2.958		2.6	0.6
780	8/10/2016 16:01:40	17.16	47.68	31.11		7.92	3.3	3.023		2.8	0.7
781	8/10/2016 16:16:40	17.03	47.74	31.14		7.92	2.9	3.077		3.1	0.7
782	8/10/2016 16:31:40	17.03	47.77	31.17		7.93	2.9	3.151		2.5	0.6
783	8/10/2016 16:46:40	16.81	47.78	31.18		7.92	2.8	3.198		2.3	0.5
784	8/10/2016 17:01:40	16.66	47.69	31.11		7.92	2.6	3.243		2.3	0.5
785	8/10/2016 17:16:40	16.45	47.64	31.07		7.92	2.6	3.304		2.6	0.6
786	8/10/2016 17:31:40	16.25	47.48	30.95		7.92	2.4	3.339		2.7	0.6
787	8/10/2016 17:46:40	16.09	47.47	30.94		7.92	2.2	3.362		2.1	0.5
788	8/10/2016 18:01:40	16.07	47.50	30.96		7.87	1.8	3.385		1.8	0.4
789	8/10/2016 18:16:40	16.02	47.72	31.12		7.90	5.6	3.402		1.5	0.4
790	8/10/2016 18:31:40	16.03	47.59	31.02		7.92	3.8	3.386		2.0	0.5
791	8/10/2016 18:46:39	16.04	47.51	30.97		7.92	4.2	3.366		1.4	0.3

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
792	8/10/2016 19:01:40	16.13	47.70	31.11		7.85	10.6	3.339		2.5	0.6
793	8/10/2016 19:16:40	16.45	47.77	31.16		7.87	3.1	3.296		1.9	0.4
794	8/10/2016 19:31:40	17.72	47.82	31.21		7.91	4.1	3.244		2.1	0.5
795	8/10/2016 19:46:40	17.78	47.88	31.25		7.89	4.2	3.180		2.5	0.6
796	8/10/2016 20:01:40	18.13	47.80	31.20		8.00	4.6	3.116		2.7	0.6
797	8/10/2016 20:16:40	17.93	47.85	31.23		7.94	3.8	3.055		2.4	0.6
798	8/10/2016 20:31:40	18.01	47.92	31.28		7.93	4.2	2.985		3.7	0.9
799	8/10/2016 20:46:40	18.18	47.82	31.22		7.92	4.3	2.918		3.5	0.8
800	8/10/2016 21:01:40	18.42	48.00	31.34		7.97	4.5	2.851		3.8	0.9
801	8/10/2016 21:16:40	18.62	48.01	31.35		7.97	5.1	2.779		4.1	1.0
802	8/10/2016 21:31:40	18.78	48.05	31.39		7.89	6.4	2.716		3.4	0.8
803	8/10/2016 21:46:40	18.99	48.19	31.49		7.94	5.1	2.637		4.8	1.1
804	8/10/2016 22:01:40	19.05	48.03	31.37		7.93	4.7	2.572		3.4	0.8
805	8/10/2016 22:16:40	19.10	48.21	31.50		7.92	4.0	2.496		3.4	0.8
806	8/10/2016 22:31:40	19.18	47.97	31.32		7.91	4.3	2.423		3.1	0.7
807	8/10/2016 22:46:40	19.10	48.05	31.38		7.92	4.3	2.349		3.1	0.7
808	8/10/2016 23:01:39	19.17	47.94	31.31		7.90	4.4	2.291		3.3	0.8
809	8/10/2016 23:16:39	19.10	48.13	31.44		7.93	4.2	2.217		3.1	0.7
810	8/10/2016 23:31:40	19.07	48.09	31.41		7.93	4.8	2.144		2.9	0.7
811	8/10/2016 23:46:40	19.29	48.17	31.47		7.90	4.4	2.090		3.7	0.9
812	8/11/2016 00:01:40	19.42	48.25	31.53		7.91	4.9	2.045		3.7	0.9
813	8/11/2016 00:16:40	19.60	48.12	31.44		7.90	4.3	1.999		3.7	0.9
814	8/11/2016 00:31:40	19.76	48.24	31.52		7.87	3.9	1.968		5.2	1.2
815	8/11/2016 00:46:40	19.87	48.24	31.52		7.84	4.1	1.958		5.0	1.2
816	8/11/2016 01:01:40	19.87	48.35	31.60		7.76	3.7	1.935		3.8	0.9
817	8/11/2016 01:16:40	20.04	48.29	31.55		7.77	5.0	1.941		5.9	1.4
818	8/11/2016 01:31:40	20.03	48.34	31.59		7.82	4.5	1.957		6.3	1.5
819	8/11/2016 01:46:39	19.90	48.30	31.56		7.87	4.6	1.991		6.1	1.4
820	8/11/2016 02:01:40	19.87	48.29	31.55		7.89	4.7	2.015		5.6	1.3
821	8/11/2016 02:16:39	19.85	48.28	31.55		7.88	4.3	2.043		5.2	1.2
822	8/11/2016 02:31:40	19.78	48.31	31.57		7.89	4.5	2.105		5.5	1.3
823	8/11/2016 02:46:40	19.72	48.23	31.51		7.89	4.3	2.144		5.2	1.2
824	8/11/2016 03:01:40	19.82	48.32	31.58		7.89	5.0	2.182		5.5	1.3
825	8/11/2016 03:16:40	19.95	48.39	31.63		7.90	5.7	2.245		5.1	1.2
826	8/11/2016 03:31:40	19.74	48.29	31.55		7.91	5.0	2.286		5.0	1.2
827	8/11/2016 03:46:40	19.64	48.29	31.55		7.90	4.9	2.336		4.7	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
828	8/11/2016 04:01:40	19.53	48.17	31.47		7.91	4.7	2.385		4.7	1.1
829	8/11/2016 04:16:40	19.52	48.29	31.56		7.90	4.6	2.427		4.7	1.1
830	8/11/2016 04:31:40	19.36	48.17	31.47		7.90	4.2	2.474		4.1	1.0
831	8/11/2016 04:46:40	19.11	48.14	31.45		7.90	4.2	2.517		4.5	1.1
832	8/11/2016 05:01:40	18.88	48.11	31.43		7.91	4.3	2.566		3.6	0.9
833	8/11/2016 05:16:40	18.68	47.95	31.31		7.91	3.9	2.605		4.1	1.0
834	8/11/2016 05:31:40	18.54	47.96	31.31		7.91	3.6	2.651		3.3	0.8
835	8/11/2016 05:46:40	18.42	48.09	31.41		7.91	3.3	2.683		3.1	0.7
836	8/11/2016 06:01:40	18.32	48.01	31.35		7.91	3.7	2.722		3.5	0.8
837	8/11/2016 06:16:40	18.25	47.93	31.29		7.91	3.6	2.758		3.3	0.8
838	8/11/2016 06:31:41	18.15	48.09	31.41		7.92	3.6	2.773		3.5	0.8
839	8/11/2016 06:46:40	18.08	47.85	31.24		7.93	3.7	2.806		2.4	0.6
840	8/11/2016 07:01:40	18.04	48.05	31.38		7.90	3.1	2.819		2.7	0.6
841	8/11/2016 07:16:40	18.03	47.81	31.20		7.89	3.2	2.829		2.4	0.6
842	8/11/2016 07:31:40	18.00	48.01	31.35		7.82	3.9	2.841		2.7	0.6
843	8/11/2016 07:46:40	18.11	47.80	31.20		7.90	3.9	2.827		2.7	0.6
844	8/11/2016 08:01:40	18.04	47.84	31.23		7.91	3.3	2.818		2.1	0.5
845	8/11/2016 08:16:40	18.08	47.96	31.31		7.88	3.4	2.802		2.4	0.6
846	8/11/2016 08:31:40	18.47	47.99	31.34		7.83	4.4	2.771		3.7	0.9
847	8/11/2016 08:46:40	18.60	48.14	31.44		7.78	5.1	2.742		3.5	0.8
848	8/11/2016 09:01:40	18.53	48.14	31.45		7.80	5.1	2.697		3.3	0.8
849	8/11/2016 09:16:40	18.51	48.14	31.45		7.82	5.7	2.655		2.7	0.6
850	8/11/2016 09:31:40	18.48	48.17	31.47		7.81	8.7	2.617		3.2	0.8
851	8/11/2016 09:46:40	18.59	48.01	31.35		7.83	5.6	2.576		3.1	0.7
852	8/11/2016 10:01:40	18.52	48.14	31.45		7.83	5.2	2.521		3.0	0.7
853	8/11/2016 10:16:40	18.71	48.15	31.46		7.83	5.1	2.475		2.9	0.7
854	8/11/2016 10:31:40	18.87	48.22	31.51		7.86	5.1	2.449		3.4	0.8
855	8/11/2016 10:46:40	18.99	48.26	31.54		7.85	4.6	2.408		3.3	0.8
856	8/11/2016 11:01:40	19.08	48.24	31.52		7.86	4.3	2.357		3.1	0.7
857	8/11/2016 11:16:40	19.18	48.23	31.51		7.86	4.0	2.343		3.2	0.8
858	8/11/2016 11:31:40	19.19	48.21	31.50		7.84	4.6	2.343		3.3	0.8
859	8/11/2016 11:46:40	19.25	48.07	31.40		7.87	4.2	2.311		2.6	0.6
860	8/11/2016 12:01:39	19.33	47.97	31.32		7.84	4.2	2.294		2.2	0.5
861	8/11/2016 12:16:39	19.39	48.12	31.43		7.84	4.0	2.310		2.7	0.6
862	8/11/2016 12:31:39	19.35	48.25	31.53		7.83	9.1	2.330		4.4	1.0
863	8/11/2016 12:46:39	19.37	48.22	31.51		7.85	4.2	2.322		4.2	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
864	8/11/2016 13:01:40	19.33	48.30	31.56		7.85	3.4	2.338		3.2	0.8
865	8/11/2016 13:16:40	19.28	48.23	31.51		7.87	3.8	2.392		3.3	0.8
866	8/11/2016 13:31:40	19.29	48.16	31.46		7.88	5.0	2.417		4.7	1.1
867	8/11/2016 13:46:40	19.24	48.24	31.52		7.88	3.8	2.442		5.1	1.2
868	8/11/2016 14:01:40	19.14	48.22	31.51		7.87	4.1	2.485		4.6	1.1
869	8/11/2016 14:16:40	19.03	48.04	31.38		7.88	4.0	2.537		4.4	1.0
870	8/11/2016 14:31:40	18.92	48.14	31.45		7.89	3.7	2.586		3.8	0.9
871	8/11/2016 14:46:40	18.84	48.15	31.46		7.90	3.6	2.622		4.5	1.1
872	8/11/2016 15:01:40	18.74	48.08	31.40		7.91	3.7	2.678		3.6	0.8
873	8/11/2016 15:16:40	18.66	48.06	31.39		7.90	3.3	2.734		3.4	0.8
874	8/11/2016 15:31:40	18.47	47.90	31.27		7.90	3.2	2.785		3.7	0.9
875	8/11/2016 15:46:40	18.12	47.71	31.13		7.90	2.9	2.833		3.4	0.8
876	8/11/2016 16:01:40	17.94	47.86	31.24		7.92	3.1	2.887		2.9	0.7
877	8/11/2016 16:16:40	17.73	47.80	31.20		7.93	2.9	2.950		3.1	0.7
878	8/11/2016 16:31:40	17.58	47.86	31.24		7.93	3.1	2.997		3.1	0.7
879	8/11/2016 16:46:40	17.52	47.67	31.10		7.93	3.3	3.055		3.5	0.8
880	8/11/2016 17:01:40	17.44	47.63	31.07		7.93	3.5	3.120		2.9	0.7
881	8/11/2016 17:16:40	17.41	47.68	31.11		7.93	2.8	3.173		2.7	0.6
882	8/11/2016 17:31:40	17.10	47.77	31.17		7.92	2.5	3.227		2.6	0.6
883	8/11/2016 17:46:40	16.77	47.61	31.05		7.91	2.4	3.272		2.6	0.6
884	8/11/2016 18:01:40	16.60	47.67	31.09		7.91	2.5	3.325		2.1	0.5
885	8/11/2016 18:16:40	16.43	47.51	30.97		7.91	2.5	3.361		2.6	0.6
886	8/11/2016 18:31:40	16.23	47.60	31.04		7.90	2.4	3.388		1.9	0.5
887	8/11/2016 18:46:40	16.12	47.61	31.05		7.91	3.8	3.419		3.5	0.8
888	8/11/2016 19:01:40	16.08	47.60	31.03		7.88	1.9	3.435		1.5	0.4
889	8/11/2016 19:16:40	16.07	47.61	31.04		7.81	2.4	3.436		1.8	0.4
890	8/11/2016 19:31:40	16.10	47.52	30.98		7.80	2.0	3.429		1.6	0.4
891	8/11/2016 19:46:40	15.97	47.24	30.77		7.78	1.8	3.411		1.5	0.3
892	8/11/2016 20:01:40	15.99	47.52	30.97		7.86	2.0	3.382		1.5	0.4
893	8/11/2016 20:16:40	16.44	47.69	31.11		7.90	2.6	3.334		1.8	0.4
894	8/11/2016 20:31:40	17.23	47.55	31.01		7.91	4.7	3.289		3.4	0.8
895	8/11/2016 20:46:40	17.78	47.77	31.18		7.89	4.5	3.227		3.4	0.8
896	8/11/2016 21:01:40	17.73	47.83	31.22		7.95	4.7	3.159		2.9	0.7
897	8/11/2016 21:16:40	17.55	47.74	31.16		7.90	5.1	3.089		3.1	0.7
898	8/11/2016 21:31:40	17.56	47.77	31.18		7.91	4.3	3.016		2.9	0.7
899	8/11/2016 21:46:40	17.77	47.86	31.24		7.90	4.1	2.942		2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
900	8/11/2016 22:01:40	18.14	47.76	31.17		7.91	4.0	2.865		3.5	0.8
901	8/11/2016 22:16:39	18.41	47.75	31.16		7.91	4.7	2.793		3.4	0.8
902	8/11/2016 22:31:39	18.66	47.91	31.28		7.92	5.1	2.721		4.2	1.0
903	8/11/2016 22:46:40	18.83	48.04	31.38		7.91	4.7	2.638		4.2	1.0
904	8/11/2016 23:01:40	18.89	47.93	31.30		7.91	4.9	2.553		4.0	0.9
905	8/11/2016 23:16:40	18.99	48.10	31.42		7.91	5.8	2.486		4.3	1.0
906	8/11/2016 23:31:40	19.02	48.01	31.35		7.89	4.4	2.404		4.1	1.0
907	8/11/2016 23:46:40	19.04	48.20	31.49		7.92	4.7	2.314		3.8	0.9
908	8/12/2016 00:01:40	19.11	48.12	31.43		7.94	4.9	2.236		3.8	0.9
909	8/12/2016 00:16:40	19.26	48.09	31.41		7.91	4.7	2.165		4.2	1.0
910	8/12/2016 00:31:40	19.40	48.16	31.46		7.91	10.0	2.086		4.8	1.1
911	8/12/2016 00:46:40	19.39	48.07	31.40		7.90	4.7	2.021		5.1	1.2
912	8/12/2016 01:01:40	19.55	48.11	31.43		7.88	4.5	1.970		3.7	0.9
913	8/12/2016 01:16:40	19.61	48.20	31.49		7.85	3.9	1.915		4.7	1.1
914	8/12/2016 01:31:40	19.79	48.22	31.50		7.86	3.6	1.888		4.5	1.0
915	8/12/2016 01:46:40	19.93	48.29	31.56		7.82	3.8	1.858		4.4	1.0
916	8/12/2016 02:01:40	19.99	48.33	31.59		7.84	5.1	1.847		5.4	1.3
917	8/12/2016 02:16:40	20.08	48.29	31.56		7.86	4.1	1.861		6.1	1.4
918	8/12/2016 02:31:40	19.99	48.32	31.58		7.86	4.1	1.878		5.5	1.3
919	8/12/2016 02:46:40	19.90	48.36	31.61		7.89	4.0	1.894		5.8	1.4
920	8/12/2016 03:01:40	19.90	48.41	31.64		7.90	4.0	1.940		5.2	1.2
921	8/12/2016 03:16:40	19.83	48.35	31.60		7.90	4.1	1.981		5.6	1.3
922	8/12/2016 03:31:40	19.78	48.21	31.49		7.90	3.9	2.026		5.2	1.2
923	8/12/2016 03:46:40	19.74	48.21	31.50		7.90	4.0	2.078		5.2	1.2
924	8/12/2016 04:01:40	19.61	48.15	31.46		7.90	3.7	2.121		5.1	1.2
925	8/12/2016 04:16:40	19.54	48.26	31.53		7.90	4.1	2.174		4.8	1.1
926	8/12/2016 04:31:40	19.39	48.14	31.44		7.90	4.2	2.226		4.8	1.1
927	8/12/2016 04:46:40	19.33	48.11	31.43		7.90	4.3	2.269		5.2	1.2
928	8/12/2016 05:01:40	19.26	48.16	31.46		7.90	4.2	2.319		4.3	1.0
929	8/12/2016 05:16:40	19.23	48.17	31.47		7.90	4.1	2.369		4.9	1.2
930	8/12/2016 05:31:40	19.19	48.25	31.53		7.89	4.1	2.412		4.4	1.0
931	8/12/2016 05:46:40	19.14	48.12	31.43		7.90	4.0	2.470		4.3	1.0
932	8/12/2016 06:01:40	19.15	48.14	31.45		7.90	4.7	2.510		4.3	1.0
933	8/12/2016 06:16:40	18.82	48.00	31.35		7.91	4.2	2.553		4.1	1.0
934	8/12/2016 06:31:40	18.60	48.09	31.41		7.90	3.9	2.612		3.7	0.9
935	8/12/2016 06:46:40	18.42	47.92	31.29		7.91	3.7	2.648		3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
936	8/12/2016 07:01:40	18.31	47.97	31.32		7.91	3.6	2.689		3.0	0.7
937	8/12/2016 07:16:40	18.12	47.84	31.22		7.92	3.4	2.747		3.1	0.7
938	8/12/2016 07:31:40	18.04	47.93	31.30		7.91	3.2	2.771		2.8	0.7
939	8/12/2016 07:46:40	17.90	47.79	31.19		7.91	3.6	2.810		2.9	0.7
940	8/12/2016 08:01:40	17.82	47.89	31.26		7.91	3.1	2.850		2.7	0.6
941	8/12/2016 08:16:40	17.78	47.80	31.20		7.89	2.9	2.858		2.4	0.6
942	8/12/2016 08:31:40	18.15	47.91	31.28		7.89	3.8	2.882		2.5	0.6
943	8/12/2016 08:46:40	18.18	47.88	31.26		7.78	3.2	2.896		2.2	0.5
944	8/12/2016 09:01:40	18.00	47.98	31.33		7.85	3.7	2.895		2.8	0.7
945	8/12/2016 09:16:40	17.88	47.82	31.21		7.85	2.9	2.884		2.1	0.5
946	8/12/2016 09:31:40	17.91	47.82	31.21		7.86	2.9	2.871		2.0	0.5
947	8/12/2016 09:46:40	17.88	47.86	31.24		7.85	3.1	2.850		2.2	0.5
948	8/12/2016 10:01:40	18.31	48.01	31.35		7.86	5.1	2.811		3.1	0.7
949	8/12/2016 10:16:40	18.57	48.18	31.48		7.86	5.4	2.767		2.7	0.6
950	8/12/2016 10:31:40	18.58	48.03	31.37		7.87	5.1	2.736		2.5	0.6
951	8/12/2016 10:46:40	18.59	47.91	31.28		7.89	4.9	2.698		2.7	0.6
952	8/12/2016 11:01:40	18.71	48.15	31.46		7.89	6.8	2.644		2.7	0.6
953	8/12/2016 11:16:40	18.78	48.14	31.45		7.87	5.3	2.594		2.4	0.6
954	8/12/2016 11:31:40	18.82	48.03	31.37		7.85	4.2	2.579		2.0	0.5
955	8/12/2016 11:46:40	18.94	48.12	31.43		7.86	4.2	2.537		2.3	0.5
956	8/12/2016 12:01:40	19.00	48.16	31.46		7.87	3.7	2.500		2.4	0.6
957	8/12/2016 12:16:40	19.10	48.14	31.45		7.87	3.7	2.481		3.0	0.7
958	8/12/2016 12:31:40	19.18	48.14	31.45		7.86	3.9	2.463		2.5	0.6
959	8/12/2016 12:46:40	19.30	48.20	31.50		7.84	4.1	2.445		2.2	0.5
960	8/12/2016 13:01:40	19.21	48.22	31.51		7.92	5.0	2.440		3.2	0.8
961	8/12/2016 13:16:40	19.23	48.09	31.41		7.91	4.8	2.438		3.1	0.7
962	8/12/2016 13:31:40	19.26	48.21	31.50		7.91	4.0	2.444		3.9	0.9
963	8/12/2016 13:46:40	19.26	48.21	31.50		7.90	9.0	2.467		4.9	1.2
964	8/12/2016 14:01:40	19.23	48.11	31.43		7.90	4.7	2.472		3.7	0.9
965	8/12/2016 14:16:40	19.29	48.14	31.45		7.90	4.2	2.490		4.0	0.9
966	8/12/2016 14:31:40	19.31	48.03	31.37		7.91	4.7	2.531		3.6	0.8
967	8/12/2016 14:46:40	19.18	47.97	31.32		7.91	3.6	2.554		4.5	1.1
968	8/12/2016 15:01:40	19.09	48.01	31.35		7.92	3.7	2.589		4.9	1.2
969	8/12/2016 15:16:40	18.93	47.94	31.30		7.92	3.5	2.619		4.9	1.1
970	8/12/2016 15:31:40	18.77	47.96	31.32		7.92	3.9	2.676		4.0	0.9
971	8/12/2016 15:46:40	18.68	48.02	31.36		7.92	4.2	2.718		3.7	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
972	8/12/2016 16:01:40	18.62	47.86	31.24		7.91	3.0	2.755		3.2	0.8
973	8/12/2016 16:16:40	18.48	47.93	31.29		7.91	3.4	2.818		4.1	1.0
974	8/12/2016 16:31:40	18.20	47.86	31.25		7.91	3.8	2.871		3.2	0.7
975	8/12/2016 16:46:40	17.84	47.80	31.20		7.90	3.4	2.929		3.0	0.7
976	8/12/2016 17:01:40	17.51	47.75	31.16		7.90	3.6	2.981		3.2	0.8
977	8/12/2016 17:16:40	17.32	47.71	31.13		7.89	3.1	3.038		3.0	0.7
978	8/12/2016 17:31:40	17.18	47.76	31.16		7.89	3.4	3.106		2.8	0.7
979	8/12/2016 17:46:40	17.00	47.57	31.03		7.89	3.0	3.163		2.6	0.6
980	8/12/2016 18:01:40	16.90	47.61	31.05		7.88	2.9	3.217		2.7	0.6
981	8/12/2016 18:16:40	16.51	47.64	31.07		7.87	2.9	3.275		2.6	0.6
982	8/12/2016 18:31:40	16.24	47.50	30.97		7.87	2.7	3.328		2.2	0.5
983	8/12/2016 18:46:40	16.06	47.47	30.94		7.87	2.9	3.375		2.3	0.5
984	8/12/2016 19:01:40	15.89	47.53	30.98		7.87	2.7	3.417		2.0	0.5
985	8/12/2016 19:16:40	15.75	47.53	30.98		7.87	2.4	3.452		2.1	0.5
986	8/12/2016 19:31:40	15.59	47.63	31.05		7.86	2.3	3.474		1.9	0.4
987	8/12/2016 19:46:40	15.53	47.43	30.90		7.79	2.9	3.500		2.3	0.6
988	8/12/2016 20:01:40	15.52	47.57	31.00		7.81	3.7	3.503		1.5	0.3
989	8/12/2016 20:16:40	15.52	47.39	30.88		7.82	2.0	3.494		2.3	0.5
990	8/12/2016 20:31:40	15.51	47.34	30.84		7.84	2.1	3.486		1.9	0.4
991	8/12/2016 20:46:40	15.59	47.42	30.89		7.84	2.3	3.449		1.7	0.4
992	8/12/2016 21:01:40	15.79	47.59	31.02		7.83	3.3	3.406		2.7	0.6
993	8/12/2016 21:16:40	16.90	47.73	31.14		7.91	3.6	3.362		2.7	0.6
994	8/12/2016 21:31:40	17.70	47.78	31.18		7.94	3.9	3.302		3.1	0.7
995	8/12/2016 21:46:40	17.38	47.71	31.13		7.92	5.6	3.235		2.8	0.7
996	8/12/2016 22:01:40	17.31	47.80	31.19		7.91	5.0	3.166		3.3	0.8
997	8/12/2016 22:16:40	17.67	47.83	31.22		7.91	4.2	3.086		2.8	0.7
998	8/12/2016 22:31:40	17.91	47.82	31.21		7.94	5.0	3.014		3.2	0.8
999	8/12/2016 22:46:40	18.01	47.78	31.18		7.94	5.0	2.945		3.9	0.9
1000	8/12/2016 23:01:40	18.17	47.85	31.23		7.94	4.6	2.862		3.2	0.7
1001	8/12/2016 23:16:40	18.43	47.76	31.17		7.95	5.1	2.784		3.9	0.9
1002	8/12/2016 23:31:40	18.61	47.97	31.32		7.95	6.0	2.705		3.8	0.9
1003	8/12/2016 23:46:40	18.72	47.99	31.34		7.95	5.9	2.611		3.6	0.9
1004	8/13/2016 00:01:40	18.79	47.94	31.30		7.94	6.1	2.524		4.2	1.0
1005	8/13/2016 00:16:40	18.62	47.87	31.25		7.93	6.0	2.435		3.4	0.8
1006	8/13/2016 00:31:40	18.49	47.91	31.28		7.93	6.4	2.337		3.3	0.8
1007	8/13/2016 00:46:40	19.05	48.10	31.42		7.93	6.2	2.246		4.2	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1008	8/13/2016 01:01:40	19.33	48.11	31.43		7.93	7.0	2.154		4.2	1.0
1009	8/13/2016 01:16:39	19.24	48.20	31.49		7.93	6.2	2.063		3.9	0.9
1010	8/13/2016 01:31:40	19.26	48.31	31.57		7.91	5.6	1.994		3.2	0.8
1011	8/13/2016 01:46:40	19.35	48.31	31.57		7.90	5.8	1.905		3.7	0.9
1012	8/13/2016 02:01:40	19.37	48.22	31.51		7.89	4.8	1.841		3.3	0.8
1013	8/13/2016 02:16:39	19.62	48.18	31.47		7.89	4.5	1.805		3.7	0.9
1014	8/13/2016 02:31:40	19.86	48.23	31.51		7.89	4.5	1.765		4.2	1.0
1015	8/13/2016 02:46:40	19.97	48.35	31.60		7.84	4.6	1.742		3.9	0.9
1016	8/13/2016 03:01:40	20.02	48.42	31.65		7.79	4.0	1.735		3.2	0.7
1017	8/13/2016 03:16:40	20.17	48.38	31.62		7.92	4.3	1.754		4.5	1.1
1018	8/13/2016 03:31:39	20.09	48.23	31.51		7.92	4.2	1.771		4.2	1.0
1019	8/13/2016 03:46:40	20.04	48.45	31.67		7.92	13.5	1.811		3.9	0.9
1020	8/13/2016 04:01:40	20.06	48.34	31.59		7.92	4.8	1.863		3.8	0.9
1021	8/13/2016 04:16:40	20.02	48.41	31.64		7.92	4.6	1.909		4.0	0.9
1022	8/13/2016 04:31:40	19.94	48.32	31.58		7.91	5.1	1.959		3.6	0.8
1023	8/13/2016 04:46:40	19.92	48.26	31.53		7.91	4.8	2.015		4.2	1.0
1024	8/13/2016 05:01:40	19.88	48.29	31.56		7.92	5.1	2.080		4.3	1.0
1025	8/13/2016 05:16:39	19.78	48.28	31.55		7.92	4.8	2.122		4.0	0.9
1026	8/13/2016 05:31:40	19.64	48.27	31.54		7.92	5.4	2.182		4.0	0.9
1027	8/13/2016 05:46:39	19.55	48.27	31.54		7.91	5.1	2.249		3.8	0.9
1028	8/13/2016 06:01:39	19.50	48.24	31.52		7.91	5.1	2.296		3.5	0.8
1029	8/13/2016 06:16:39	19.46	48.23	31.51		7.91	4.8	2.353		3.9	0.9
1030	8/13/2016 06:31:40	19.39	48.11	31.43		7.91	5.1	2.409		3.5	0.8
1031	8/13/2016 06:46:40	19.10	48.12	31.43		7.91	4.8	2.475		3.2	0.7
1032	8/13/2016 07:01:40	18.95	48.11	31.43		7.91	4.7	2.533		3.5	0.8
1033	8/13/2016 07:16:40	18.79	47.78	31.19		7.90	4.4	2.580		3.3	0.8
1034	8/13/2016 07:31:40	18.56	47.98	31.33		7.90	5.1	2.641		3.2	0.8
1035	8/13/2016 07:46:40	18.36	47.83	31.22		7.90	4.4	2.696		2.6	0.6
1036	8/13/2016 08:01:40	18.17	47.77	31.18		7.90	4.5	2.746		2.7	0.6
1037	8/13/2016 08:16:40	18.05	47.95	31.31		7.90	4.3	2.791		3.1	0.7
1038	8/13/2016 08:31:40	17.94	47.76	31.17		7.89	4.2	2.844		2.9	0.7
1039	8/13/2016 08:46:41	17.82	47.83	31.22		7.89	3.9	2.880		2.6	0.6
1040	8/13/2016 09:01:40	17.69	47.82	31.21		7.89	3.7	2.924		2.9	0.7
1041	8/13/2016 09:16:40	17.58	47.74	31.15		7.88	3.3	2.961		2.9	0.7
1042	8/13/2016 09:31:40	17.51	47.68	31.10		7.88	3.0	2.979		2.0	0.5
1043	8/13/2016 09:46:40	17.55	47.68	31.11		7.88	2.9	3.006		2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1044	8/13/2016 10:01:40	17.58	47.88	31.25		7.86	3.6	3.011		2.2	0.5
1045	8/13/2016 10:16:40	17.49	47.97	31.32		7.85	3.7	3.014		1.9	0.4
1046	8/13/2016 10:31:40	17.51	47.67	31.10		7.85	3.4	2.977		1.9	0.5
1047	8/13/2016 10:46:40	17.94	47.65	31.09		7.83	3.4	2.958		1.8	0.4
1048	8/13/2016 11:01:40	18.17	47.87	31.25		7.86	3.7	2.929		2.1	0.5
1049	8/13/2016 11:16:40	18.07	47.80	31.20		7.86	3.8	2.881		2.1	0.5
1050	8/13/2016 11:31:40	18.17	47.81	31.21		7.90	4.8	2.831		2.4	0.6
1051	8/13/2016 11:46:40	18.33	47.80	31.20		7.90	4.3	2.771		1.7	0.4
1052	8/13/2016 12:01:40	18.37	47.90	31.27		7.91	4.2	2.734		2.5	0.6
1053	8/13/2016 12:16:40	18.45	47.87	31.25		7.90	3.9	2.690		2.3	0.5
1054	8/13/2016 12:31:40	18.58	48.06	31.39		7.89	3.7	2.627		2.2	0.5
1055	8/13/2016 12:46:40	18.77	47.92	31.29		7.88	3.5	2.597		1.8	0.4
1056	8/13/2016 13:01:39	18.82	47.87	31.25		7.88	3.5	2.566		1.8	0.4
1057	8/13/2016 13:16:40	18.91	48.15	31.46		7.88	3.2	2.526		2.7	0.6
1058	8/13/2016 13:31:40	19.10	48.10	31.42		7.89	3.6	2.497		3.3	0.8
1059	8/13/2016 13:46:40	19.24	47.95	31.31		7.88	3.9	2.473		1.6	0.4
1060	8/13/2016 14:01:40	19.40	48.09	31.41		7.88	3.7	2.471		2.8	0.7
1061	8/13/2016 14:16:40	19.33	48.07	31.40		7.94	4.8	2.460		3.0	0.7
1062	8/13/2016 14:31:40	19.22	48.17	31.47		7.94	4.2	2.443		3.1	0.7
1063	8/13/2016 14:46:40	19.33	48.09	31.41		7.93	3.7	2.464		4.0	0.9
1064	8/13/2016 15:01:40	19.24	48.07	31.40		7.92	3.7	2.485		3.8	0.9
1065	8/13/2016 15:16:39	19.22	48.08	31.40		7.92	3.6	2.502		3.8	0.9
1066	8/13/2016 15:31:40	19.20	48.13	31.44		7.92	3.6	2.525		3.7	0.9
1067	8/13/2016 15:46:40	19.11	48.16	31.46		7.93	3.9	2.566		3.7	0.9
1068	8/13/2016 16:01:39	19.07	47.86	31.24		7.93	3.9	2.605		4.9	1.1
1069	8/13/2016 16:16:40	19.09	48.04	31.38		7.94	4.5	2.648		5.2	1.2
1070	8/13/2016 16:31:40	18.87	48.01	31.36		7.93	3.8	2.693		3.7	0.9
1071	8/13/2016 16:46:40	18.73	47.95	31.31		7.93	3.7	2.752		3.2	0.8
1072	8/13/2016 17:01:40	18.65	47.84	31.23		7.92	3.7	2.803		3.3	0.8
1073	8/13/2016 17:16:40	18.26	47.89	31.26		7.91	3.5	2.855		2.9	0.7
1074	8/13/2016 17:31:40	17.79	47.78	31.18		7.90	3.6	2.912		2.6	0.6
1075	8/13/2016 17:46:40	17.41	47.75	31.16		7.89	3.6	2.975		3.0	0.7
1076	8/13/2016 18:01:40	17.21	47.68	31.10		7.89	3.5	3.038		2.6	0.6
1077	8/13/2016 18:16:40	16.93	47.61	31.05		7.89	3.3	3.097		2.6	0.6
1078	8/13/2016 18:31:40	16.80	47.67	31.09		7.90	3.7	3.164		3.0	0.7
1079	8/13/2016 18:46:40	16.66	47.66	31.09		7.90	3.5	3.225		3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1080	8/13/2016 19:01:40	16.36	47.53	30.99		7.88	3.1	3.291		3.2	0.7
1081	8/13/2016 19:16:40	16.22	47.53	30.99		7.89	3.3	3.346		2.6	0.6
1082	8/13/2016 19:31:40	15.88	47.52	30.97		7.89	3.6	3.406		3.1	0.7
1083	8/13/2016 19:46:41	15.55	47.65	31.06		7.90	3.4	3.457		2.7	0.6
1084	8/13/2016 20:01:40	15.14	47.55	30.98		7.90	3.2	3.496		3.0	0.7
1085	8/13/2016 20:16:40	14.94	47.39	30.86		7.89	2.8	3.538		2.2	0.5
1086	8/13/2016 20:31:40	14.88	47.42	30.88		7.90	2.8	3.559		2.8	0.7
1087	8/13/2016 20:46:40	14.85	47.25	30.75		7.90	2.6	3.579		2.3	0.5
1088	8/13/2016 21:01:40	14.83	47.59	31.00		7.86	2.3	3.584		1.6	0.4
1089	8/13/2016 21:16:40	14.84	47.39	30.86		7.90	2.7	3.572		2.6	0.6
1090	8/13/2016 21:31:40	14.92	47.47	30.92		7.89	2.8	3.545		2.7	0.6
1091	8/13/2016 21:46:39	15.18	47.32	30.81		7.90	4.5	3.506		2.3	0.5
1092	8/13/2016 22:01:40	15.84	47.54	30.99		7.89	4.3	3.448		2.7	0.6
1093	8/13/2016 22:16:40	16.73	47.63	31.07		7.91	4.5	3.388		3.2	0.8
1094	8/13/2016 22:31:40	16.29	47.69	31.10		7.88	4.9	3.313		3.3	0.8
1095	8/13/2016 22:46:40	16.34	47.71	31.12		7.88	5.4	3.235		3.4	0.8
1096	8/13/2016 23:01:40	16.95	47.76	31.16		7.89	5.5	3.147		3.4	0.8
1097	8/13/2016 23:16:40	17.23	47.82	31.21		7.89	5.6	3.062		3.0	0.7
1098	8/13/2016 23:31:40	17.50	47.90	31.27		7.90	6.0	2.977		3.9	0.9
1099	8/13/2016 23:46:40	17.73	47.82	31.21		7.90	6.6	2.878		3.9	0.9
1100	8/14/2016 00:01:40	17.97	47.87	31.25		7.90	6.8	2.794		3.1	0.7
1101	8/14/2016 00:16:40	18.32	47.94	31.30		7.90	6.5	2.698		3.7	0.9
1102	8/14/2016 00:31:40	18.45	48.05	31.38		7.90	6.2	2.608		4.0	0.9
1103	8/14/2016 00:46:40	18.72	48.01	31.35		7.91	6.7	2.509		3.6	0.8
1104	8/14/2016 01:01:40	18.61	48.08	31.40		7.90	6.9	2.402		4.1	1.0
1105	8/14/2016 01:16:40	18.64	48.09	31.41		7.89	6.9	2.311		3.7	0.9
1106	8/14/2016 01:31:40	18.88	48.24	31.52		7.90	7.7	2.203		3.1	0.7
1107	8/14/2016 01:46:40	18.89	48.14	31.44		7.89	7.5	2.094		3.6	0.8
1108	8/14/2016 02:01:40	19.05	48.23	31.52		7.89	6.6	1.994		3.3	0.8
1109	8/14/2016 02:16:40	19.24	48.08	31.41		7.88	5.9	1.903		3.1	0.7
1110	8/14/2016 02:31:40	19.03	48.13	31.44		7.87	5.9	1.812		3.6	0.9
1111	8/14/2016 02:46:40	19.21	48.24	31.52		7.87	5.1	1.734		3.3	0.8
1112	8/14/2016 03:01:40	19.37	48.17	31.47		7.86	5.0	1.680		3.1	0.7
1113	8/14/2016 03:16:40	19.52	48.15	31.45		7.87	4.7	1.626		3.0	0.7
1114	8/14/2016 03:31:40	19.91	48.36	31.61		7.88	4.7	1.592		4.1	1.0
1115	8/14/2016 03:46:40	20.14	48.28	31.55		7.85	4.2	1.593		3.6	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1116	8/14/2016 04:01:39	20.21	48.23	31.51		7.90	4.8	1.589		2.6	0.6
1117	8/14/2016 04:16:39	20.15	48.47	31.69		7.92	4.5	1.615		3.6	0.9
1118	8/14/2016 04:31:39	20.06	48.38	31.62		7.92	4.6	1.659		3.1	0.7
1119	8/14/2016 04:46:40	20.13	48.37	31.62		7.92	4.9	1.713		3.4	0.8
1120	8/14/2016 05:01:40	20.08	48.36	31.61		7.92	5.4	1.771		3.7	0.9
1121	8/14/2016 05:16:40	20.00	48.38	31.62		7.91	5.2	1.834		2.9	0.7
1122	8/14/2016 05:31:40	20.12	48.51	31.72		7.92	6.3	1.904		3.9	0.9
1123	8/14/2016 05:46:40	20.11	48.25	31.53		7.93	6.4	1.970		4.0	1.0
1124	8/14/2016 06:01:40	19.96	48.18	31.47		7.92	5.9	2.033		4.1	1.0
1125	8/14/2016 06:16:40	19.81	48.30	31.56		7.92	5.4	2.100		3.8	0.9
1126	8/14/2016 06:31:40	19.74	48.28	31.55		7.91	5.4	2.170		3.1	0.7
1127	8/14/2016 06:46:40	19.72	48.34	31.59		7.91	5.3	2.232		2.9	0.7
1128	8/14/2016 07:01:40	19.58	48.25	31.52		7.91	5.1	2.305		3.1	0.7
1129	8/14/2016 07:16:40	19.38	48.22	31.51		7.90	5.1	2.371		2.5	0.6
1130	8/14/2016 07:31:40	18.96	48.20	31.50		7.90	4.7	2.439		2.9	0.7
1131	8/14/2016 07:46:40	18.73	47.99	31.34		7.90	4.8	2.508		3.3	0.8
1132	8/14/2016 08:01:40	18.42	47.86	31.24		7.89	4.8	2.572		3.5	0.8
1133	8/14/2016 08:16:40	18.23	47.91	31.28		7.89	4.6	2.635		2.8	0.7
1134	8/14/2016 08:31:40	17.98	47.80	31.19		7.89	4.5	2.704		3.1	0.7
1135	8/14/2016 08:46:40	17.79	47.87	31.25		7.88	4.9	2.766		2.9	0.7
1136	8/14/2016 09:01:40	17.71	47.83	31.22		7.88	4.6	2.816		2.4	0.6
1137	8/14/2016 09:16:40	17.65	47.79	31.19		7.88	4.1	2.881		3.2	0.8
1138	8/14/2016 09:31:40	17.43	47.70	31.12		7.87	4.3	2.939		2.5	0.6
1139	8/14/2016 09:46:40	17.16	47.75	31.15		7.86	4.3	2.982		2.7	0.6
1140	8/14/2016 10:01:40	16.99	47.68	31.11		7.86	4.0	3.019		2.4	0.6
1141	8/14/2016 10:16:40	16.89	47.75	31.15		7.85	3.7	3.062		2.7	0.6
1142	8/14/2016 10:31:40	16.81	47.63	31.07		7.83	3.4	3.092		2.4	0.6
1143	8/14/2016 10:46:40	16.76	47.74	31.14		7.81	2.9	3.106		1.8	0.4
1144	8/14/2016 11:01:40	16.86	47.78	31.17		7.81	3.4	3.092		1.7	0.4
1145	8/14/2016 11:16:41	16.75	47.79	31.18		7.81	3.4	3.092		2.1	0.5
1146	8/14/2016 11:31:41	16.95	47.77	31.17		7.82	3.6	3.066		2.0	0.5
1147	8/14/2016 11:46:40	17.44	48.05	31.38		7.86	4.0	3.019		2.5	0.6
1148	8/14/2016 12:01:40	17.88	47.93	31.30		7.89	5.0	2.964		2.6	0.6
1149	8/14/2016 12:16:40	17.91	47.93	31.29		7.90	5.0	2.923		2.3	0.5
1150	8/14/2016 12:31:40	17.88	47.76	31.17		7.90	4.8	2.868		2.8	0.7
1151	8/14/2016 12:46:40	18.00	47.83	31.22		7.91	4.8	2.796		2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1152	8/14/2016 13:01:40	18.09	47.88	31.26		7.90	4.4	2.742		2.6	0.6
1153	8/14/2016 13:16:40	18.23	48.00	31.34		7.91	4.1	2.693		2.9	0.7
1154	8/14/2016 13:31:40	18.40	47.76	31.17		7.90	3.9	2.641		2.4	0.6
1155	8/14/2016 13:46:40	18.58	48.00	31.35		7.90	3.9	2.586		2.8	0.7
1156	8/14/2016 14:01:40	18.73	48.06	31.39		7.90	4.0	2.553		2.1	0.5
1157	8/14/2016 14:16:40	18.91	48.05	31.38		7.91	3.7	2.513		2.6	0.6
1158	8/14/2016 14:31:40	19.08	48.13	31.44		7.92	3.7	2.471		2.2	0.5
1159	8/14/2016 14:46:40	19.27	48.11	31.43		7.92	3.8	2.452		1.8	0.4
1160	8/14/2016 15:01:40	19.30	48.14	31.45		7.91	3.4	2.425		2.2	0.5
1161	8/14/2016 15:16:40	19.41	48.15	31.45		7.88	3.2	2.417		1.9	0.4
1162	8/14/2016 15:31:40	19.14	47.98	31.33		7.96	4.7	2.419		3.3	0.8
1163	8/14/2016 15:46:40	19.30	48.12	31.44		7.94	4.5	2.420		4.4	1.0
1164	8/14/2016 16:01:40	19.12	48.09	31.41		7.94	4.5	2.440		3.6	0.9
1165	8/14/2016 16:16:40	19.19	48.05	31.39		7.92	4.2	2.461		4.1	1.0
1166	8/14/2016 16:31:39	19.28	48.04	31.37		7.92	4.5	2.497		4.6	1.1
1167	8/14/2016 16:46:40	19.08	48.04	31.38		7.92	4.5	2.537		4.0	1.0
1168	8/14/2016 17:01:40	18.88	48.01	31.35		7.91	4.4	2.584		4.3	1.0
1169	8/14/2016 17:16:40	18.77	47.88	31.26		7.93	4.8	2.643		4.1	1.0
1170	8/14/2016 17:31:40	18.57	47.95	31.31		7.94	4.6	2.700		4.8	1.1
1171	8/14/2016 17:46:40	18.38	48.02	31.36		7.93	4.5	2.763		3.8	0.9
1172	8/14/2016 18:01:40	18.33	47.91	31.28		7.92	4.1	2.817		3.8	0.9
1173	8/14/2016 18:16:40	18.11	47.86	31.24		7.90	4.5	2.886		3.9	0.9
1174	8/14/2016 18:31:40	17.50	47.67	31.10		7.89	4.3	2.956		3.1	0.7
1175	8/14/2016 18:46:40	16.93	47.75	31.16		7.88	3.9	3.014		3.2	0.8
1176	8/14/2016 19:01:40	16.62	47.64	31.07		7.88	4.0	3.085		3.0	0.7
1177	8/14/2016 19:16:40	16.57	47.64	31.07		7.88	3.7	3.161		3.4	0.8
1178	8/14/2016 19:31:40	16.08	47.44	30.92		7.87	4.3	3.232		2.7	0.6
1179	8/14/2016 19:46:40	15.60	47.58	31.01		7.88	4.2	3.302		3.1	0.7
1180	8/14/2016 20:01:40	15.26	47.52	30.97		7.89	4.0	3.367		2.5	0.6
1181	8/14/2016 20:16:40	15.06	47.47	30.92		7.90	4.0	3.435		2.8	0.7
1182	8/14/2016 20:31:40	14.74	47.46	30.91		7.91	4.0	3.498		3.2	0.8
1183	8/14/2016 20:46:40	14.45	47.26	30.76		7.93	3.6	3.544		3.3	0.8
1184	8/14/2016 21:01:39	14.25	47.38	30.83		7.93	3.2	3.592		2.4	0.6
1185	8/14/2016 21:16:40	14.15	47.51	30.93		7.93	2.8	3.629		2.4	0.6
1186	8/14/2016 21:31:40	14.05	47.46	30.89		7.93	2.5	3.655		3.0	0.7
1187	8/14/2016 21:46:40	14.00	47.34	30.80		7.92	2.3	3.664		2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1188	8/14/2016 22:01:40	14.01	47.41	30.85		7.92	2.9	3.646		1.9	0.4
1189	8/14/2016 22:16:40	14.08	47.38	30.83		7.92	2.6	3.633		2.1	0.5
1190	8/14/2016 22:31:40	14.68	47.30	30.79		7.92	3.4	3.596		2.0	0.5
1191	8/14/2016 22:46:40	15.66	47.53	30.97		7.91	4.3	3.530		3.0	0.7
1192	8/14/2016 23:01:40	16.02	47.66	31.07		7.89	4.4	3.465		3.4	0.8
1193	8/14/2016 23:16:40	15.53	47.49	30.95		7.89	5.0	3.386		3.4	0.8
1194	8/14/2016 23:31:40	15.54	47.42	30.89		7.89	7.2	3.299		2.9	0.7
1195	8/14/2016 23:46:40	16.17	47.62	31.05		7.89	5.9	3.202		3.1	0.7
1196	8/15/2016 00:01:40	16.44	47.76	31.16		7.88	9.7	3.108		2.8	0.7
1197	8/15/2016 00:16:40	16.77	47.69	31.11		7.88	6.2	3.006		3.2	0.8
1198	8/15/2016 00:31:40	17.13	47.71	31.13		7.88	9.2	2.917		3.1	0.7
1199	8/15/2016 00:46:40	17.38	47.77	31.17		7.88	6.2	2.818		3.7	0.9
1200	8/15/2016 01:01:40	17.68	47.84	31.23		7.88	7.5	2.702		3.1	0.7
1201	8/15/2016 01:16:40	17.92	47.86	31.24		7.88	7.6	2.600		3.5	0.8
1202	8/15/2016 01:31:40	18.27	47.94	31.30		7.88	7.4	2.498		3.7	0.9
1203	8/15/2016 01:46:40	18.50	48.05	31.38		7.89	9.0	2.381		3.4	0.8
1204	8/15/2016 02:01:40	18.52	48.09	31.41		7.88	8.1	2.262		3.6	0.8
1205	8/15/2016 02:16:40	18.68	48.01	31.35		7.88	8.3	2.153		3.5	0.8
1206	8/15/2016 02:31:40	18.55	48.00	31.34		7.87	9.4	2.040		3.5	0.8
1207	8/15/2016 02:46:40	18.73	47.97	31.32		7.87	8.4	1.920		3.5	0.8
1208	8/15/2016 03:01:40	18.62	48.06	31.39		7.86	7.2	1.806		2.9	0.7
1209	8/15/2016 03:16:39	18.69	47.89	31.27		7.85	6.3	1.706		3.3	0.8
1210	8/15/2016 03:31:40	18.73	48.06	31.39		7.85	6.2	1.627		2.9	0.7
1211	8/15/2016 03:46:40	18.82	48.06	31.39		7.84	6.1	1.535		3.2	0.8
1212	8/15/2016 04:01:40	19.03	48.24	31.52		7.86	6.1	1.474		3.3	0.8
1213	8/15/2016 04:16:40	19.38	48.11	31.42		7.87	6.7	1.447		3.2	0.8
1214	8/15/2016 04:31:40	19.50	48.38	31.62		7.87	4.2	1.423		3.0	0.7
1215	8/15/2016 04:46:39	19.57	48.26	31.53		7.89	5.1	1.437		3.5	0.8
1216	8/15/2016 05:01:40	19.78	48.43	31.66		7.92	5.5	1.458		3.4	0.8
1217	8/15/2016 05:16:40	19.59	48.33	31.59		7.90	5.5	1.501		3.6	0.8
1218	8/15/2016 05:31:39	19.84	48.34	31.59		7.92	5.5	1.568		3.3	0.8
1219	8/15/2016 05:46:40	19.79	48.33	31.59		7.92	6.1	1.624		3.4	0.8
1220	8/15/2016 06:01:40	19.69	48.29	31.56		7.91	6.2	1.697		3.3	0.8
1221	8/15/2016 06:16:39	19.65	48.29	31.55		7.91	6.4	1.786		2.8	0.7
1222	8/15/2016 06:31:39	19.57	48.17	31.47		7.90	6.2	1.853		3.6	0.8
1223	8/15/2016 06:46:40	19.46	48.23	31.51		7.90	6.7	1.922		3.3	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1224	8/15/2016 07:01:40	19.33	48.14	31.45		7.89	5.7	2.020		3.4	0.8
1225	8/15/2016 07:16:40	19.26	48.13	31.44		7.89	5.9	2.090		2.9	0.7
1226	8/15/2016 07:31:40	19.25	48.23	31.51		7.89	5.4	2.171		2.8	0.7
1227	8/15/2016 07:46:40	19.21	48.18	31.48		7.89	5.9	2.250		3.1	0.7
1228	8/15/2016 08:01:40	18.82	48.08	31.40		7.88	5.6	2.334		2.9	0.7
1229	8/15/2016 08:16:40	18.65	48.06	31.39		7.88	5.8	2.415		2.9	0.7
1230	8/15/2016 08:31:40	18.45	47.90	31.27		7.88	5.4	2.490		2.8	0.7
1231	8/15/2016 08:46:39	18.19	47.79	31.19		7.87	5.4	2.568		3.1	0.7
1232	8/15/2016 09:01:40	17.89	47.91	31.28		7.87	5.4	2.646		3.6	0.8
1233	8/15/2016 09:16:39	17.71	47.84	31.23		7.86	5.9	2.723		2.8	0.7
1234	8/15/2016 09:31:40	17.59	47.84	31.22		7.86	5.4	2.788		2.9	0.7
1235	8/15/2016 09:46:40	17.45	47.78	31.18		7.86	5.4	2.858		3.4	0.8
1236	8/15/2016 10:01:40	16.98	47.57	31.03		7.86	5.5	2.932		2.4	0.6
1237	8/15/2016 10:16:40	16.60	47.74	31.14		7.85	6.1	2.984		3.0	0.7
1238	8/15/2016 10:31:40	16.39	47.67	31.09		7.85	5.4	3.043		3.4	0.8
1239	8/15/2016 10:46:40	16.22	47.62	31.05		7.85	5.0	3.097		3.0	0.7
1240	8/15/2016 11:01:40	15.92	47.57	31.01		7.85	4.5	3.128		2.8	0.7
1241	8/15/2016 11:16:40	15.68	47.59	31.02		7.86	4.3	3.173		2.9	0.7
1242	8/15/2016 11:31:40	15.53	47.54	30.98		7.85	3.3	3.178		2.1	0.5
1243	8/15/2016 11:46:40	15.53	47.56	30.99		7.85	3.7	3.176		2.2	0.5
1244	8/15/2016 12:01:40	15.59	47.54	30.98		7.84	3.7	3.170		2.6	0.6
1245	8/15/2016 12:16:40	15.86	47.49	30.95		7.84	3.6	3.122		1.9	0.4
1246	8/15/2016 12:31:40	17.24	47.70	31.12		7.87	4.9	3.080		2.8	0.7
1247	8/15/2016 12:46:40	17.47	47.52	30.99		7.86	4.8	3.013		2.5	0.6
1248	8/15/2016 13:01:40	17.57	47.71	31.13		7.84	5.0	2.943		2.8	0.7
1249	8/15/2016 13:16:40	17.67	47.61	31.06		7.87	5.1	2.888		3.0	0.7
1250	8/15/2016 13:31:40	17.89	47.72	31.14		7.86	4.7	2.817		2.6	0.6
1251	8/15/2016 13:46:40	18.09	47.69	31.12		7.90	4.6	2.745		2.4	0.6
1252	8/15/2016 14:01:39	18.31	47.76	31.17		7.86	4.3	2.688		2.5	0.6
1253	8/15/2016 14:16:39	18.51	47.68	31.12		7.89	4.2	2.634		2.6	0.6
1254	8/15/2016 14:31:39	18.77	47.80	31.20		7.89	4.5	2.565		3.1	0.7
1255	8/15/2016 14:46:40	19.06	47.92	31.29		7.94	4.4	2.502		2.4	0.6
1256	8/15/2016 15:01:40	19.28	47.97	31.32		7.94	4.0	2.469		2.4	0.6
1257	8/15/2016 15:16:40	19.44	47.92	31.28		7.96	4.1	2.418		3.2	0.8
1258	8/15/2016 15:31:39	19.60	47.95	31.31		7.96	5.3	2.367		2.5	0.6
1259	8/15/2016 15:46:39	19.65	48.16	31.46		7.96	3.7	2.346		1.9	0.4

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1260	8/15/2016 16:01:39	19.61	47.95	31.31		7.90	3.6	2.323		1.7	0.4
1261	8/15/2016 16:16:40	19.71	48.17	31.47		7.99	5.2	2.317		3.5	0.8
1262	8/15/2016 16:31:40	19.47	48.11	31.43		7.96	4.5	2.298		3.5	0.8
1263	8/15/2016 16:46:40	19.56	48.14	31.45		7.95	4.5	2.314		3.2	0.7
1264	8/15/2016 17:01:40	19.40	48.06	31.39		7.95	4.7	2.348		3.0	0.7
1265	8/15/2016 17:16:39	19.55	47.86	31.24		7.94	5.1	2.382		4.2	1.0
1266	8/15/2016 17:31:40	19.48	48.01	31.35		7.93	5.3	2.430		4.2	1.0
1267	8/15/2016 17:46:40	19.24	47.92	31.28		7.92	5.3	2.485		3.9	0.9
1268	8/15/2016 18:01:40	19.06	47.80	31.20		7.94	5.7	2.556		4.5	1.1
1269	8/15/2016 18:16:40	18.82	47.68	31.11		7.95	5.6	2.621		4.1	1.0
1270	8/15/2016 18:31:40	18.67	47.87	31.25		7.93	5.7	2.686		3.6	0.8
1271	8/15/2016 18:46:40	18.45	47.91	31.28		7.92	5.0	2.766		3.1	0.7
1272	8/15/2016 19:01:40	18.21	47.76	31.17		7.90	5.0	2.834		3.5	0.8
1273	8/15/2016 19:16:40	17.70	47.74	31.15		7.89	4.8	2.908		3.2	0.8
1274	8/15/2016 19:31:40	17.20	47.65	31.08		7.87	4.8	2.980		3.1	0.7
1275	8/15/2016 19:46:40	17.01	47.57	31.03		7.89	4.9	3.060		3.5	0.8
1276	8/15/2016 20:01:40	16.56	47.61	31.05		7.88	5.5	3.140		3.3	0.8
1277	8/15/2016 20:16:40	15.96	47.34	30.84		7.89	5.7	3.214		3.4	0.8
1278	8/15/2016 20:31:40	15.46	47.50	30.95		7.88	6.1	3.299		3.2	0.8
1279	8/15/2016 20:46:40	15.08	47.47	30.92		7.89	5.7	3.374		3.7	0.9
1280	8/15/2016 21:01:40	14.85	47.28	30.78		7.89	5.4	3.455		3.2	0.8
1281	8/15/2016 21:16:40	14.33	47.37	30.83		7.90	6.1	3.519		2.8	0.7
1282	8/15/2016 21:31:40	14.06	47.32	30.79		7.89	5.1	3.593		3.5	0.8
1283	8/15/2016 21:46:40	13.86	47.28	30.75		7.89	4.2	3.643		2.8	0.7
1284	8/15/2016 22:01:40	13.62	47.38	30.82		7.89	4.2	3.683		2.4	0.6
1285	8/15/2016 22:16:40	13.64	47.21	30.70		7.87	3.9	3.726		2.6	0.6
1286	8/15/2016 22:31:40	13.58	47.44	30.86		7.88	2.9	3.735		3.5	0.8
1287	8/15/2016 22:46:40	13.65	47.31	30.77		7.89	3.1	3.723		2.6	0.6
1288	8/15/2016 23:01:39	13.67	47.20	30.69		7.82	2.3	3.714		2.3	0.5
1289	8/15/2016 23:16:40	13.67	47.32	30.78		7.85	2.8	3.668		1.8	0.4
1290	8/15/2016 23:31:40	15.40	47.58	31.01		7.89	4.7	3.613		3.2	0.7
1291	8/15/2016 23:46:40	15.79	47.30	30.81		7.87	4.2	3.533		3.0	0.7
1292	8/16/2016 00:01:40	15.54	47.47	30.93		7.84	5.5	3.453		2.9	0.7
1293	8/16/2016 00:16:40	15.06	47.26	30.77		7.87	7.4	3.359		3.4	0.8
1294	8/16/2016 00:31:40	15.20	47.10	30.66		7.88	6.3	3.262		2.9	0.7
1295	8/16/2016 00:46:40	15.84	47.30	30.81		7.89	7.0	3.152		2.9	0.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1296	8/16/2016 01:01:40	16.28	47.59	31.03		7.88	7.2	3.034		3.3	0.8
1297	8/16/2016 01:16:40	16.51	47.49	30.96		7.88	6.6	2.942		3.2	0.8
1298	8/16/2016 01:31:40	17.06	47.70	31.12		7.88	8.4	2.822		3.5	0.8
1299	8/16/2016 01:46:40	17.23	47.52	30.99		7.87	7.2	2.712		3.2	0.8
1300	8/16/2016 02:01:40	17.67	47.78	31.18		7.88	8.3	2.604		3.2	0.8
1301	8/16/2016 02:16:40	18.06	47.90	31.27		7.87	8.8	2.473		3.7	0.9
1302	8/16/2016 02:31:40	18.28	47.78	31.19		7.87	8.4	2.358		3.6	0.8
1303	8/16/2016 02:46:40	18.30	47.94	31.30		7.86	8.4	2.232		3.7	0.9
1304	8/16/2016 03:01:40	18.45	47.96	31.31		7.87	8.1	2.105		3.5	0.8
1305	8/16/2016 03:16:40	18.51	47.84	31.23		7.87	8.9	1.984		3.3	0.8
1306	8/16/2016 03:31:40	18.60	47.99	31.34		7.87	7.5	1.850		4.0	0.9
1307	8/16/2016 03:46:40	18.61	48.01	31.35		7.86	7.2	1.724		3.6	0.8
1308	8/16/2016 04:01:40	18.79	47.99	31.34		7.87	7.1	1.620		3.5	0.8
1309	8/16/2016 04:16:40	18.92	48.05	31.38		7.88	6.4	1.510		3.3	0.8
1310	8/16/2016 04:31:40	19.06	48.04	31.37		7.88	6.2	1.418		3.0	0.7
1311	8/16/2016 04:46:40	19.14	48.09	31.41		7.88	5.3	1.355		3.1	0.7
1312	8/16/2016 05:01:40	19.10	48.13	31.44		7.85	4.9	1.327		2.9	0.7
1313	8/16/2016 05:16:40	19.16	48.05	31.39		7.82	4.4	1.308		3.3	0.8
1314	8/16/2016 05:31:39	19.14	47.92	31.29		7.88	5.6	1.321		3.5	0.8
1315	8/16/2016 05:46:40	19.97	48.22	31.51		7.93	6.1	1.369		3.9	0.9
1316	8/16/2016 06:01:40	19.77	48.24	31.52		7.92	5.9	1.412		3.4	0.8
1317	8/16/2016 06:16:40	19.96	48.23	31.52		7.94	5.9	1.493		3.7	0.9
1318	8/16/2016 06:31:40	19.91	48.25	31.52		7.94	5.7	1.573		3.0	0.7
1319	8/16/2016 06:46:40	19.82	48.16	31.46		7.93	6.4	1.645		3.6	0.8
1320	8/16/2016 07:01:40	19.73	48.15	31.45		7.92	6.6	1.724		3.4	0.8
1321	8/16/2016 07:16:40	19.58	48.08	31.40		7.91	6.7	1.811		3.2	0.7
1322	8/16/2016 07:31:40	19.47	48.07	31.40		7.90	7.1	1.897		3.8	0.9
1323	8/16/2016 07:46:40	19.39	48.07	31.39		7.90	6.8	1.971		3.1	0.7
1324	8/16/2016 08:01:40	19.38	48.14	31.45		7.90	6.5	2.061		3.2	0.8
1325	8/16/2016 08:16:40	19.36	48.12	31.43		7.89	6.5	2.151		3.2	0.8
1326	8/16/2016 08:31:40	19.01	47.99	31.34		7.88	6.5	2.251		3.2	0.8
1327	8/16/2016 08:46:40	18.69	47.96	31.32		7.87	7.2	2.342		3.4	0.8
1328	8/16/2016 09:01:40	18.51	47.88	31.26		7.87	7.0	2.424		3.1	0.7
1329	8/16/2016 09:16:40	18.26	47.76	31.17		7.86	6.5	2.520		2.8	0.7
1330	8/16/2016 09:31:40	17.90	47.80	31.20		7.85	8.9	2.607		3.2	0.8
1331	8/16/2016 09:46:40	17.81	47.64	31.08		7.84	7.3	2.681		3.4	0.8

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Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	8/16/2016 10:01:40	17.63	47.69	31.12		7.84	7.8	2.765		3.7	0.9
1333	8/16/2016 10:16:40	17.21	47.59	31.04		7.83	8.3	2.846		2.8	0.7
1334	8/16/2016 10:31:40	16.80	47.50	30.97		7.83	8.6	2.920		3.2	0.8
1335	8/16/2016 10:46:40	16.39	47.69	31.11		7.83	7.6	2.982		3.2	0.8
1336	8/16/2016 11:01:40	15.98	47.34	30.84		7.83	7.4	3.054		2.7	0.6
1337	8/16/2016 11:16:40	15.45	47.34	30.84		7.84	6.7	3.120		3.1	0.7
1338	8/16/2016 11:31:40	15.14	47.46	30.91		7.85	7.0	3.173		2.8	0.7
1339	8/16/2016 11:46:40	14.97	47.20	30.72		7.85	5.4	3.211		2.9	0.7
1340	8/16/2016 12:01:40	14.91	47.30	30.80		7.85	4.7	3.239		2.1	0.5
1341	8/16/2016 12:16:40	14.92	47.48	30.93		7.85	3.5	3.269		2.6	0.6
1342	8/16/2016 12:31:40	15.23	47.30	30.80		7.78	3.6	3.255		2.4	0.6
1343	8/16/2016 12:46:40	15.01	47.58	31.00		7.80	4.3	3.227		2.2	0.5
1344	8/16/2016 13:01:40	15.05	47.38	30.86		7.78	3.1	3.191		2.2	0.5
1345	8/16/2016 13:16:40	15.83	47.28	30.80		7.86	4.2	3.140		3.0	0.7
1346	8/16/2016 13:31:40	16.95	47.42	30.91		7.92	6.7	3.076		3.3	0.8
1347	8/16/2016 13:46:40	17.20	47.67	31.10		7.94	5.6	2.998		3.0	0.7
1348	8/16/2016 14:01:40	17.41	47.52	30.99		7.95	7.3	2.915		2.9	0.7
1349	8/16/2016 14:16:40	17.39	47.62	31.06		7.93	5.3	2.835		2.8	0.7
1350	8/16/2016 14:31:15	17.42	47.56	31.02		7.94	5.1	2.767		1.7	0.4
1351	8/16/2016 14:46:40	17.87	47.62	31.07		7.93	4.9	2.682		2.6	0.6
1352	8/16/2016 15:01:40	18.18	47.63	31.07		7.95	5.1	2.599		2.9	0.7
1353	8/16/2016 15:16:40	18.60	47.72	31.15		7.95	5.3	2.538		2.6	0.6
1354	8/16/2016 15:31:40	18.91	47.74	31.16		7.96	5.1	2.480		2.9	0.7
1355	8/16/2016 15:46:39	19.00	47.79	31.19		7.96	4.8	2.405		2.5	0.6
1356	8/16/2016 16:01:40	19.26	47.99	31.34		7.97	4.5	2.350		2.3	0.5
1357	8/16/2016 16:16:40	19.49	47.93	31.29		7.95	4.2	2.308		2.5	0.6
1358	8/16/2016 16:31:39	19.51	47.81	31.21		7.98	4.2	2.269		2.2	0.5
1359	8/16/2016 16:46:39	19.53	47.93	31.30		7.94	6.4	2.239		2.4	0.6
1360	8/16/2016 17:01:39	19.59	47.90	31.27		7.94	4.2	2.218		2.2	0.5
1361	8/16/2016 17:16:39	19.41	47.69	31.12		8.02	5.2	2.216		3.1	0.7
1362	8/16/2016 17:31:39	19.59	47.85	31.24		8.00	4.8	2.236		3.7	0.9
1363	8/16/2016 17:46:40	19.52	48.05	31.38		7.99	5.1	2.256		4.1	1.0
1364	8/16/2016 18:01:40	19.70	48.15	31.45		7.96	5.4	2.299		4.5	1.1
1365	8/16/2016 18:16:40	19.61	47.97	31.32		7.95	5.5	2.349		4.9	1.2
1366	8/16/2016 18:31:39	19.43	47.90	31.28		7.93	5.9	2.406		4.0	1.0
1367	8/16/2016 18:46:40	19.40	47.87	31.25		7.93	6.9	2.482		4.9	1.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1368	8/16/2016 19:01:40	18.92	47.88	31.26		7.94	6.8	2.559		4.1	1.0
1369	8/16/2016 19:16:40	18.68	48.01	31.35		7.94	6.7	2.623		4.4	1.0
1370	8/16/2016 19:31:40	18.37	47.90	31.27		7.93	6.4	2.700		3.2	0.8
1371	8/16/2016 19:46:40	17.86	47.62	31.07		7.89	6.5	2.781		3.5	0.8
1372	8/16/2016 20:01:40	17.42	47.68	31.11		7.87	6.4	2.859		3.1	0.7
1373	8/16/2016 20:16:40	17.14	47.65	31.09		7.87	6.2	2.943		3.2	0.8
1374	8/16/2016 20:31:40	16.90	47.50	30.97		7.87	6.5	3.020		3.5	0.8
1375	8/16/2016 20:46:40	16.28	47.59	31.03		7.87	7.2	3.116		3.4	0.8
1376	8/16/2016 21:01:40	15.72	47.57	31.00		7.87	8.4	3.205		3.4	0.8
1377	8/16/2016 21:16:40	15.19	47.61	31.02		7.86	7.8	3.284		3.2	0.8
1378	8/16/2016 21:31:40	14.45	47.34	30.81		7.87	8.7	3.383		3.5	0.8
1379	8/16/2016 21:46:40	13.92	47.32	30.79		7.87	8.0	3.466		3.2	0.8
1380	8/16/2016 22:01:40	13.61	47.43	30.85		7.88	7.6	3.540		3.0	0.7
1381	8/16/2016 22:16:40	13.36	47.50	30.90		7.87	6.7	3.613		3.5	0.8
1382	8/16/2016 22:31:40	13.19	47.30	30.74		7.87	5.4	3.677		2.8	0.7
1383	8/16/2016 22:46:40	12.93	47.40	30.81		7.89	4.6	3.731		3.2	0.8
1384	8/16/2016 23:01:40	12.83	47.30	30.73		7.89	4.5	3.766		2.9	0.7
1385	8/16/2016 23:16:40	12.81	47.29	30.73		7.89	3.0	3.785		2.7	0.6
1386	8/16/2016 23:31:40	12.89	47.33	30.76		7.88	4.0	3.782		1.9	0.4
1387	8/16/2016 23:46:40	12.95	47.40	30.81		7.81	2.5	3.787		1.5	0.4
1388	8/17/2016 00:01:40	12.95	47.24	30.70		7.82	2.5	3.741		2.2	0.5
1389	8/17/2016 00:16:40	15.24	47.52	30.96		7.85	5.1	3.661		3.1	0.7
1390	8/17/2016 00:31:40	14.91	47.46	30.91		7.84	5.6	3.586		4.3	1.0
1391	8/17/2016 00:46:40	14.49	47.50	30.93		7.83	6.8	3.513		2.9	0.7
1392	8/17/2016 01:01:40	14.19	47.31	30.78		7.84	7.2	3.399		3.1	0.7
1393	8/17/2016 01:16:40	14.63	47.52	30.95		7.85	7.0	3.273		3.1	0.7
1394	8/17/2016 01:31:40	15.15	47.49	30.94		7.86	6.4	3.165		2.7	0.6
1395	8/17/2016 01:46:40	15.64	47.55	30.99		7.86	6.6	3.058		3.5	0.8
1396	8/17/2016 02:01:40	15.88	47.46	30.93		7.85	6.6	2.941		2.8	0.7
1397	8/17/2016 02:16:40	16.21	47.61	31.04		7.85	7.9	2.798		3.1	0.7
1398	8/17/2016 02:31:40	16.78	47.65	31.08		7.85	7.4	2.695		3.2	0.8
1399	8/17/2016 02:46:40	17.31	47.54	31.01		7.82	6.3	2.577		2.1	0.5
1400	8/17/2016 03:01:40	17.83	47.67	31.11		7.85	6.8	2.439		3.1	0.7
1401	8/17/2016 03:16:40	17.96	47.85	31.23		7.85	7.8	2.309		2.9	0.7
1402	8/17/2016 03:31:40	17.79	47.89	31.26		7.85	7.2	2.174		3.0	0.7
1403	8/17/2016 03:46:40	17.83	47.98	31.33		7.85	7.3	2.031		3.2	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1404	8/17/2016 04:01:40	18.04	47.67	31.11		7.85	6.8	1.902		3.0	0.7
1405	8/17/2016 04:16:40	18.26	48.03	31.37		7.86	6.8	1.774		3.2	0.8
1406	8/17/2016 04:31:39	18.46	47.81	31.21		7.86	6.0	1.634		4.1	1.0
1407	8/17/2016 04:46:39	18.53	47.91	31.28		7.84	4.8	1.519		3.4	0.8
1408	8/17/2016 05:01:40	18.75	48.08	31.41		7.85	4.7	1.416		3.5	0.8
1409	8/17/2016 05:16:40	18.97	48.02	31.36		7.81	3.7	1.321		3.6	0.8
1410	8/17/2016 05:31:40	19.08	48.02	31.36		7.79	3.4	1.266		3.1	0.7
1411	8/17/2016 05:46:40	19.17	48.06	31.39		7.74	3.3	1.228		2.8	0.7
1412	8/17/2016 06:01:40	19.20	47.99	31.34		7.75	4.7	1.244		2.7	0.6
1413	8/17/2016 06:16:39	19.36	48.13	31.44		7.87	4.7	1.259		3.7	0.9
1414	8/17/2016 06:31:39	19.26	48.06	31.39		7.88	5.0	1.303		3.2	0.8
1415	8/17/2016 06:46:39	19.89	48.17	31.47		7.87	5.7	1.381		3.2	0.7
1416	8/17/2016 07:01:40	19.94	48.06	31.39		7.88	5.5	1.462		4.2	1.0
1417	8/17/2016 07:16:40	19.82	48.16	31.46		7.86	6.1	1.549		4.2	1.0
1418	8/17/2016 07:31:39	19.75	48.08	31.40		7.90	8.1	1.634		3.7	0.9
1419	8/17/2016 07:46:39	19.71	48.10	31.42		7.89	6.6	1.728		3.3	0.8
1420	8/17/2016 08:01:39	19.62	48.09	31.41		7.84	5.2	1.812		4.5	1.1
1421	8/17/2016 08:16:39	19.46	48.03	31.37		7.84	5.0	1.899		3.3	0.8
1422	8/17/2016 08:31:39	19.40	47.95	31.31		7.83	5.1	1.996		3.5	0.8
1423	8/17/2016 08:46:39	19.34	48.01	31.35		7.84	4.4	2.093		3.6	0.9
1424	8/17/2016 09:01:40	18.95	47.97	31.33		7.84	4.5	2.193		3.1	0.7
1425	8/17/2016 09:16:40	18.68	47.79	31.20		7.83	4.3	2.290		3.6	0.9
1426	8/17/2016 09:31:40	18.43	47.90	31.28		7.84	5.6	2.388		2.9	0.7
1427	8/17/2016 09:46:40	18.12	47.79	31.19		7.84	6.5	2.483		3.1	0.7
1428	8/17/2016 10:01:40	17.67	47.82	31.21		7.83	6.8	2.575		2.9	0.7
1429	8/17/2016 10:16:40	17.53	47.88	31.26		7.82	5.7	2.669		3.0	0.7
1430	8/17/2016 10:31:40	17.39	47.72	31.13		7.82	5.3	2.760		3.2	0.8
1431	8/17/2016 10:46:40	16.98	47.48	30.96		7.82	7.0	2.854		3.1	0.7
1432	8/17/2016 11:01:40	16.55	47.74	31.14		7.81	6.2	2.922		3.1	0.7
1433	8/17/2016 11:16:40	16.01	47.36	30.86		7.80	4.5	3.008		2.4	0.6
1434	8/17/2016 11:31:40	15.25	47.37	30.86		7.81	4.4	3.087		2.1	0.5
1435	8/17/2016 11:46:40	14.96	47.27	30.78		7.82	4.5	3.161		2.1	0.5
1436	8/17/2016 12:01:40	14.75	47.21	30.72		7.82	4.9	3.226		2.0	0.5
1437	8/17/2016 12:16:40	14.61	47.32	30.80		7.81	3.6	3.293		2.5	0.6
1438	8/17/2016 12:31:40	14.37	47.34	30.81		7.83	4.0	3.333		2.4	0.6
1439	8/17/2016 12:46:40	14.19	47.44	30.88		7.84	4.2	3.357		2.4	0.6

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1440	8/17/2016 13:01:40	14.55	47.31	30.80		7.83	5.1	3.364		2.1	0.5
1441	8/17/2016 13:16:40	14.46	47.54	30.96		7.72	3.5	3.350		2.9	0.7
1442	8/17/2016 13:31:40	14.48	47.39	30.85		7.82	3.5	3.314		2.1	0.5
1443	8/17/2016 13:46:40	14.68	47.46	30.90		7.82	4.4	3.245		3.5	0.8
1444	8/17/2016 14:01:40	15.06	47.33	30.82		7.84	6.2	3.174		2.4	0.6
1445	8/17/2016 14:16:40	16.16	47.57	31.02		7.90	5.8	3.086		1.9	0.4
1446	8/17/2016 14:31:40	16.23	47.43	30.91		7.90	5.3	3.002		2.2	0.5
1447	8/17/2016 14:46:40	16.30	47.56	31.01		7.89	4.8	2.912		2.2	0.5
1448	8/17/2016 15:01:40	16.69	47.51	30.98		7.91	5.4	2.824		2.1	0.5
1449	8/17/2016 15:16:40	17.32	47.43	30.93		7.91	4.8	2.739		2.6	0.6
1450	8/17/2016 15:31:40	17.82	47.53	31.00		7.92	5.0	2.664		2.5	0.6
1451	8/17/2016 15:46:39	18.15	47.74	31.15		7.95	4.7	2.571		2.4	0.6
1452	8/17/2016 16:01:40	18.45	47.75	31.16		7.94	4.7	2.499		2.7	0.6
1453	8/17/2016 16:16:40	18.52	47.59	31.05		7.97	4.7	2.414		2.6	0.6
1454	8/17/2016 16:31:39	18.72	47.58	31.04		7.96	4.1	2.349		2.5	0.6
1455	8/17/2016 16:46:39	18.95	47.68	31.11		7.97	4.2	2.281		1.8	0.4
1456	8/17/2016 17:01:39	19.08	47.60	31.06		7.98	4.0	2.217		1.9	0.4
1457	8/17/2016 17:16:39	19.18	47.87	31.25		7.98	5.5	2.173		2.6	0.6
1458	8/17/2016 17:31:40	19.31	47.70	31.13		8.00	4.0	2.126		2.5	0.6
1459	8/17/2016 17:46:39	19.36	47.79	31.19		7.95	4.2	2.095		2.8	0.7
1460	8/17/2016 18:01:39	18.83	47.76	31.17		8.08	5.6	2.105		3.0	0.7
1461	8/17/2016 18:16:39	19.46	47.80	31.20		8.04	5.1	2.109		3.8	0.9
1462	8/17/2016 18:31:39	19.66	47.94	31.30		8.01	5.3	2.139		4.6	1.1
1463	8/17/2016 18:46:39	19.87	48.04	31.37		7.99	6.1	2.187		5.1	1.2
1464	8/17/2016 19:01:39	19.89	48.13	31.44		7.98	6.0	2.241		5.0	1.2
1465	8/17/2016 19:16:39	19.69	48.05	31.38		7.97	7.1	2.311		4.4	1.0
1466	8/17/2016 19:31:39	19.85	47.93	31.29		7.97	9.2	2.397		4.8	1.1
1467	8/17/2016 19:46:40	19.32	48.11	31.42		7.95	8.4	2.484		4.6	1.1
1468	8/17/2016 20:01:39	19.07	47.94	31.30		7.95	7.2	2.565		4.0	0.9
1469	8/17/2016 20:16:40	18.44	47.85	31.24		7.92	7.7	2.652		3.8	0.9
1470	8/17/2016 20:31:40	17.71	47.72	31.14		7.89	7.2	2.735		3.7	0.9
1471	8/17/2016 20:46:40	17.37	47.70	31.12		7.88	7.2	2.825		4.4	1.0
1472	8/17/2016 21:01:40	17.07	47.57	31.02		7.88	7.5	2.914		3.7	0.9
1473	8/17/2016 21:16:40	16.80	47.66	31.09		7.88	8.3	2.998		3.2	0.7
1474	8/17/2016 21:31:40	16.33	47.42	30.91		7.87	8.8	3.093		3.4	0.8
1475	8/17/2016 21:46:40	15.82	47.53	30.98		7.88	8.4	3.193		3.4	0.8

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1476	8/17/2016 22:01:40	15.28	47.46	30.92		7.88	10.9	3.279		3.3	0.8
1477	8/17/2016 22:16:40	14.56	47.46	30.90		7.88	10.1	3.386		3.1	0.7
1478	8/17/2016 22:31:40	14.01	47.33	30.79		7.88	10.1	3.475		3.2	0.8
1479	8/17/2016 22:46:40	13.56	47.40	30.83		7.88	9.4	3.552		3.5	0.8
1480	8/17/2016 23:01:40	13.34	47.37	30.80		7.88	8.3	3.637		3.1	0.7
1481	8/17/2016 23:16:40	13.16	47.33	30.77		7.88	7.5	3.707		2.9	0.7
1482	8/17/2016 23:31:40	13.02	47.23	30.69		7.88	5.6	3.762		3.3	0.8
1483	8/17/2016 23:46:39	13.03	47.25	30.70		7.88	4.4	3.804		2.1	0.5
1484	8/18/2016 00:01:40	12.90	47.45	30.85		7.88	4.5	3.833		2.6	0.6
1485	8/18/2016 00:16:40	12.93	47.42	30.82		7.83	2.6	3.839		2.1	0.5
1486	8/18/2016 00:31:40	13.29	47.36	30.79		7.77	2.8	3.817		2.7	0.6
1487	8/18/2016 00:46:40	13.24	47.23	30.70		7.81	3.4	3.774		1.6	0.4
1488	8/18/2016 01:01:40	13.68	47.26	30.73		7.78	3.7	3.704		3.1	0.7
1489	8/18/2016 01:16:40	14.39	47.40	30.85		7.86	6.8	3.629		2.7	0.6
1490	8/18/2016 01:31:40	14.11	47.41	30.86		7.85	8.0	3.512		3.0	0.7
1491	8/18/2016 01:46:40	13.83	47.38	30.82		7.84	6.4	3.406		2.2	0.5
1492	8/18/2016 02:01:40	14.55	47.31	30.79		7.85	10.9	3.300		2.5	0.6
1493	8/18/2016 02:16:40	14.99	47.47	30.92		7.86	8.1	3.180		2.4	0.6
1494	8/18/2016 02:31:39	15.19	47.32	30.81		7.85	7.6	3.053		2.8	0.7
1495	8/18/2016 02:46:39	15.38	47.26	30.78		7.85	7.1	2.930		3.1	0.7
1496	8/18/2016 03:01:40	16.01	47.62	31.05		7.85	8.3	2.805		2.4	0.6
1497	8/18/2016 03:16:39	16.43	47.42	30.91		7.84	7.3	2.678		3.2	0.7
1498	8/18/2016 03:31:40	17.06	47.71	31.13		7.85	7.5	2.546		3.1	0.7
1499	8/18/2016 03:46:39	17.65	47.71	31.13		7.86	9.6	2.402		3.7	0.9
1500	8/18/2016 04:01:39	17.78	47.83	31.22		7.87	10.3	2.272		3.0	0.7
1501	8/18/2016 04:16:39	17.91	47.81	31.21		7.87	9.5	2.133		3.0	0.7
1502	8/18/2016 04:31:39	17.70	47.74	31.16		7.86	10.8	1.969		4.0	1.0
1503	8/18/2016 04:46:40	17.80	47.72	31.14		7.86	9.5	1.843		3.4	0.8
1504	8/18/2016 05:01:40	17.96	47.80	31.20		7.85	7.1	1.716		3.4	0.8
1505	8/18/2016 05:16:40	18.24	47.84	31.23		7.86	6.5	1.560		3.4	0.8
1506	8/18/2016 05:31:39	18.51	47.79	31.19		7.87	6.4	1.456		3.3	0.8
1507	8/18/2016 05:46:40	18.51	47.88	31.26		7.86	5.8	1.347		3.2	0.8
1508	8/18/2016 06:01:39	18.68	47.81	31.21		7.87	7.0	1.244		3.3	0.8
1509	8/18/2016 06:16:39	18.80	47.98	31.33		7.86	4.4	1.180		2.8	0.6
1510	8/18/2016 06:31:40	18.77	47.97	31.33		7.83	6.7	1.159		2.4	0.6
1511	8/18/2016 06:46:40	18.77	48.05	31.38		7.85	5.1	1.164		2.9	0.7

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Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1512	8/18/2016 07:01:40	18.93	47.98	31.33		7.89	6.4	1.211		3.2	0.8
1513	8/18/2016 07:16:40	19.33	48.02	31.36		7.90	6.5	1.282		3.0	0.7
1514	8/18/2016 07:31:39	19.63	48.09	31.41		7.92	6.8	1.369		3.6	0.9
1515	8/18/2016 07:46:39	19.57	47.98	31.33		7.91	7.3	1.462		3.5	0.8
1516	8/18/2016 08:01:39	19.54	48.11	31.43		7.91	7.6	1.548		3.4	0.8
1517	8/18/2016 08:16:39	19.48	47.85	31.24		7.90	7.7	1.643		3.3	0.8
1518	8/18/2016 08:31:40	19.19	47.89	31.27		7.89	7.8	1.738		3.5	0.8
1519	8/18/2016 08:46:40	19.26	47.87	31.25		7.89	7.5	1.843		3.5	0.8
1520	8/18/2016 09:01:40	19.20	47.85	31.24		7.89	8.0	1.936		3.7	0.9
1521	8/18/2016 09:16:40	19.19	47.94	31.30		7.89	7.5	2.043		3.4	0.8
1522	8/18/2016 09:31:40	18.99	47.90	31.27		7.88	8.1	2.146		2.9	0.7
1523	8/18/2016 09:46:40	18.59	47.71	31.13		7.87	7.9	2.255		3.0	0.7
1524	8/18/2016 10:01:40	18.34	47.72	31.14		7.86	8.8	2.370		2.8	0.7
1525	8/18/2016 10:16:40	17.98	47.57	31.03		7.85	9.7	2.468		3.0	0.7
1526	8/18/2016 10:31:40	17.72	47.49	30.97		7.84	10.1	2.575		3.5	0.8
1527	8/18/2016 10:46:40	17.54	47.40	30.91		7.84	11.4	2.677		3.1	0.7
1528	8/18/2016 11:01:40	17.24	47.53	30.99		7.83	12.1	2.768		3.3	0.8
1529	8/18/2016 11:16:40	16.71	47.37	30.87		7.83	12.0	2.862		2.7	0.6
1530	8/18/2016 11:31:40	16.15	47.29	30.81		7.83	14.2	2.963		2.9	0.7
1531	8/18/2016 11:46:40	15.33	47.13	30.68		7.84	13.5	3.050		2.8	0.7
1532	8/18/2016 12:01:39	14.99	47.07	30.63		7.84	16.2	3.141		2.8	0.7
1533	8/18/2016 12:16:40	14.81	47.20	30.72		7.85	15.6	3.227		3.1	0.7
1534	8/18/2016 12:31:40	14.59	47.15	30.68		7.85	14.8	3.310		2.8	0.7
1535	8/18/2016 12:46:40	14.26	47.11	30.64		7.86	13.1	3.381		3.1	0.7
1536	8/18/2016 13:01:40	14.07	46.87	30.46		7.86	9.4	3.432		3.2	0.8
1537	8/18/2016 13:16:40	13.96	46.88	30.47		7.86	6.2	3.464		1.7	0.4
1538	8/18/2016 13:31:40	14.11	47.01	30.56		7.80	3.9	3.479		1.4	0.3
1539	8/18/2016 13:46:40	14.42	47.10	30.64		7.76	13.3	3.472		1.7	0.4
1540	8/18/2016 14:01:40	14.17	46.93	30.51		7.81	5.4	3.429		2.2	0.5
1541	8/18/2016 14:16:40	14.46	47.03	30.59		7.85	7.7	3.364		2.2	0.5
1542	8/18/2016 14:31:40	14.96	47.13	30.67		7.87	8.3	3.296		2.5	0.6
1543	8/18/2016 14:46:40	16.01	47.09	30.66		7.93	11.8	3.209		2.3	0.6
1544	8/18/2016 15:01:40	16.00	47.07	30.65		7.93	15.3	3.104		2.2	0.5
1545	8/18/2016 15:16:40	15.85	46.99	30.59		7.92	7.5	3.008		2.6	0.6
1546	8/18/2016 15:31:40	16.45	47.20	30.75		7.92	7.5	2.906		2.1	0.5
1547	8/18/2016 15:46:40	16.95	47.35	30.86		7.92	6.7	2.812		2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1548	8/18/2016 16:01:40	17.55	47.45	30.94		7.94	6.9	2.719		2.6	0.6
1549	8/18/2016 16:16:40	18.08	47.37	30.89		7.95	7.9	2.620		2.8	0.7
1550	8/18/2016 16:31:39	18.33	47.48	30.97		7.95	6.4	2.538		2.9	0.7
1551	8/18/2016 16:46:40	18.50	47.50	30.98		7.95	6.3	2.444		2.9	0.7
1552	8/18/2016 17:01:40	18.75	47.55	31.02		7.98	6.3	2.357		2.9	0.7
1553	8/18/2016 17:16:40	18.59	47.39	30.90		8.02	7.5	2.282		2.6	0.6
1554	8/18/2016 17:31:39	18.75	47.50	30.98		8.02	5.6	2.197		2.6	0.6
1555	8/18/2016 17:46:40	18.85	47.41	30.92		8.05	5.6	2.127		2.4	0.6
1556	8/18/2016 18:01:40	19.13	47.58	31.04		8.05	4.8	2.067		2.9	0.7
1557	8/18/2016 18:16:40	19.35	47.61	31.07		8.05	4.5	2.012		2.9	0.7
1558	8/18/2016 18:31:39	19.53	47.53	31.01		8.04	4.5	1.997		3.0	0.7
1559	8/18/2016 18:46:39	19.63	47.63	31.08		7.96	9.7	1.991		2.6	0.6
1560	8/18/2016 19:01:39	19.68	47.69	31.12		8.04	14.5	1.995		4.1	1.0
1561	8/18/2016 19:16:40	19.81	47.92	31.29		8.01	10.1	2.030		4.2	1.0
1562	8/18/2016 19:31:40	19.83	47.85	31.23		7.99	7.6	2.090		4.7	1.1
1563	8/18/2016 19:46:40	19.71	47.86	31.24		7.98	8.1	2.155		4.3	1.0
1564	8/18/2016 20:01:40	19.75	47.81	31.20		7.98	10.3	2.231		4.5	1.1
1565	8/18/2016 20:16:40	19.37	47.70	31.13		7.98	10.8	2.325		4.6	1.1
1566	8/18/2016 20:31:40	19.18	47.70	31.13		7.96	8.7	2.424		4.4	1.0
1567	8/18/2016 20:46:40	19.04	47.61	31.06		7.94	8.9	2.509		4.5	1.1
1568	8/18/2016 21:01:40	18.23	47.45	30.95		7.92	8.1	2.589		4.4	1.0
1569	8/18/2016 21:16:40	17.75	47.39	30.90		7.90	8.1	2.685		3.7	0.9
1570	8/18/2016 21:31:40	17.49	47.56	31.02		7.89	8.1	2.776		3.7	0.9
1571	8/18/2016 21:46:40	17.17	47.40	30.90		7.89	8.4	2.862		3.4	0.8
1572	8/18/2016 22:01:40	16.66	47.47	30.95		7.89	10.2	2.954		3.8	0.9
1573	8/18/2016 22:16:40	16.19	47.22	30.76		7.89	9.2	3.057		3.0	0.7
1574	8/18/2016 22:31:40	15.96	47.12	30.68		7.88	10.8	3.149		3.4	0.8
1575	8/18/2016 22:46:40	15.26	47.10	30.66		7.88	10.6	3.251		3.0	0.7
1576	8/18/2016 23:01:40	14.63	47.06	30.62		7.89	11.3	3.353		3.3	0.8
1577	8/18/2016 23:16:40	14.20	47.12	30.64		7.90	9.9	3.446		2.9	0.7
1578	8/18/2016 23:31:40	13.73	47.08	30.61		7.89	10.8	3.539		3.3	0.8
1579	8/18/2016 23:46:40	13.29	47.02	30.55		7.89	9.0	3.623		2.9	0.7
1580	8/19/2016 00:01:40	13.12	47.06	30.57		7.89	7.6	3.704		2.7	0.6
1581	8/19/2016 00:16:40	13.06	47.07	30.58		7.89	5.9	3.765		2.8	0.7
1582	8/19/2016 00:31:40	12.78	47.03	30.54		7.89	6.7	3.812		2.6	0.6
1583	8/19/2016 00:46:40	12.65	47.21	30.67		7.88	4.3	3.843		2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1584	8/19/2016 01:01:40	12.61	46.99	30.51		7.88	3.6	3.846		1.8	0.4
1585	8/19/2016 01:16:40	13.00	47.06	30.57		7.79	2.6	3.831		2.0	0.5
1586	8/19/2016 01:31:40	12.80	47.18	30.65		7.84	3.4	3.786		2.5	0.6
1587	8/19/2016 01:46:40	13.05	46.97	30.50		7.87	4.6	3.720		2.4	0.6
1588	8/19/2016 02:01:40	13.49	47.03	30.56		7.87	6.4	3.631		2.1	0.5
1589	8/19/2016 02:16:40	13.60	47.19	30.68		7.87	6.2	3.531		2.4	0.6
1590	8/19/2016 02:31:40	14.36	46.82	30.44		7.87	8.5	3.422		2.5	0.6
1591	8/19/2016 02:46:40	14.82	47.12	30.66		7.88	9.8	3.300		2.7	0.6
1592	8/19/2016 03:01:39	15.04	47.11	30.66		7.87	8.8	3.185		3.0	0.7
1593	8/19/2016 03:16:40	15.50	47.11	30.67		7.87	14.2	3.056		2.8	0.6
1594	8/19/2016 03:31:40	15.85	46.95	30.56		7.86	10.6	2.923		3.1	0.7
1595	8/19/2016 03:46:40	16.23	47.08	30.66		7.86	11.1	2.800		2.4	0.6
1596	8/19/2016 04:01:40	16.26	47.46	30.94		7.85	10.0	2.670		2.4	0.6
1597	8/19/2016 04:16:40	16.98	47.48	30.96		7.86	8.9	2.540		2.9	0.7
1598	8/19/2016 04:31:40	17.30	47.23	30.78		7.85	11.1	2.388		3.1	0.7
1599	8/19/2016 04:46:39	17.46	47.28	30.82		7.87	13.3	2.247		3.4	0.8
1600	8/19/2016 05:01:40	17.39	47.39	30.90		7.86	13.1	2.114		3.3	0.8
1601	8/19/2016 05:16:40	17.60	47.56	31.02		7.87	11.7	1.964		2.4	0.6
1602	8/19/2016 05:31:40	17.83	47.48	30.96		7.87	9.7	1.824		3.3	0.8
1603	8/19/2016 05:46:40	17.66	47.36	30.88		7.86	11.2	1.688		3.0	0.7
1604	8/19/2016 06:01:40	18.20	47.34	30.87		7.87	7.2	1.559		2.6	0.6
1605	8/19/2016 06:16:39	18.19	47.43	30.93		7.86	9.0	1.429		3.5	0.8
1606	8/19/2016 06:31:40	18.34	47.37	30.89		7.87	7.0	1.334		2.8	0.7
1607	8/19/2016 06:46:40	18.38	47.69	31.12		7.86	6.7	1.250		2.5	0.6
1608	8/19/2016 07:01:40	18.54	47.72	31.14		7.86	5.7	1.193		3.0	0.7
1609	8/19/2016 07:16:40	18.62	47.60	31.06		7.83	4.4	1.197		2.1	0.5
1610	8/19/2016 07:31:40	18.59	47.73	31.15		7.87	7.0	1.223		2.6	0.6
1611	8/19/2016 07:46:40	18.85	47.73	31.15		7.88	6.3	1.266		2.7	0.6
1612	8/19/2016 08:01:40	19.32	47.74	31.16		7.90	9.5	1.351		3.1	0.7
1613	8/19/2016 08:16:39	19.32	47.77	31.18		7.91	7.7	1.458		2.9	0.7
1614	8/19/2016 08:31:39	19.26	47.73	31.15		7.90	8.0	1.558		2.9	0.7
1615	8/19/2016 08:46:40	19.17	47.83	31.22		7.90	9.2	1.650		2.9	0.7
1616	8/19/2016 09:01:40	18.86	47.89	31.27		7.90	7.6	1.757		2.7	0.6
1617	8/19/2016 09:16:40	18.75	47.80	31.20		7.90	7.5	1.858		3.1	0.7
1618	8/19/2016 09:31:40	18.80	47.87	31.25		7.90	7.0	1.960		3.2	0.8
1619	8/19/2016 09:46:40	18.75	47.88	31.26		7.89	7.0	2.065		2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1620	8/19/2016 10:01:40	18.59	47.76	31.17		7.88	7.8	2.178		2.4	0.6
1621	8/19/2016 10:16:39	18.25	47.53	31.00		7.88	8.5	2.300		2.0	0.5
1622	8/19/2016 10:31:40	18.03	47.65	31.09		7.87	7.9	2.396		2.6	0.6
1623	8/19/2016 10:46:40	17.66	47.62	31.07		7.86	8.7	2.510		3.0	0.7
1624	8/19/2016 11:01:40	17.42	47.44	30.93		7.85	10.0	2.615		2.7	0.6
1625	8/19/2016 11:16:40	17.25	47.51	30.98		7.85	10.2	2.716		2.5	0.6
1626	8/19/2016 11:31:40	16.96	47.30	30.83		7.84	14.4	2.824		2.9	0.7
1627	8/19/2016 11:46:40	16.36	47.29	30.81		7.83	16.0	2.922		2.8	0.7
1628	8/19/2016 12:01:40	15.56	47.31	30.81		7.83	14.3	3.025		2.8	0.6
1629	8/19/2016 12:16:40	14.96	47.25	30.76		7.83	14.8	3.132		3.2	0.7
1630	8/19/2016 12:31:40	14.58	47.22	30.73		7.85	14.9	3.223		2.9	0.7
1631	8/19/2016 12:46:40	14.17	47.19	30.70		7.86	15.9	3.316		2.3	0.5
1632	8/19/2016 13:01:40	13.78	46.99	30.54		7.87	13.3	3.408		2.7	0.6
1633	8/19/2016 13:16:40	13.51	47.13	30.64		7.89	11.2	3.486		2.7	0.6
1634	8/19/2016 13:31:40	13.32	47.00	30.54		7.90	12.7	3.543		3.1	0.7
1635	8/19/2016 13:46:39	13.22	46.99	30.52		7.90	6.8	3.588		2.6	0.6
1636	8/19/2016 14:01:40	13.15	46.85	30.42		7.91	8.4	3.621		2.7	0.6
Mean		17.43	47.91	31.26	7.36	7.91	6.06	2.63	91.61	3.29	0.78
Minimum		12.52	46.82	30.42	5.76	7.67	1.80	1.09	73.70	0.90	0.20
Maximum		20.21	48.63	31.81	9.25	8.10	70.30	3.93	121.70	12.30	2.90

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

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	8/19/2016 14:31:05	13.24	52.32	34.41	7.22	7.87	5.5	3.641	85.4	2.7	0.7
1	8/19/2016 14:46:04	13.23	52.24	34.35	7.22	7.92	6.8	3.596	85.3	3.1	0.7
2	8/19/2016 15:01:04	13.75	52.25	34.37	7.12	7.92	8.5	3.528	85.0	2.0	0.5
3	8/19/2016 15:16:04	14.30	52.29	34.42	7.21	7.94	10.3	3.442	87.0	2.2	0.5
4	8/19/2016 15:31:04	15.09	52.32	34.47	7.59	7.96	9.0	3.335	93.2	2.2	0.5
5	8/19/2016 15:46:05	14.81	52.26	34.42	7.73	7.97	7.5	3.235	94.4	2.7	0.6
6	8/19/2016 16:01:05	15.84	52.37	34.52	7.20	7.93	14.0	3.126	89.8	2.6	0.6
7	8/19/2016 16:16:05	16.24	52.41	34.56	7.27	7.95	9.1	3.014	91.4	3.1	0.7
8	8/19/2016 16:31:04	16.66	52.44	34.58	7.35	7.95	9.7	2.917	93.1	2.9	0.7
9	8/19/2016 16:46:04	17.18	52.50	34.64	7.65	7.96	9.5	2.811	97.8	2.7	0.6
10	8/19/2016 17:01:04	17.42	52.53	34.66	7.53	7.97	8.1	2.709	96.8	3.2	0.8
11	8/19/2016 17:16:04	17.75	52.59	34.71	7.57	7.97	7.9	2.620	98.0	2.9	0.7
12	8/19/2016 17:31:05	18.11	52.65	34.76	7.80	7.98	8.0	2.523	101.6	3.4	0.8
13	8/19/2016 17:46:05	18.44	52.72	34.81	7.97	8.00	8.3	2.423	104.5	3.2	0.8
14	8/19/2016 18:01:05	18.58	52.75	34.84	8.18	8.02	7.0	2.326	107.6	2.9	0.7
15	8/19/2016 18:16:04	18.76	52.76	34.84	8.25	8.02	7.5	2.244	108.9	3.5	0.8
16	8/19/2016 18:31:04	18.66	52.73	34.82	8.46	8.04	6.8	2.166	111.4	3.3	0.8
17	8/19/2016 18:46:05	18.48	52.67	34.77	8.98	8.08	5.6	2.086	117.9	3.1	0.7
18	8/19/2016 19:01:05	18.63	52.72	34.82	8.83	8.07	5.7	2.042	116.3	3.6	0.8
19	8/19/2016 19:16:04	19.04	52.82	34.89	8.45	8.05	6.6	1.990	112.2	3.4	0.8
20	8/19/2016 19:31:04	19.21	52.85	34.91	8.25	8.05	4.6	1.975	109.8	3.7	0.9
21	8/19/2016 19:46:05	18.71	52.74	34.82	8.69	8.06	6.2	1.992	114.6	3.5	0.8
22	8/19/2016 20:01:05	19.37	52.89	34.94	8.26	8.03	5.8	2.007	110.3	4.6	1.1
23	8/19/2016 20:16:04	19.31	52.89	34.94	7.99	8.01	6.4	2.061	106.6	3.8	0.9
24	8/19/2016 20:31:05	19.55	52.95	34.99	7.75	7.99	6.5	2.123	103.9	4.2	1.0
25	8/19/2016 20:46:05	19.42	52.92	34.96	7.69	7.99	8.0	2.210	102.8	4.8	1.1
26	8/19/2016 21:01:04	19.80	52.98	35.01	7.77	7.99	10.0	2.302	104.7	5.5	1.3
27	8/19/2016 21:16:05	19.25	52.87	34.93	7.72	7.98	8.9	2.398	103.0	5.0	1.2
28	8/19/2016 21:31:05	19.08	52.85	34.91	7.64	7.98	7.6	2.492	101.5	4.3	1.0
29	8/19/2016 21:46:05	18.28	52.70	34.80	7.46	7.96	7.3	2.578	97.6	3.6	0.9
30	8/19/2016 22:01:05	17.64	52.61	34.72	7.13	7.94	6.9	2.667	92.1	4.2	1.0
31	8/19/2016 22:16:05	17.32	52.56	34.68	6.97	7.93	6.6	2.754	89.5	3.5	0.8
32	8/19/2016 22:31:05	17.14	52.53	34.66	6.95	7.93	6.8	2.847	88.8	3.7	0.9
33	8/19/2016 22:46:05	16.71	52.48	34.62	6.93	7.93	8.1	2.939	87.9	3.4	0.8
34	8/19/2016 23:01:05	16.30	52.42	34.57	7.00	7.93	9.4	3.030	88.1	3.3	0.8
35	8/19/2016 23:16:05	16.03	52.39	34.54	7.09	7.94	10.1	3.131	88.7	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
36	8/19/2016 23:31:05	15.61	52.34	34.49	7.25	7.95	11.9	3.227	89.9	3.4	0.8
37	8/19/2016 23:46:05	14.92	52.27	34.42	7.59	7.97	10.6	3.330	92.8	2.9	0.7
38	8/20/2016 00:01:04	14.49	52.23	34.39	7.72	7.98	10.9	3.430	93.6	3.4	0.8
39	8/20/2016 00:16:04	14.21	52.21	34.36	7.84	7.99	11.4	3.522	94.5	4.0	0.9
40	8/20/2016 00:31:04	13.83	52.18	34.33	8.15	8.01	11.9	3.608	97.4	3.7	0.9
41	8/20/2016 00:46:04	13.54	52.16	34.30	8.43	8.03	10.3	3.688	100.2	4.9	1.2
42	8/20/2016 01:01:04	13.47	52.15	34.29	8.53	8.03	7.1	3.753	101.2	4.3	1.0
43	8/20/2016 01:16:04	13.47	52.20	34.32	8.53	8.04	5.0	3.801	101.3	4.8	1.1
44	8/20/2016 01:31:04	13.42	52.13	34.27	8.62	8.04	4.8	3.839	102.2	5.0	1.2
45	8/20/2016 01:46:04	13.34	52.16	34.29	8.63	8.05	2.8	3.861	102.1	4.3	1.0
46	8/20/2016 02:01:04	13.59	52.15	34.29	8.15	8.02	3.0	3.846	97.0	3.0	0.7
47	8/20/2016 02:16:04	13.46	52.20	34.32	7.96	8.01	2.9	3.812	94.5	7.1	1.7
48	8/20/2016 02:31:04	13.56	52.15	34.29	8.39	8.03	4.2	3.757	99.8	3.9	0.9
49	8/20/2016 02:46:05	13.80	52.22	34.36	8.11	8.01	6.7	3.678	97.0	2.5	0.6
50	8/20/2016 03:01:04	14.07	52.22	34.37	7.75	7.98	7.0	3.585	93.1	3.1	0.7
51	8/20/2016 03:16:04	14.39	52.25	34.40	7.79	7.98	8.7	3.474	94.2	3.9	0.9
52	8/20/2016 03:31:05	14.63	52.29	34.43	7.57	7.97	10.0	3.358	92.0	3.7	0.9
53	8/20/2016 03:46:04	15.08	52.35	34.49	7.39	7.96	9.6	3.245	90.7	3.3	0.8
54	8/20/2016 04:01:04	15.17	52.36	34.50	7.34	7.96	9.5	3.105	90.3	2.9	0.7
55	8/20/2016 04:16:05	15.62	52.40	34.54	7.05	7.94	10.8	2.994	87.5	2.9	0.7
56	8/20/2016 04:31:05	15.86	52.40	34.55	6.98	7.93	9.2	2.866	87.0	2.9	0.7
57	8/20/2016 04:46:05	16.40	52.52	34.64	6.80	7.92	10.6	2.728	85.7	3.0	0.7
58	8/20/2016 05:01:04	17.01	52.62	34.72	6.58	7.90	8.9	2.603	84.0	3.0	0.7
59	8/20/2016 05:16:05	17.12	52.63	34.74	6.39	7.88	10.1	2.459	81.7	2.7	0.7
60	8/20/2016 05:31:05	17.16	52.64	34.74	6.62	7.90	9.6	2.315	84.7	2.7	0.6
61	8/20/2016 05:46:05	17.28	52.66	34.76	6.62	7.91	10.6	2.188	84.9	2.7	0.6
62	8/20/2016 06:01:05	17.23	52.68	34.77	6.54	7.90	10.2	2.038	83.9	3.2	0.8
63	8/20/2016 06:16:05	17.41	52.66	34.76	6.55	7.90	9.7	1.915	84.2	2.8	0.7
64	8/20/2016 06:31:05	17.51	52.72	34.81	6.41	7.89	9.3	1.769	82.7	2.7	0.6
65	8/20/2016 06:46:05	17.77	52.76	34.84	6.41	7.89	9.2	1.644	83.0	2.9	0.7
66	8/20/2016 07:01:05	17.90	52.77	34.85	6.38	7.89	8.4	1.511	82.9	2.4	0.6
67	8/20/2016 07:16:05	18.06	52.79	34.86	6.36	7.90	6.8	1.434	82.8	2.6	0.6
68	8/20/2016 07:31:05	18.12	52.82	34.88	6.27	7.89	6.8	1.377	81.8	2.0	0.5
69	8/20/2016 07:46:05	18.34	52.86	34.92	6.26	7.89	13.6	1.313	82.0	2.9	0.7
70	8/20/2016 08:01:05	18.36	52.89	34.94	5.90	7.86	4.7	1.324	77.3	3.1	0.7
71	8/20/2016 08:16:05	18.45	52.92	34.96	6.38	7.90	4.7	1.353	83.8	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
72	8/20/2016 08:31:05	18.29	52.88	34.93	6.39	7.90	5.9	1.403	83.6	2.6	0.6
73	8/20/2016 08:46:04	18.89	53.03	35.04	6.49	7.92	5.3	1.485	86.0	3.2	0.8
74	8/20/2016 09:01:05	18.94	53.03	35.04	6.53	7.92	5.8	1.588	86.6	3.4	0.8
75	8/20/2016 09:16:04	18.89	53.03	35.05	6.54	7.92	6.6	1.693	86.7	2.3	0.5
76	8/20/2016 09:31:05	18.74	53.01	35.02	6.55	7.92	6.8	1.801	86.6	2.7	0.6
77	8/20/2016 09:46:05	18.39	52.90	34.95	6.54	7.91	7.0	1.892	85.8	2.8	0.7
78	8/20/2016 10:01:05	18.31	52.92	34.96	6.56	7.92	7.3	2.004	85.9	3.1	0.7
79	8/20/2016 10:16:05	18.42	52.97	35.00	6.54	7.92	6.2	2.107	85.9	3.1	0.7
80	8/20/2016 10:31:05	18.41	52.97	35.00	6.49	7.92	6.6	2.219	85.2	2.9	0.7
81	8/20/2016 10:46:05	17.98	52.85	34.90	6.50	7.91	6.7	2.325	84.6	3.2	0.8
82	8/20/2016 11:01:05	17.74	52.78	34.85	6.52	7.91	7.6	2.429	84.4	3.0	0.7
83	8/20/2016 11:16:05	17.51	52.73	34.81	6.55	7.91	8.4	2.541	84.5	3.0	0.7
84	8/20/2016 11:31:05	17.22	52.68	34.78	6.58	7.91	8.9	2.642	84.3	2.9	0.7
85	8/20/2016 11:46:05	17.04	52.64	34.74	6.66	7.91	10.0	2.743	85.0	2.4	0.6
86	8/20/2016 12:01:05	16.90	52.60	34.71	6.70	7.92	10.9	2.851	85.4	2.6	0.6
87	8/20/2016 12:16:05	16.38	52.52	34.64	6.75	7.91	15.7	2.957	85.0	3.0	0.7
88	8/20/2016 12:31:05	15.93	52.48	34.60	6.78	7.92	13.8	3.056	84.6	3.4	0.8
89	8/20/2016 12:46:05	15.45	52.41	34.54	7.07	7.94	16.6	3.159	87.5	3.5	0.8
90	8/20/2016 13:01:04	15.15	52.37	34.50	7.37	7.97	21.5	3.261	90.6	3.8	0.9
91	8/20/2016 13:16:05	14.89	52.34	34.47	7.65	7.99	15.6	3.360	93.5	3.7	0.9
92	8/20/2016 13:31:05	14.42	52.28	34.42	8.02	8.02	14.7	3.456	97.1	4.0	0.9
93	8/20/2016 13:46:05	13.91	52.22	34.36	8.26	8.03	13.6	3.543	98.9	4.1	1.0
94	8/20/2016 14:01:04	13.45	52.19	34.32	8.45	8.04	9.2	3.616	100.3	4.4	1.0
95	8/20/2016 14:16:04	13.23	52.19	34.31	8.54	8.04	4.9	3.667	100.8	4.2	1.0
96	8/20/2016 14:31:04	13.21	52.20	34.31	8.51	8.04	3.5	3.715	100.4	3.9	0.9
97	8/20/2016 14:46:04	13.06	52.20	34.31	8.40	8.04	4.6	3.738	98.8	3.7	0.9
98	8/20/2016 15:01:04	13.52	52.25	34.37	8.27	8.03	4.8	3.718	98.2	3.8	0.9
99	8/20/2016 15:16:04	13.22	52.22	34.33	8.17	8.02	5.9	3.685	96.5	8.4	2.0
100	8/20/2016 15:31:04	13.41	52.16	34.29	8.38	8.04	7.5	3.629	99.3	3.1	0.7
101	8/20/2016 15:46:04	14.24	52.26	34.40	8.33	8.03	10.1	3.543	100.5	3.2	0.8
102	8/20/2016 16:01:05	15.48	52.34	34.49	8.61	8.05	10.7	3.435	106.5	3.3	0.8
103	8/20/2016 16:16:05	15.05	52.33	34.47	8.77	8.07	8.0	3.329	107.5	4.0	0.9
104	8/20/2016 16:31:05	15.63	52.53	34.64	8.23	8.04	12.2	3.224	102.1	3.7	0.9
105	8/20/2016 16:46:05	15.96	52.39	34.54	8.23	8.02	9.7	3.115	102.8	3.4	0.8
106	8/20/2016 17:01:05	16.38	52.47	34.60	8.03	8.02	10.8	2.988	101.1	2.9	0.7
107	8/20/2016 17:16:05	16.74	52.52	34.64	7.92	8.00	10.1	2.889	100.6	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
108	8/20/2016 17:31:05	17.17	52.58	34.70	7.87	8.00	9.4	2.769	100.7	3.1	0.7
109	8/20/2016 17:46:05	17.58	52.67	34.77	8.13	8.02	8.4	2.667	105.0	3.2	0.7
110	8/20/2016 18:01:04	17.90	52.70	34.79	7.95	8.01	8.9	2.568	103.3	3.2	0.8
111	8/20/2016 18:16:04	18.34	52.73	34.82	8.42	8.04	8.4	2.454	110.2	3.2	0.8
112	8/20/2016 18:31:05	18.42	52.78	34.85	8.62	8.06	8.3	2.342	113.1	3.4	0.8
113	8/20/2016 18:46:05	18.49	52.80	34.87	8.74	8.07	7.3	2.249	114.9	2.8	0.7
114	8/20/2016 19:01:05	18.47	52.79	34.86	8.26	8.04	7.2	2.156	108.5	3.2	0.8
115	8/20/2016 19:16:05	18.56	52.81	34.88	8.46	8.05	7.4	2.059	111.3	3.2	0.8
116	8/20/2016 19:31:05	18.66	52.83	34.89	8.25	8.03	6.8	1.971	108.7	3.2	0.8
117	8/20/2016 19:46:05	18.75	52.87	34.92	8.44	8.06	6.9	1.912	111.5	3.0	0.7
118	8/20/2016 20:01:05	18.84	52.86	34.92	8.69	8.08	6.3	1.869	114.9	3.3	0.8
119	8/20/2016 20:16:05	19.18	52.95	34.99	8.34	8.06	5.3	1.835	111.1	3.8	0.9
120	8/20/2016 20:31:05	19.36	52.99	35.01	7.98	8.05	6.1	1.846	106.6	4.3	1.0
121	8/20/2016 20:46:05	19.51	53.03	35.04	8.07	8.03	6.1	1.872	108.1	4.4	1.0
122	8/20/2016 21:01:04	19.23	52.97	35.00	8.01	8.02	6.1	1.916	106.7	3.6	0.9
123	8/20/2016 21:16:05	19.63	53.10	35.09	7.83	8.01	6.8	1.975	105.2	4.1	1.0
124	8/20/2016 21:31:04	19.42	53.04	35.05	7.76	8.00	7.4	2.074	103.9	3.7	0.9
125	8/20/2016 21:46:04	19.88	53.12	35.11	7.80	8.00	11.2	2.165	105.3	4.3	1.0
126	8/20/2016 22:01:04	19.39	53.03	35.04	7.85	8.00	9.7	2.260	105.0	3.9	0.9
127	8/20/2016 22:16:05	19.13	52.98	35.01	7.87	8.00	8.5	2.364	104.7	4.0	0.9
128	8/20/2016 22:31:05	18.71	52.91	34.95	7.87	8.00	8.1	2.452	103.8	3.7	0.9
129	8/20/2016 22:46:05	18.08	52.80	34.87	7.64	7.98	8.2	2.541	99.6	3.8	0.9
130	8/20/2016 23:01:05	17.69	52.74	34.82	7.54	7.98	8.1	2.628	97.6	3.5	0.8
131	8/20/2016 23:16:05	17.51	52.71	34.80	7.53	7.98	6.7	2.723	97.1	3.4	0.8
132	8/20/2016 23:31:05	17.26	52.68	34.77	7.54	7.98	7.6	2.808	96.7	3.2	0.8
133	8/20/2016 23:46:05	16.91	52.62	34.72	7.61	7.98	8.3	2.898	96.9	3.7	0.9
134	8/21/2016 00:01:05	16.67	52.60	34.70	7.66	7.99	9.2	2.986	97.1	3.8	0.9
135	8/21/2016 00:16:05	16.48	52.56	34.67	7.68	7.99	9.0	3.078	97.0	3.1	0.7
136	8/21/2016 00:31:05	15.90	52.51	34.62	7.80	8.00	9.3	3.175	97.4	3.6	0.9
137	8/21/2016 00:46:05	15.39	52.44	34.56	7.88	8.00	9.8	3.267	97.3	4.0	0.9
138	8/21/2016 01:01:05	14.96	52.41	34.53	7.94	8.01	9.0	3.359	97.2	3.6	0.9
139	8/21/2016 01:16:05	14.70	52.39	34.51	7.94	8.01	11.2	3.444	96.7	3.3	0.8
140	8/21/2016 01:31:05	14.21	52.36	34.47	8.01	8.02	11.9	3.527	96.6	4.0	0.9
141	8/21/2016 01:46:05	13.91	52.34	34.45	8.07	8.02	8.9	3.594	96.7	3.7	0.9
142	8/21/2016 02:01:05	13.87	52.35	34.45	8.07	8.02	5.6	3.648	96.6	3.7	0.9
143	8/21/2016 02:16:05	13.83	52.34	34.44	8.05	8.02	4.8	3.700	96.3	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
144	8/21/2016 02:31:05	13.69	52.33	34.43	8.05	8.02	2.7	3.726	96.1	3.5	0.8
145	8/21/2016 02:46:05	13.79	52.36	34.45	7.85	8.01	3.4	3.726	93.8	2.9	0.7
146	8/21/2016 03:01:04	13.67	52.33	34.43	7.81	8.01	3.3	3.706	93.1	2.6	0.6
147	8/21/2016 03:16:05	13.72	52.34	34.44	7.92	8.01	5.4	3.666	94.6	2.6	0.6
148	8/21/2016 03:31:05	14.18	52.15	34.31	7.82	8.00	4.5	3.597	94.1	3.0	0.7
149	8/21/2016 03:46:05	14.25	52.35	34.47	7.77	8.00	8.3	3.495	93.8	3.9	0.9
150	8/21/2016 04:01:05	14.38	52.38	34.49	7.68	7.99	6.5	3.399	93.0	3.3	0.8
151	8/21/2016 04:16:05	14.59	52.45	34.55	7.63	7.98	8.6	3.293	92.7	3.3	0.8
152	8/21/2016 04:31:04	15.27	52.48	34.59	7.52	7.97	10.5	3.172	92.7	3.3	0.8
153	8/21/2016 04:46:04	15.67	52.51	34.62	7.40	7.96	8.9	3.050	92.0	3.3	0.8
154	8/21/2016 05:01:05	15.96	52.53	34.64	7.28	7.95	7.4	2.935	90.9	2.9	0.7
155	8/21/2016 05:16:05	16.34	52.62	34.72	7.04	7.94	7.7	2.817	88.7	2.8	0.7
156	8/21/2016 05:31:05	16.89	52.67	34.76	6.91	7.93	7.7	2.702	88.0	2.9	0.7
157	8/21/2016 05:46:05	17.33	52.80	34.86	6.55	7.90	9.2	2.573	84.2	2.9	0.7
158	8/21/2016 06:01:05	17.59	52.81	34.87	6.60	7.91	7.3	2.450	85.3	3.0	0.7
159	8/21/2016 06:16:05	17.48	52.80	34.86	6.71	7.91	9.5	2.329	86.5	2.9	0.7
160	8/21/2016 06:31:05	17.50	52.80	34.87	6.78	7.92	7.9	2.198	87.4	2.9	0.7
161	8/21/2016 06:46:05	17.46	52.79	34.85	6.84	7.92	9.5	2.066	88.1	3.1	0.7
162	8/21/2016 07:01:05	17.41	52.81	34.87	6.77	7.92	8.8	1.939	87.2	2.7	0.6
163	8/21/2016 07:16:04	17.56	52.81	34.88	6.71	7.92	8.9	1.812	86.6	2.2	0.5
164	8/21/2016 07:31:05	17.54	52.84	34.89	6.58	7.90	7.5	1.705	85.0	2.6	0.6
165	8/21/2016 07:46:05	17.69	52.88	34.93	6.57	7.90	6.9	1.603	85.1	2.0	0.5
166	8/21/2016 08:01:05	17.91	52.87	34.92	6.52	7.90	7.1	1.522	84.8	2.8	0.7
167	8/21/2016 08:16:05	18.01	52.92	34.96	6.49	7.90	6.7	1.470	84.5	2.8	0.7
168	8/21/2016 08:31:05	18.19	52.94	34.98	6.30	7.89	7.5	1.446	82.4	2.3	0.5
169	8/21/2016 08:46:05	18.25	52.98	35.00	6.55	7.91	6.2	1.453	85.7	3.0	0.7
170	8/21/2016 09:01:05	18.32	53.01	35.03	6.67	7.91	5.1	1.499	87.4	3.0	0.7
171	8/21/2016 09:16:05	18.67	53.07	35.07	6.63	7.92	5.9	1.559	87.5	3.2	0.8
172	8/21/2016 09:31:04	18.97	53.15	35.13	6.63	7.92	6.2	1.639	88.1	2.6	0.6
173	8/21/2016 09:46:05	18.85	53.12	35.11	6.65	7.92	7.3	1.743	88.1	3.2	0.8
174	8/21/2016 10:01:04	18.74	53.09	35.08	6.67	7.92	8.0	1.838	88.2	2.7	0.6
175	8/21/2016 10:16:05	18.48	53.05	35.06	6.70	7.92	7.5	1.939	88.1	2.7	0.6
176	8/21/2016 10:31:05	18.23	53.00	35.02	6.73	7.92	7.2	2.041	88.1	3.0	0.7
177	8/21/2016 10:46:05	18.26	53.01	35.03	6.72	7.92	7.0	2.141	88.0	3.0	0.7
178	8/21/2016 11:01:05	18.32	53.02	35.03	6.69	7.92	6.5	2.246	87.7	2.2	0.5
179	8/21/2016 11:16:05	18.05	52.96	34.99	6.77	7.93	6.6	2.344	88.2	2.9	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	Fluorescence %FS
180	8/21/2016 11:31:05	17.84	52.90	34.94	6.84	7.93	7.0	2.446	88.9	3.5	0.8
181	8/21/2016 11:46:05	17.64	52.85	34.90	6.83	7.92	7.3	2.554	88.3	2.6	0.6
182	8/21/2016 12:01:05	17.34	52.78	34.85	6.81	7.92	8.3	2.651	87.5	2.8	0.7
183	8/21/2016 12:16:05	17.12	52.75	34.82	6.81	7.92	9.7	2.746	87.1	2.7	0.6
184	8/21/2016 12:31:05	16.94	52.71	34.79	6.87	7.93	11.2	2.847	87.6	2.9	0.7
185	8/21/2016 12:46:05	16.53	52.62	34.72	6.93	7.93	13.0	2.959	87.6	3.6	0.9
186	8/21/2016 13:01:05	16.03	52.56	34.66	7.08	7.94	13.4	3.058	88.7	3.3	0.8
187	8/21/2016 13:16:05	15.49	52.49	34.60	7.25	7.95	13.0	3.162	89.8	3.0	0.7
188	8/21/2016 13:31:05	15.02	52.43	34.54	7.48	7.97	13.8	3.267	91.8	3.1	0.7
189	8/21/2016 13:46:05	14.75	52.40	34.51	7.61	7.98	15.3	3.374	92.8	3.4	0.8
190	8/21/2016 14:01:05	14.39	52.34	34.46	7.77	7.99	12.2	3.475	94.0	3.6	0.8
191	8/21/2016 14:16:05	13.90	52.29	34.41	7.83	7.99	12.0	3.559	93.8	3.4	0.8
192	8/21/2016 14:31:05	13.42	52.27	34.37	7.82	7.99	6.5	3.647	92.8	2.9	0.7
193	8/21/2016 14:46:04	13.18	52.23	34.34	7.79	7.99	4.4	3.710	91.9	2.7	0.6
194	8/21/2016 15:01:05	13.02	52.23	34.33	7.79	7.98	3.5	3.758	91.6	2.7	0.6
195	8/21/2016 15:16:04	12.93	52.23	34.33	7.68	7.98	2.5	3.782	90.1	2.5	0.6
196	8/21/2016 15:31:05	13.05	52.24	34.34	7.64	7.97	3.8	3.784	89.9	2.0	0.5
197	8/21/2016 15:46:05	12.95	52.22	34.32	7.60	7.97	2.6	3.761	89.3	1.3	0.3
198	8/21/2016 16:01:05	13.02	52.22	34.32	7.72	7.98	6.4	3.701	90.8	1.9	0.5
199	8/21/2016 16:16:04	13.86	52.27	34.39	7.85	7.99	7.9	3.619	93.9	2.7	0.6
200	8/21/2016 16:31:05	15.11	52.34	34.48	8.15	8.01	8.4	3.530	100.1	2.8	0.7
201	8/21/2016 16:46:05	14.21	52.26	34.40	8.25	8.02	6.5	3.426	99.5	3.3	0.8
202	8/21/2016 17:01:05	15.00	52.39	34.52	8.06	8.01	10.3	3.313	98.8	2.8	0.7
203	8/21/2016 17:16:05	15.66	52.47	34.59	7.88	7.99	11.2	3.202	97.8	2.8	0.7
204	8/21/2016 17:31:05	15.97	52.50	34.62	7.83	7.99	9.8	3.093	97.9	2.9	0.7
205	8/21/2016 17:46:05	16.30	52.53	34.65	7.84	7.99	10.5	2.968	98.6	3.7	0.9
206	8/21/2016 18:01:05	16.61	52.57	34.68	7.73	7.98	9.0	2.874	97.8	2.9	0.7
207	8/21/2016 18:16:05	16.96	52.62	34.72	7.68	7.98	9.0	2.758	97.9	2.8	0.7
208	8/21/2016 18:31:05	17.35	52.69	34.78	7.81	7.99	9.2	2.649	100.4	3.1	0.7
209	8/21/2016 18:46:05	17.64	52.73	34.82	7.80	8.00	8.3	2.536	100.9	3.4	0.8
210	8/21/2016 19:01:05	17.95	52.79	34.86	7.76	7.99	8.6	2.430	100.9	3.0	0.7
211	8/21/2016 19:16:05	18.13	52.82	34.88	8.12	8.02	7.7	2.326	106.0	3.2	0.7
212	8/21/2016 19:31:05	18.15	52.82	34.89	8.05	8.02	8.5	2.209	105.1	3.3	0.8
213	8/21/2016 19:46:05	18.19	52.83	34.90	7.75	7.99	8.3	2.100	101.3	3.1	0.7
214	8/21/2016 20:01:05	18.31	52.85	34.91	7.68	7.99	8.1	2.004	100.6	3.9	0.9
215	8/21/2016 20:16:05	18.17	52.84	34.90	7.71	7.99	7.3	1.908	100.6	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
216	8/21/2016 20:31:05	18.21	52.86	34.92	7.79	8.01	7.0	1.843	101.9	3.7	0.9
217	8/21/2016 20:46:05	18.42	52.91	34.95	7.66	8.00	6.4	1.784	100.6	3.9	0.9
218	8/21/2016 21:01:05	18.66	52.94	34.98	7.51	7.99	6.6	1.758	99.0	3.3	0.8
219	8/21/2016 21:16:04	19.08	52.98	35.00	7.40	7.98	5.4	1.762	98.4	3.9	0.9
220	8/21/2016 21:31:05	19.24	53.07	35.07	7.56	7.98	6.1	1.771	100.9	4.2	1.0
221	8/21/2016 21:46:05	19.08	53.04	35.05	7.59	7.98	6.1	1.810	100.9	4.2	1.0
222	8/21/2016 22:01:05	19.30	53.10	35.10	7.58	7.99	7.0	1.870	101.2	4.1	1.0
223	8/21/2016 22:16:05	19.11	53.07	35.07	7.56	7.98	7.3	1.962	100.7	4.2	1.0
224	8/21/2016 22:31:05	19.27	53.09	35.09	7.52	7.98	8.4	2.031	100.3	4.3	1.0
225	8/21/2016 22:46:05	19.51	53.13	35.11	7.52	7.98	11.2	2.128	100.8	4.4	1.0
226	8/21/2016 23:01:05	19.13	53.04	35.05	7.57	7.98	10.0	2.231	100.7	5.0	1.2
227	8/21/2016 23:16:05	19.02	53.03	35.04	7.58	7.98	8.4	2.320	100.7	4.3	1.0
228	8/21/2016 23:31:05	18.55	52.95	34.98	7.60	7.98	7.5	2.403	100.0	4.2	1.0
229	8/21/2016 23:46:05	18.14	52.88	34.93	7.50	7.97	7.3	2.485	98.0	3.6	0.9
230	8/22/2016 00:01:05	17.66	52.77	34.84	7.45	7.97	6.4	2.581	96.3	4.2	1.0
231	8/22/2016 00:16:05	17.45	52.75	34.82	7.46	7.97	5.9	2.663	96.1	3.6	0.8
232	8/22/2016 00:31:05	17.23	52.70	34.79	7.44	7.96	6.2	2.737	95.4	3.9	0.9
233	8/22/2016 00:46:05	16.91	52.66	34.75	7.45	7.97	6.2	2.818	94.9	3.4	0.8
234	8/22/2016 01:01:05	16.70	52.63	34.73	7.46	7.97	5.8	2.910	94.7	3.1	0.7
235	8/22/2016 01:16:05	16.55	52.60	34.71	7.45	7.97	7.4	2.996	94.3	2.9	0.7
236	8/22/2016 01:31:05	16.05	52.54	34.65	7.52	7.97	7.6	3.076	94.1	3.4	0.8
237	8/22/2016 01:46:05	15.57	52.49	34.60	7.56	7.97	7.3	3.166	93.8	3.0	0.7
238	8/22/2016 02:01:05	15.13	52.44	34.56	7.59	7.97	7.4	3.250	93.2	3.6	0.8
239	8/22/2016 02:16:05	14.93	52.43	34.54	7.58	7.97	6.0	3.326	92.7	3.3	0.8
240	8/22/2016 02:31:05	14.33	52.37	34.48	7.67	7.98	5.7	3.403	92.8	3.2	0.8
241	8/22/2016 02:46:05	14.11	52.34	34.46	7.72	7.99	3.6	3.465	92.9	2.5	0.6
242	8/22/2016 03:01:04	13.96	52.33	34.44	7.73	7.99	3.0	3.515	92.7	2.7	0.6
243	8/22/2016 03:16:04	14.00	52.40	34.49	7.55	7.98	2.6	3.547	90.6	2.7	0.6
244	8/22/2016 03:31:04	14.20	52.27	34.40	7.24	7.96	2.8	3.563	87.3	2.3	0.6
245	8/22/2016 03:46:05	13.87	52.31	34.43	7.47	7.97	2.5	3.554	89.4	3.1	0.7
246	8/22/2016 04:01:05	13.89	52.35	34.45	7.44	7.96	2.6	3.517	89.1	2.3	0.5
247	8/22/2016 04:16:05	14.19	52.42	34.51	7.43	7.96	3.7	3.465	89.6	2.5	0.6
248	8/22/2016 04:31:05	14.78	52.47	34.57	7.30	7.95	4.0	3.394	89.1	2.5	0.6
249	8/22/2016 04:46:05	15.01	52.46	34.57	7.25	7.94	7.0	3.303	88.9	3.0	0.7
250	8/22/2016 05:01:05	14.79	51.76	34.05	7.29	7.94	7.7	3.208	88.7	2.8	0.7
251	8/22/2016 05:16:05	15.26	51.67	33.99	7.21	7.94	7.4	3.104	88.6	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
252	8/22/2016 05:31:05	15.70	51.61	33.96	7.10	7.93	9.3	2.995	88.0	2.9	0.7
253	8/22/2016 05:46:05	16.16	51.70	34.04	6.94	7.92	7.3	2.883	86.7	2.7	0.6
254	8/22/2016 06:01:05	16.76	51.69	34.04	6.66	7.90	7.3	2.776	84.2	3.0	0.7
255	8/22/2016 06:16:05	17.04	51.85	34.16	6.65	7.90	7.2	2.671	84.7	3.1	0.7
256	8/22/2016 06:31:05	17.22	52.00	34.27	6.57	7.89	6.3	2.561	83.9	2.8	0.7
257	8/22/2016 06:46:05	17.45	51.56	33.95	6.46	7.88	7.9	2.464	82.8	2.5	0.6
258	8/22/2016 07:01:05	17.54	52.31	34.50	6.39	7.87	7.3	2.352	82.2	2.6	0.6
259	8/22/2016 07:16:05	17.47	52.55	34.68	6.11	7.86	7.9	2.230	78.6	2.6	0.6
260	8/22/2016 07:31:05	17.37	52.03	34.29	6.32	7.87	6.7	2.123	80.9	3.0	0.7
261	8/22/2016 07:46:05	17.37	52.08	34.33	6.47	7.88	8.1	2.008	83.0	2.9	0.7
262	8/22/2016 08:01:05	17.36	51.98	34.26	6.49	7.88	7.4	1.906	83.1	2.1	0.5
263	8/22/2016 08:16:05	17.38	52.34	34.52	6.41	7.87	7.8	1.820	82.3	2.7	0.6
264	8/22/2016 08:31:06	17.46	51.95	34.24	6.39	7.87	5.9	1.727	82.0	2.3	0.5
265	8/22/2016 08:46:05	17.61	51.91	34.21	6.40	7.87	6.0	1.669	82.3	2.8	0.7
266	8/22/2016 09:01:05	17.82	52.08	34.34	6.42	7.88	5.6	1.631	83.1	2.3	0.5
267	8/22/2016 09:16:05	17.87	51.96	34.25	6.28	7.88	4.7	1.621	81.2	2.2	0.5
268	8/22/2016 09:31:05	18.00	52.23	34.45	6.52	7.89	5.0	1.623	84.6	2.3	0.6
269	8/22/2016 09:46:05	18.43	52.31	34.51	6.60	7.91	5.4	1.668	86.4	3.1	0.7
270	8/22/2016 10:01:05	18.30	52.42	34.59	6.60	7.91	5.1	1.727	86.2	2.8	0.7
271	8/22/2016 10:16:05	18.47	52.28	34.48	6.62	7.91	5.7	1.797	86.8	3.0	0.7
272	8/22/2016 10:31:05	18.38	52.70	34.80	6.61	7.91	6.2	1.891	86.7	2.9	0.7
273	8/22/2016 10:46:05	18.20	52.43	34.59	6.63	7.90	6.8	1.980	86.5	2.4	0.6
274	8/22/2016 11:01:05	18.00	52.20	34.43	6.66	7.90	6.0	2.078	86.5	3.3	0.8
275	8/22/2016 11:16:05	17.85	52.47	34.62	6.67	7.90	6.1	2.167	86.4	2.3	0.6
276	8/22/2016 11:31:05	17.89	52.17	34.40	6.68	7.91	6.0	2.267	86.6	3.1	0.7
277	8/22/2016 11:46:05	17.91	52.07	34.33	6.65	7.91	6.2	2.366	86.2	3.3	0.8
278	8/22/2016 12:01:05	17.77	52.06	34.32	6.64	7.91	6.4	2.457	85.7	3.2	0.8
279	8/22/2016 12:16:05	17.53	52.18	34.40	6.71	7.91	6.5	2.551	86.3	2.7	0.6
280	8/22/2016 12:31:04	17.31	51.87	34.18	6.71	7.91	7.0	2.658	85.9	2.7	0.6
281	8/22/2016 12:46:05	17.03	51.90	34.20	6.69	7.90	7.8	2.746	85.1	2.3	0.5
282	8/22/2016 13:01:05	16.82	52.04	34.30	6.66	7.90	7.9	2.831	84.5	3.3	0.8
283	8/22/2016 13:16:05	16.63	51.76	34.09	6.76	7.91	8.5	2.938	85.3	2.3	0.6
284	8/22/2016 13:31:05	16.15	51.72	34.04	6.95	7.92	11.4	3.035	86.9	2.9	0.7
285	8/22/2016 13:46:05	15.70	51.82	34.11	7.18	7.93	9.2	3.135	88.9	3.6	0.8
286	8/22/2016 14:01:05	15.28	51.93	34.18	7.28	7.94	8.9	3.237	89.5	3.1	0.7
287	8/22/2016 14:16:05	14.58	51.56	33.89	7.45	7.96	7.9	3.340	90.2	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
288	8/22/2016 14:31:05	14.17	51.83	34.08	7.58	7.97	6.4	3.441	91.1	2.7	0.6
289	8/22/2016 14:46:05	13.86	51.43	33.78	7.67	7.98	4.9	3.526	91.5	2.5	0.6
290	8/22/2016 15:01:04	13.70	51.99	34.18	7.69	7.98	3.9	3.616	91.6	2.8	0.7
291	8/22/2016 15:16:04	13.36	51.72	33.97	7.77	7.99	2.5	3.686	91.9	2.5	0.6
292	8/22/2016 15:31:04	13.14	51.55	33.84	7.95	8.00	2.5	3.746	93.5	2.4	0.6
293	8/22/2016 15:46:05	13.01	51.40	33.72	8.02	8.00	1.8	3.791	94.0	2.4	0.6
294	8/22/2016 16:01:05	12.95	51.50	33.79	7.94	8.00	1.4	3.808	92.9	2.6	0.6
295	8/22/2016 16:16:05	13.09	51.29	33.64	7.88	7.99	2.5	3.810	92.4	2.7	0.6
296	8/22/2016 16:31:05	13.12	51.46	33.77	7.82	7.99	2.3	3.789	91.8	2.8	0.7
297	8/22/2016 16:46:04	13.10	51.59	33.87	7.86	7.99	2.9	3.738	92.3	2.5	0.6
298	8/22/2016 17:01:05	13.57	51.27	33.65	7.79	7.98	3.7	3.659	92.3	1.9	0.5
299	8/22/2016 17:16:05	13.87	51.32	33.70	7.88	7.99	6.2	3.565	94.0	2.7	0.6
300	8/22/2016 17:31:05	14.63	51.28	33.69	8.13	8.01	6.2	3.473	98.4	3.3	0.8
301	8/22/2016 17:46:05	14.56	51.90	34.14	8.18	8.01	6.8	3.357	99.1	2.9	0.7
302	8/22/2016 18:01:05	15.42	51.35	33.76	7.95	7.99	8.4	3.247	97.8	3.4	0.8
303	8/22/2016 18:16:05	15.84	51.58	33.94	7.83	7.98	11.1	3.135	97.3	3.5	0.8
304	8/22/2016 18:31:05	16.12	51.82	34.12	7.81	7.98	8.4	3.020	97.6	5.1	1.2
305	8/22/2016 18:46:05	16.18	52.06	34.30	7.74	7.98	7.6	2.919	96.9	3.2	0.8
306	8/22/2016 19:01:05	16.43	51.48	33.87	7.81	7.98	6.1	2.807	98.0	3.5	0.8
307	8/22/2016 19:16:05	16.90	51.51	33.90	8.00	7.99	7.5	2.691	101.4	3.6	0.8
308	8/22/2016 19:31:05	17.35	51.61	33.99	7.81	7.98	8.4	2.587	99.9	3.1	0.7
309	8/22/2016 19:46:05	17.59	51.54	33.94	7.74	7.98	8.3	2.479	99.4	3.0	0.7
310	8/22/2016 20:01:05	17.87	51.66	34.02	7.75	7.98	10.8	2.367	100.1	3.2	0.8
311	8/22/2016 20:16:05	17.93	51.57	33.96	7.60	7.97	8.6	2.248	98.3	3.8	0.9
312	8/22/2016 20:31:05	17.83	51.52	33.92	7.53	7.96	8.3	2.135	97.2	3.5	0.8
313	8/22/2016 20:46:05	17.82	51.94	34.23	7.40	7.96	8.0	2.042	95.6	3.3	0.8
314	8/22/2016 21:01:05	17.97	52.01	34.29	7.36	7.95	7.4	1.941	95.4	3.7	0.9
315	8/22/2016 21:16:05	17.82	51.71	34.07	7.27	7.95	7.4	1.849	93.9	3.4	0.8
316	8/22/2016 21:31:05	17.96	51.81	34.14	7.21	7.94	6.8	1.789	93.3	3.5	0.8
317	8/22/2016 21:46:05	18.07	51.72	34.07	7.08	7.94	6.1	1.758	91.8	3.1	0.7
318	8/22/2016 22:01:05	18.55	51.80	34.14	7.05	7.94	6.8	1.722	92.3	3.4	0.8
319	8/22/2016 22:16:05	18.68	52.15	34.39	6.68	7.92	4.5	1.710	87.8	3.0	0.7
320	8/22/2016 22:31:05	19.00	52.23	34.45	7.48	7.97	5.8	1.758	99.0	3.6	0.9
321	8/22/2016 22:46:05	18.82	52.36	34.55	7.44	7.96	5.7	1.795	98.1	3.4	0.8
322	8/22/2016 23:01:04	19.05	52.40	34.58	7.53	7.97	6.1	1.853	99.7	4.4	1.0
323	8/22/2016 23:16:05	18.85	52.03	34.30	7.48	7.96	6.2	1.935	98.6	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
324	8/22/2016 23:31:04	19.02	51.81	34.14	7.35	7.95	8.2	2.022	97.1	4.3	1.0
325	8/22/2016 23:46:05	19.08	51.92	34.22	7.30	7.95	9.4	2.109	96.5	4.7	1.1
326	8/23/2016 00:01:05	18.80	51.82	34.15	7.31	7.95	7.9	2.188	96.2	4.0	0.9
327	8/23/2016 00:16:05	18.70	51.94	34.24	7.32	7.95	7.1	2.285	96.1	3.7	0.9
328	8/23/2016 00:31:05	18.66	52.00	34.28	7.34	7.95	7.2	2.370	96.4	4.0	0.9
329	8/23/2016 00:46:05	18.08	51.90	34.20	7.33	7.95	6.3	2.436	95.2	4.2	1.0
330	8/23/2016 01:01:05	17.70	51.75	34.09	7.29	7.94	5.7	2.517	93.9	3.7	0.9
331	8/23/2016 01:16:05	17.47	52.11	34.35	7.29	7.94	5.0	2.598	93.6	3.3	0.8
332	8/23/2016 01:31:05	17.33	51.79	34.12	7.31	7.94	5.5	2.676	93.5	3.3	0.8
333	8/23/2016 01:46:05	17.11	51.60	33.97	7.29	7.94	5.2	2.752	92.8	3.2	0.8
334	8/23/2016 02:01:05	16.82	51.61	33.98	7.30	7.94	5.3	2.822	92.4	3.2	0.7
335	8/23/2016 02:16:05	16.61	51.53	33.92	7.31	7.94	5.3	2.909	92.1	3.9	0.9
336	8/23/2016 02:31:05	16.40	52.08	34.32	7.29	7.94	5.6	2.983	91.7	3.6	0.9
337	8/23/2016 02:46:05	16.15	51.80	34.11	7.33	7.94	5.7	3.059	91.7	2.7	0.6
338	8/23/2016 03:01:05	15.87	51.30	33.73	7.37	7.95	5.5	3.135	91.5	2.8	0.7
339	8/23/2016 03:16:05	15.33	51.32	33.74	7.47	7.95	5.0	3.213	91.7	3.4	0.8
340	8/23/2016 03:31:05	15.04	51.22	33.66	7.52	7.96	3.7	3.279	91.7	3.3	0.8
341	8/23/2016 03:46:05	14.84	51.26	33.68	7.52	7.96	3.2	3.319	91.4	2.6	0.6
342	8/23/2016 04:01:05	14.69	51.21	33.64	7.51	7.96	2.6	3.377	91.0	2.8	0.7
343	8/23/2016 04:16:05	14.58	51.03	33.50	7.52	7.96	2.7	3.416	90.8	2.8	0.7
344	8/23/2016 04:31:05	15.03	51.80	34.08	7.19	7.94	3.3	3.417	87.9	4.0	1.0
345	8/23/2016 04:46:05	14.48	51.43	33.79	7.34	7.95	2.5	3.395	88.6	2.4	0.6
346	8/23/2016 05:01:05	14.67	51.36	33.75	7.32	7.95	2.4	3.385	88.7	2.2	0.5
347	8/23/2016 05:16:05	15.48	51.59	33.94	7.04	7.92	3.6	3.336	86.7	3.2	0.8
348	8/23/2016 05:31:05	16.20	51.38	33.80	6.70	7.90	4.9	3.258	83.7	3.2	0.8
349	8/23/2016 05:46:05	16.10	51.52	33.90	6.75	7.90	5.9	3.174	84.2	3.5	0.8
350	8/23/2016 06:01:05	15.55	51.36	33.77	7.03	7.91	5.6	3.098	86.7	2.3	0.6
351	8/23/2016 06:16:05	15.88	51.35	33.77	7.03	7.91	6.5	3.009	87.3	2.8	0.7
352	8/23/2016 06:31:05	16.35	51.70	34.04	6.90	7.91	7.6	2.908	86.6	3.3	0.8
353	8/23/2016 06:46:05	16.56	51.42	33.83	6.66	7.89	6.5	2.816	83.8	2.3	0.5
354	8/23/2016 07:01:05	16.73	51.63	33.99	6.48	7.87	6.4	2.724	81.9	2.6	0.6
355	8/23/2016 07:16:05	16.89	51.55	33.93	6.39	7.87	6.9	2.643	81.0	2.5	0.6
356	8/23/2016 07:31:05	17.00	51.60	33.98	6.14	7.85	6.5	2.548	78.0	2.5	0.6
357	8/23/2016 07:46:05	17.11	51.93	34.22	6.22	7.85	7.2	2.449	79.3	2.4	0.6
358	8/23/2016 08:01:05	17.24	51.89	34.19	6.23	7.85	8.1	2.353	79.6	2.9	0.7
359	8/23/2016 08:16:05	17.38	51.57	33.96	6.31	7.86	6.0	2.271	80.8	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
360	8/23/2016 08:31:05	17.32	51.88	34.18	6.32	7.86	7.3	2.169	80.8	2.5	0.6
361	8/23/2016 08:46:05	17.41	51.89	34.19	6.39	7.87	5.1	2.078	81.9	2.7	0.6
362	8/23/2016 09:01:05	17.29	51.83	34.14	6.48	7.87	5.0	2.013	82.8	2.2	0.5
363	8/23/2016 09:16:05	17.44	52.02	34.29	6.54	7.88	4.4	1.945	83.9	2.4	0.6
364	8/23/2016 09:31:05	17.46	52.08	34.33	6.60	7.88	4.5	1.897	84.7	2.5	0.6
365	8/23/2016 09:46:05	17.62	52.12	34.36	6.62	7.89	4.2	1.859	85.3	2.9	0.7
366	8/23/2016 10:01:05	17.84	52.34	34.52	6.53	7.89	3.9	1.852	84.6	2.5	0.6
367	8/23/2016 10:16:05	18.06	51.83	34.15	6.61	7.90	4.5	1.870	85.7	2.7	0.6
368	8/23/2016 10:31:05	18.02	51.86	34.17	6.65	7.90	4.4	1.887	86.2	2.9	0.7
369	8/23/2016 10:46:05	17.93	52.11	34.36	6.60	7.90	4.7	1.922	85.5	3.2	0.8
370	8/23/2016 11:01:05	18.00	51.95	34.24	6.65	7.90	4.7	2.009	86.3	3.1	0.7
371	8/23/2016 11:16:05	18.06	52.12	34.37	6.65	7.90	5.1	2.084	86.4	3.1	0.7
372	8/23/2016 11:31:05	17.97	52.32	34.51	6.64	7.90	5.2	2.156	86.2	2.9	0.7
373	8/23/2016 11:46:05	17.83	52.16	34.40	6.56	7.90	5.9	2.244	84.8	3.2	0.8
374	8/23/2016 12:01:05	17.79	52.06	34.32	6.50	7.89	6.0	2.350	84.0	3.2	0.8
375	8/23/2016 12:16:05	17.64	51.62	33.99	6.69	7.90	5.2	2.424	86.0	2.7	0.6
376	8/23/2016 12:31:05	17.53	51.57	33.95	6.69	7.90	5.6	2.507	85.8	2.7	0.6
377	8/23/2016 12:46:05	17.31	52.01	34.28	6.67	7.90	5.3	2.596	85.4	2.7	0.6
378	8/23/2016 13:01:05	17.12	51.89	34.18	6.72	7.90	6.3	2.692	85.7	2.9	0.7
379	8/23/2016 13:16:05	16.97	51.55	33.93	6.73	7.90	5.6	2.769	85.4	2.3	0.5
380	8/23/2016 13:31:05	16.79	51.73	34.06	6.70	7.90	5.9	2.853	84.7	3.1	0.7
381	8/23/2016 13:46:05	16.51	51.66	34.01	6.69	7.90	6.1	2.949	84.1	2.9	0.7
382	8/23/2016 14:01:05	16.31	51.32	33.75	6.77	7.90	7.0	3.056	84.8	3.1	0.7
383	8/23/2016 14:16:05	16.08	51.40	33.81	6.92	7.91	6.8	3.131	86.2	3.3	0.8
384	8/23/2016 14:31:05	15.61	51.36	33.78	7.27	7.94	7.5	3.223	89.8	2.7	0.6
385	8/23/2016 14:46:05	15.21	51.36	33.76	7.46	7.95	8.1	3.320	91.4	3.2	0.8
386	8/23/2016 15:01:05	14.85	51.27	33.69	7.67	7.97	6.5	3.409	93.2	3.1	0.7
387	8/23/2016 15:16:05	14.50	51.45	33.81	7.90	7.98	5.6	3.493	95.4	3.6	0.8
388	8/23/2016 15:31:05	14.18	51.31	33.70	8.14	8.00	3.6	3.584	97.6	3.7	0.9
389	8/23/2016 15:46:05	13.94	50.86	33.36	8.36	8.02	4.3	3.672	99.6	3.5	0.8
390	8/23/2016 16:01:04	13.83	51.15	33.57	8.47	8.03	3.0	3.720	100.8	3.8	0.9
391	8/23/2016 16:16:05	13.79	51.32	33.69	8.54	8.03	2.8	3.769	101.7	3.7	0.9
392	8/23/2016 16:31:05	13.73	50.93	33.41	8.58	8.03	2.3	3.814	101.8	4.8	1.1
393	8/23/2016 16:46:05	13.68	51.04	33.49	8.51	8.03	2.0	3.834	100.9	2.5	0.6
394	8/23/2016 17:01:04	14.02	51.15	33.58	8.21	8.01	2.2	3.828	98.1	1.4	0.3
395	8/23/2016 17:16:05	13.74	51.05	33.50	8.39	8.02	2.1	3.803	99.6	2.9	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	Fluorescence %FS
396	8/23/2016 17:31:05	13.66	51.15	33.56	8.43	8.02	2.0	3.763	100.0	3.0	0.7
397	8/23/2016 17:46:05	14.47	50.94	33.43	8.39	8.02	2.9	3.696	101.1	3.0	0.7
398	8/23/2016 18:01:05	14.38	51.16	33.60	8.47	8.02	4.8	3.608	101.9	2.9	0.7
399	8/23/2016 18:16:05	14.69	51.00	33.49	8.52	8.02	6.3	3.516	103.2	3.4	0.8
400	8/23/2016 18:31:05	15.06	50.91	33.43	8.41	8.02	5.7	3.427	102.5	3.7	0.9
401	8/23/2016 18:46:05	15.46	51.17	33.63	8.24	8.00	8.1	3.311	101.3	3.1	0.7
402	8/23/2016 19:01:05	15.69	51.02	33.52	8.05	7.99	8.3	3.207	99.4	3.7	0.9
403	8/23/2016 19:16:05	15.87	51.34	33.76	7.97	7.98	7.1	3.100	98.9	3.2	0.8
404	8/23/2016 19:31:06	16.17	51.09	33.58	7.84	7.97	6.8	2.993	97.8	3.9	0.9
405	8/23/2016 19:46:05	16.54	51.28	33.73	7.74	7.96	7.9	2.895	97.3	3.8	0.9
406	8/23/2016 20:01:06	16.76	51.09	33.60	7.67	7.96	8.1	2.770	96.7	3.3	0.8
407	8/23/2016 20:16:05	17.18	51.20	33.68	7.55	7.95	7.8	2.671	96.1	3.5	0.8
408	8/23/2016 20:31:05	17.49	51.26	33.73	7.71	7.96	7.0	2.563	98.7	3.6	0.9
409	8/23/2016 20:46:05	17.60	51.41	33.84	7.52	7.95	7.5	2.463	96.5	3.4	0.8
410	8/23/2016 21:01:05	17.53	51.60	33.98	7.50	7.95	6.9	2.345	96.3	3.8	0.9
411	8/23/2016 21:16:05	17.47	51.32	33.77	7.40	7.94	7.2	2.233	94.8	3.7	0.9
412	8/23/2016 21:31:05	17.43	51.42	33.85	7.29	7.93	7.5	2.128	93.3	4.0	0.9
413	8/23/2016 21:46:05	17.45	51.52	33.92	7.24	7.92	6.6	2.022	92.7	3.4	0.8
414	8/23/2016 22:01:05	17.54	51.46	33.87	7.13	7.92	6.7	1.930	91.4	3.7	0.9
415	8/23/2016 22:16:05	17.77	51.97	34.25	7.05	7.92	6.4	1.839	91.0	3.5	0.8
416	8/23/2016 22:31:05	17.81	51.44	33.86	6.95	7.91	6.1	1.778	89.6	3.6	0.9
417	8/23/2016 22:46:05	18.13	51.86	34.18	6.98	7.92	5.4	1.748	90.7	4.2	1.0
418	8/23/2016 23:01:05	18.26	51.83	34.15	7.00	7.92	4.7	1.700	91.2	3.7	0.9
419	8/23/2016 23:16:04	18.66	52.04	34.31	7.06	7.92	4.0	1.702	92.8	3.7	0.9
420	8/23/2016 23:31:05	18.76	52.02	34.30	7.50	7.96	4.9	1.744	98.7	3.6	0.9
421	8/23/2016 23:46:05	18.64	51.98	34.27	7.44	7.95	4.8	1.769	97.7	4.2	1.0
422	8/24/2016 00:01:04	18.83	52.05	34.32	7.58	7.96	5.3	1.834	99.9	4.0	0.9
423	8/24/2016 00:16:05	18.66	52.11	34.36	7.50	7.95	5.8	1.896	98.6	3.5	0.8
424	8/24/2016 00:31:05	18.64	51.91	34.21	7.40	7.95	5.9	1.981	97.2	3.2	0.8
425	8/24/2016 00:46:05	18.83	51.67	34.04	7.21	7.93	7.9	2.068	94.9	4.4	1.0
426	8/24/2016 01:01:05	18.78	51.77	34.11	7.15	7.93	8.6	2.142	94.0	4.7	1.1
427	8/24/2016 01:16:05	18.52	51.49	33.91	7.23	7.93	6.3	2.211	94.5	3.9	0.9
428	8/24/2016 01:31:04	18.44	51.76	34.10	7.24	7.93	6.4	2.294	94.6	4.0	1.0
429	8/24/2016 01:46:05	18.44	51.83	34.15	7.36	7.93	5.8	2.362	96.2	4.2	1.0
430	8/24/2016 02:01:05	17.98	51.69	34.05	7.33	7.93	5.4	2.429	94.9	3.8	0.9
431	8/24/2016 02:16:05	17.68	51.58	33.97	7.28	7.92	5.4	2.498	93.7	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
432	8/24/2016 02:31:05	17.45	51.59	33.97	7.26	7.92	4.8	2.575	93.0	3.4	0.8
433	8/24/2016 02:46:05	17.32	51.49	33.89	7.26	7.92	5.1	2.648	92.7	3.4	0.8
434	8/24/2016 03:01:05	17.14	51.39	33.82	7.25	7.92	4.3	2.710	92.3	3.1	0.7
435	8/24/2016 03:16:05	16.86	51.26	33.72	7.29	7.93	4.4	2.783	92.2	3.4	0.8
436	8/24/2016 03:31:05	16.71	51.59	33.96	7.28	7.93	4.5	2.852	92.0	3.6	0.8
437	8/24/2016 03:46:05	16.58	51.16	33.64	7.34	7.93	4.7	2.913	92.3	4.4	1.0
438	8/24/2016 04:01:05	16.45	51.52	33.91	7.34	7.93	4.2	2.975	92.2	3.4	0.8
439	8/24/2016 04:16:05	16.23	51.03	33.54	7.42	7.94	4.2	3.040	92.7	3.4	0.8
440	8/24/2016 04:31:05	16.00	51.42	33.83	7.49	7.94	4.0	3.096	93.2	3.5	0.8
441	8/24/2016 04:46:05	15.78	51.21	33.67	7.59	7.95	3.7	3.139	94.0	3.2	0.7
442	8/24/2016 05:01:05	15.60	51.39	33.80	7.63	7.95	3.4	3.187	94.2	3.2	0.8
443	8/24/2016 05:16:05	15.44	51.08	33.56	7.70	7.96	3.4	3.227	94.7	3.5	0.8
444	8/24/2016 05:31:05	15.70	51.51	33.89	7.36	7.94	3.4	3.241	91.1	3.5	0.8
445	8/24/2016 05:46:05	16.00	51.73	34.06	6.97	7.91	3.6	3.244	86.9	2.8	0.7
446	8/24/2016 06:01:05	15.58	51.41	33.81	7.41	7.94	3.2	3.237	91.4	3.0	0.7
447	8/24/2016 06:16:05	15.68	51.31	33.74	7.44	7.94	3.2	3.213	92.0	2.7	0.6
448	8/24/2016 06:31:05	16.12	51.29	33.73	7.00	7.90	4.0	3.160	87.3	2.7	0.7
449	8/24/2016 06:46:05	16.64	51.49	33.89	6.52	7.87	5.6	3.086	82.2	3.3	0.8
450	8/24/2016 07:01:05	16.64	51.44	33.85	6.65	7.87	6.7	3.025	83.9	2.9	0.7
451	8/24/2016 07:16:05	16.46	51.39	33.81	6.81	7.89	6.2	2.954	85.5	2.8	0.7
452	8/24/2016 07:31:05	16.48	51.39	33.81	6.83	7.89	5.8	2.865	85.7	2.7	0.6
453	8/24/2016 07:46:05	16.62	51.19	33.67	6.81	7.88	5.8	2.771	85.7	3.2	0.8
454	8/24/2016 08:01:05	16.74	51.49	33.89	6.57	7.87	6.1	2.696	83.0	2.5	0.6
455	8/24/2016 08:16:05	16.91	51.38	33.81	6.46	7.86	5.5	2.639	81.8	2.7	0.6
456	8/24/2016 08:31:05	16.97	51.51	33.91	6.49	7.86	6.2	2.544	82.4	2.8	0.7
457	8/24/2016 08:46:05	17.03	51.60	33.97	6.48	7.86	6.0	2.470	82.4	2.9	0.7
458	8/24/2016 09:01:05	17.34	51.51	33.91	6.55	7.86	5.5	2.408	83.8	2.8	0.7
459	8/24/2016 09:16:05	17.41	51.50	33.90	6.54	7.86	5.0	2.345	83.7	2.2	0.5
460	8/24/2016 09:31:05	17.19	51.81	34.13	6.62	7.87	5.1	2.266	84.4	2.5	0.6
461	8/24/2016 09:46:05	17.29	51.46	33.88	6.66	7.87	5.1	2.196	85.0	2.4	0.6
462	8/24/2016 10:01:05	17.30	51.20	33.68	6.70	7.87	4.9	2.172	85.5	3.1	0.7
463	8/24/2016 10:16:05	17.40	51.48	33.89	6.74	7.88	4.5	2.116	86.2	2.7	0.6
464	8/24/2016 10:31:05	17.53	51.91	34.21	6.74	7.89	5.0	2.075	86.6	3.3	0.8
465	8/24/2016 10:46:05	17.63	51.51	33.91	6.48	7.87	3.9	2.074	83.3	2.7	0.6
466	8/24/2016 11:01:05	17.62	51.71	34.06	6.55	7.89	4.7	2.079	84.2	2.5	0.6
467	8/24/2016 11:16:05	17.70	52.27	34.48	6.75	7.89	4.3	2.084	87.2	2.7	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	Fluorescence %FS
468	8/24/2016 11:31:05	17.65	52.07	34.33	6.72	7.89	4.3	2.116	86.6	2.9	0.7
469	8/24/2016 11:46:05	17.70	52.03	34.30	6.69	7.89	4.8	2.171	86.3	3.1	0.7
470	8/24/2016 12:01:05	17.69	51.61	33.99	6.70	7.88	5.1	2.230	86.3	3.4	0.8
471	8/24/2016 12:16:05	17.66	51.84	34.15	6.67	7.88	5.0	2.301	85.8	2.8	0.7
472	8/24/2016 12:31:06	17.60	52.11	34.35	6.67	7.88	4.7	2.367	85.9	3.2	0.8
473	8/24/2016 12:46:05	17.45	51.71	34.06	6.56	7.87	5.7	2.444	84.1	3.4	0.8
474	8/24/2016 13:01:05	17.37	51.74	34.08	6.57	7.87	5.7	2.525	84.1	3.1	0.7
475	8/24/2016 13:16:05	17.14	51.80	34.13	6.76	7.88	5.0	2.599	86.2	3.6	0.8
476	8/24/2016 13:31:06	17.02	51.41	33.83	6.87	7.89	4.8	2.669	87.3	3.7	0.9
477	8/24/2016 13:46:05	16.95	51.46	33.87	6.92	7.89	4.6	2.745	87.8	3.2	0.8
478	8/24/2016 14:01:05	16.78	51.71	34.05	7.06	7.91	4.4	2.828	89.3	2.8	0.7
479	8/24/2016 14:16:05	16.64	51.69	34.04	7.07	7.91	5.3	2.901	89.1	3.2	0.8
480	8/24/2016 14:31:05	16.48	51.30	33.75	7.13	7.91	4.6	2.979	89.5	3.2	0.8
481	8/24/2016 14:46:05	16.25	51.87	34.16	7.25	7.92	4.9	3.071	90.9	3.2	0.8
482	8/24/2016 15:01:06	16.02	51.26	33.71	7.41	7.93	5.9	3.146	92.2	3.7	0.9
483	8/24/2016 15:16:05	15.81	51.40	33.81	7.61	7.94	7.0	3.235	94.4	3.4	0.8
484	8/24/2016 15:31:05	15.46	51.17	33.63	7.87	7.96	5.6	3.326	96.8	3.5	0.8
485	8/24/2016 15:46:05	15.03	51.05	33.53	8.15	7.99	6.4	3.408	99.4	3.7	0.9
486	8/24/2016 16:01:05	14.66	51.11	33.57	8.43	8.01	4.3	3.491	102.0	3.9	0.9
487	8/24/2016 16:16:05	14.45	51.08	33.54	8.58	8.02	4.5	3.570	103.3	3.9	0.9
488	8/24/2016 16:31:05	14.27	51.51	33.85	8.70	8.03	3.1	3.640	104.6	3.6	0.8
489	8/24/2016 16:46:05	14.09	50.81	33.33	8.85	8.04	2.6	3.695	105.8	3.3	0.8
490	8/24/2016 17:01:05	13.96	50.90	33.39	8.93	8.05	2.5	3.750	106.4	4.0	1.0
491	8/24/2016 17:16:05	13.88	50.99	33.45	8.98	8.06	2.0	3.791	106.9	3.8	0.9
492	8/24/2016 17:31:05	13.85	50.89	33.38	8.94	8.06	1.8	3.802	106.3	3.1	0.7
493	8/24/2016 17:46:05	14.05	50.88	33.38	8.67	8.04	1.9	3.801	103.5	2.7	0.6
494	8/24/2016 18:01:05	13.92	51.00	33.46	8.59	8.04	1.6	3.800	102.3	3.0	0.7
495	8/24/2016 18:16:05	13.92	50.84	33.34	8.73	8.04	1.5	3.756	103.9	2.8	0.7
496	8/24/2016 18:31:05	14.00	50.75	33.29	8.71	8.04	1.9	3.693	103.8	2.2	0.5
497	8/24/2016 18:46:05	14.69	50.80	33.34	8.81	8.04	6.1	3.630	106.5	2.8	0.7
498	8/24/2016 19:01:05	14.77	50.90	33.42	8.74	8.04	6.2	3.548	105.9	3.0	0.7
499	8/24/2016 19:16:05	14.93	51.04	33.53	8.65	8.03	4.2	3.458	105.3	2.9	0.7
500	8/24/2016 19:31:05	15.06	51.01	33.50	8.54	8.02	5.1	3.350	104.1	3.3	0.8
501	8/24/2016 19:46:05	15.53	50.90	33.44	8.34	8.00	7.7	3.259	102.6	4.0	1.0
502	8/24/2016 20:01:05	15.73	50.84	33.39	8.25	8.00	7.8	3.155	101.8	4.0	0.9
503	8/24/2016 20:16:05	15.86	50.87	33.42	8.16	7.99	5.8	3.056	101.0	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
504	8/24/2016 20:31:06	16.04	51.02	33.53	8.00	7.98	5.9	2.951	99.5	3.8	0.9
505	8/24/2016 20:46:05	16.33	51.05	33.56	7.80	7.96	5.9	2.846	97.6	4.2	1.0
506	8/24/2016 21:01:05	16.52	51.19	33.67	7.71	7.95	6.2	2.751	96.9	2.9	0.7
507	8/24/2016 21:16:04	16.92	51.17	33.65	7.54	7.94	6.7	2.643	95.5	4.1	1.0
508	8/24/2016 21:31:05	17.15	51.23	33.70	7.41	7.93	7.1	2.532	94.2	3.6	0.9
509	8/24/2016 21:46:05	17.31	51.25	33.72	7.47	7.94	6.2	2.437	95.3	4.0	0.9
510	8/24/2016 22:01:05	17.27	51.35	33.79	7.50	7.94	6.6	2.322	95.7	3.8	0.9
511	8/24/2016 22:16:05	17.28	51.47	33.88	7.32	7.93	6.3	2.211	93.4	3.1	0.7
512	8/24/2016 22:31:05	17.19	51.34	33.79	7.23	7.92	5.9	2.105	92.0	3.4	0.8
513	8/24/2016 22:46:05	17.23	51.51	33.91	7.21	7.92	5.7	2.006	91.9	3.4	0.8
514	8/24/2016 23:01:05	17.26	51.47	33.88	7.06	7.91	6.2	1.910	90.1	3.5	0.8
515	8/24/2016 23:16:05	17.36	51.41	33.84	7.00	7.90	5.1	1.823	89.4	3.2	0.8
516	8/24/2016 23:31:05	17.59	51.44	33.86	7.03	7.91	5.1	1.748	90.2	3.9	0.9
517	8/24/2016 23:46:05	17.69	51.52	33.92	7.01	7.91	5.0	1.710	90.2	3.9	0.9
518	8/25/2016 00:01:05	17.87	51.70	34.06	6.96	7.91	4.2	1.683	89.9	3.3	0.8
519	8/25/2016 00:16:05	17.99	51.35	33.80	7.07	7.91	3.4	1.661	91.4	3.2	0.8
520	8/25/2016 00:31:05	18.17	51.40	33.84	7.13	7.93	3.8	1.681	92.5	4.4	1.0
521	8/25/2016 00:46:05	18.13	51.70	34.06	7.33	7.93	3.4	1.732	95.2	3.8	0.9
522	8/25/2016 01:01:05	18.25	51.65	34.02	7.41	7.94	3.9	1.760	96.4	3.4	0.8
523	8/25/2016 01:16:05	18.22	51.74	34.09	7.44	7.95	3.7	1.824	96.7	4.0	0.9
524	8/25/2016 01:31:05	18.13	51.65	34.02	7.38	7.94	3.9	1.897	95.8	3.9	0.9
525	8/25/2016 01:46:05	18.24	51.63	34.01	7.31	7.93	4.8	1.959	95.1	4.1	1.0
526	8/25/2016 02:01:04	18.42	51.58	33.97	7.21	7.93	5.5	2.034	94.1	4.3	1.0
527	8/25/2016 02:16:05	18.25	51.81	34.14	7.17	7.92	5.1	2.085	93.4	3.7	0.9
528	8/25/2016 02:31:05	18.13	51.13	33.64	7.18	7.92	5.0	2.156	93.0	3.7	0.9
529	8/25/2016 02:46:05	18.05	51.44	33.86	7.15	7.92	4.7	2.244	92.6	3.8	0.9
530	8/25/2016 03:01:05	18.00	51.50	33.91	7.22	7.92	4.8	2.297	93.4	4.1	1.0
531	8/25/2016 03:16:05	17.68	51.05	33.57	7.20	7.92	4.5	2.362	92.5	3.4	0.8
532	8/25/2016 03:31:05	17.42	51.03	33.55	7.20	7.92	4.4	2.443	92.0	3.4	0.8
533	8/25/2016 03:46:05	17.17	51.19	33.67	7.17	7.91	6.7	2.512	91.1	3.4	0.8
534	8/25/2016 04:01:05	17.08	51.41	33.84	7.18	7.92	3.9	2.575	91.2	4.0	1.0
535	8/25/2016 04:16:05	16.96	51.49	33.89	7.18	7.92	3.9	2.640	91.0	3.3	0.8
536	8/25/2016 04:31:05	16.78	51.56	33.94	7.20	7.92	3.8	2.710	91.1	3.7	0.9
537	8/25/2016 04:46:05	16.57	51.50	33.90	7.26	7.92	3.8	2.778	91.4	3.0	0.7
538	8/25/2016 05:01:05	16.39	51.59	33.96	7.30	7.93	3.9	2.846	91.6	3.9	0.9
539	8/25/2016 05:16:05	16.33	51.27	33.72	7.31	7.93	3.7	2.900	91.5	3.6	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
540	8/25/2016 05:31:05	16.22	51.22	33.68	7.35	7.93	3.1	2.965	91.8	3.0	0.7
541	8/25/2016 05:46:05	15.96	50.97	33.49	7.48	7.94	3.2	3.023	92.9	3.2	0.8
542	8/25/2016 06:01:05	15.83	50.93	33.46	7.53	7.95	3.5	3.062	93.2	2.9	0.7
543	8/25/2016 06:16:05	15.65	51.02	33.53	7.60	7.95	3.1	3.121	93.7	3.4	0.8
544	8/25/2016 06:31:05	15.63	50.89	33.43	7.18	7.92	2.8	3.152	88.5	3.4	0.8
545	8/25/2016 06:46:05	15.65	51.05	33.54	7.01	7.90	2.8	3.169	86.5	3.5	0.8
546	8/25/2016 07:01:06	16.24	51.39	33.81	7.08	7.91	4.2	3.186	88.5	3.2	0.8
547	8/25/2016 07:16:05	15.80	51.30	33.73	7.33	7.92	3.1	3.181	90.9	1.8	0.4
548	8/25/2016 07:31:05	15.71	51.45	33.84	7.20	7.92	3.0	3.152	89.1	2.9	0.7
549	8/25/2016 07:46:05	15.99	51.13	33.61	7.03	7.91	3.9	3.127	87.4	3.4	0.8
550	8/25/2016 08:01:06	16.30	51.51	33.90	6.60	7.87	5.0	3.064	82.7	3.1	0.7
551	8/25/2016 08:16:05	16.23	51.41	33.82	6.87	7.89	4.7	3.002	85.8	2.7	0.7
552	8/25/2016 08:31:05	16.30	51.54	33.92	6.85	7.89	4.7	2.942	85.8	2.7	0.6
553	8/25/2016 08:46:06	16.35	51.17	33.65	6.94	7.89	4.5	2.858	86.9	2.5	0.6
554	8/25/2016 09:01:05	16.46	51.51	33.90	6.92	7.89	4.7	2.795	86.9	2.2	0.5
555	8/25/2016 09:16:05	16.51	51.29	33.74	6.87	7.89	4.9	2.733	86.3	2.4	0.6
556	8/25/2016 09:31:05	16.69	51.38	33.81	6.72	7.88	4.3	2.656	84.8	2.9	0.7
557	8/25/2016 09:46:05	16.78	51.49	33.89	6.68	7.87	4.0	2.601	84.4	2.7	0.6
558	8/25/2016 10:01:05	16.87	51.44	33.85	6.71	7.88	4.4	2.533	85.0	2.7	0.6
559	8/25/2016 10:16:05	16.88	51.47	33.88	6.72	7.88	4.0	2.472	85.1	2.3	0.6
560	8/25/2016 10:31:05	16.92	51.77	34.10	6.91	7.89	4.3	2.428	87.7	2.4	0.6
561	8/25/2016 10:46:05	17.12	51.67	34.02	6.68	7.88	5.0	2.376	85.1	2.5	0.6
562	8/25/2016 11:01:05	16.97	51.50	33.90	6.97	7.90	4.3	2.319	88.4	3.1	0.7
563	8/25/2016 11:16:05	17.04	51.47	33.88	7.22	7.91	3.7	2.294	91.7	2.8	0.7
564	8/25/2016 11:31:05	17.24	51.80	34.12	6.94	7.90	3.3	2.273	88.6	1.9	0.5
565	8/25/2016 11:46:05	17.32	51.35	33.79	6.79	7.89	2.8	2.241	86.7	1.9	0.5
566	8/25/2016 12:01:05	17.32	51.42	33.84	7.11	7.91	3.6	2.259	90.8	3.0	0.7
567	8/25/2016 12:16:05	17.24	51.62	33.99	7.13	7.91	3.5	2.265	90.9	2.8	0.7
568	8/25/2016 12:31:05	17.33	51.52	33.92	7.01	7.90	3.7	2.293	89.5	2.9	0.7
569	8/25/2016 12:46:05	17.37	51.71	34.06	6.90	7.90	3.9	2.338	88.3	3.6	0.9
570	8/25/2016 13:01:05	17.32	51.25	33.72	6.89	7.90	3.9	2.373	88.0	3.5	0.8
571	8/25/2016 13:16:06	17.27	51.69	34.04	6.90	7.90	4.3	2.435	88.1	3.5	0.8
572	8/25/2016 13:31:05	17.16	51.76	34.10	6.93	7.90	4.0	2.495	88.4	3.5	0.8
573	8/25/2016 13:46:05	17.01	51.43	33.85	6.96	7.90	4.2	2.560	88.4	3.4	0.8
574	8/25/2016 14:01:05	16.90	51.36	33.79	7.04	7.90	4.0	2.623	89.2	3.9	0.9
575	8/25/2016 14:16:05	16.74	51.44	33.85	7.22	7.92	3.8	2.693	91.2	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
576	8/25/2016 14:31:05	16.64	51.31	33.76	7.27	7.92	3.3	2.758	91.6	3.2	0.8
577	8/25/2016 14:46:05	16.49	51.49	33.88	7.21	7.92	3.5	2.832	90.6	2.8	0.7
578	8/25/2016 15:01:05	16.25	51.48	33.88	7.33	7.93	3.8	2.898	91.7	3.3	0.8
579	8/25/2016 15:16:05	16.19	51.09	33.58	7.37	7.93	3.1	2.964	91.9	3.5	0.8
580	8/25/2016 15:31:05	16.13	51.14	33.62	7.36	7.93	3.5	3.056	91.7	2.9	0.7
581	8/25/2016 15:46:05	15.92	51.17	33.64	7.54	7.95	3.6	3.121	93.6	3.3	0.8
582	8/25/2016 16:01:05	15.64	51.17	33.63	7.80	7.97	3.3	3.203	96.3	3.1	0.7
583	8/25/2016 16:16:05	15.38	51.04	33.53	7.96	7.98	3.9	3.279	97.6	3.6	0.9
584	8/25/2016 16:31:05	15.13	51.21	33.65	8.06	7.99	2.9	3.356	98.5	3.4	0.8
585	8/25/2016 16:46:05	14.72	51.00	33.49	8.34	8.01	2.9	3.440	101.0	2.6	0.6
586	8/25/2016 17:01:05	14.45	50.81	33.34	8.52	8.02	2.5	3.506	102.6	4.0	1.0
587	8/25/2016 17:16:05	14.20	50.73	33.27	8.69	8.04	2.5	3.575	104.0	3.1	0.7
588	8/25/2016 17:31:05	14.11	51.45	33.80	8.72	8.05	2.1	3.635	104.6	3.4	0.8
589	8/25/2016 17:46:05	13.95	50.93	33.41	8.85	8.05	3.3	3.695	105.4	2.9	0.7
590	8/25/2016 18:01:04	13.84	50.76	33.29	8.95	8.06	1.8	3.728	106.4	2.7	0.7
591	8/25/2016 18:16:05	13.80	50.81	33.32	8.91	8.06	1.8	3.757	105.7	2.7	0.7
592	8/25/2016 18:31:05	13.78	50.74	33.27	8.66	8.05	1.2	3.784	102.7	3.0	0.7
593	8/25/2016 18:46:05	14.06	50.56	33.15	8.60	8.04	2.0	3.784	102.6	2.6	0.6
594	8/25/2016 19:01:05	13.79	50.94	33.41	8.66	8.04	1.6	3.769	102.8	2.4	0.6
595	8/25/2016 19:16:05	13.81	50.67	33.22	8.76	8.05	1.6	3.740	104.0	2.0	0.5
596	8/25/2016 19:31:05	14.14	50.64	33.20	8.72	8.04	1.7	3.699	104.2	2.8	0.7
597	8/25/2016 19:46:05	14.69	50.91	33.42	8.59	8.04	2.6	3.646	103.9	2.1	0.5
598	8/25/2016 20:01:05	14.95	50.81	33.36	8.52	8.03	3.7	3.563	103.6	2.8	0.7
599	8/25/2016 20:16:05	14.62	50.92	33.43	8.49	8.03	4.8	3.478	102.6	3.6	0.8
600	8/25/2016 20:31:05	14.67	50.72	33.28	8.42	8.02	3.8	3.399	101.8	3.5	0.8
601	8/25/2016 20:46:05	15.05	50.83	33.37	8.38	8.01	6.2	3.304	102.0	3.4	0.8
602	8/25/2016 21:01:05	15.47	51.14	33.61	8.26	8.01	5.6	3.202	101.6	3.5	0.8
603	8/25/2016 21:16:05	15.72	50.78	33.35	8.29	8.01	5.6	3.100	102.3	3.4	0.8
604	8/25/2016 21:31:05	15.88	50.82	33.38	8.17	7.99	5.7	3.005	101.1	3.4	0.8
605	8/25/2016 21:46:05	15.95	51.00	33.51	8.09	7.99	4.9	2.909	100.4	4.0	0.9
606	8/25/2016 22:01:05	16.11	50.94	33.48	7.96	7.98	5.1	2.811	99.1	3.8	0.9
607	8/25/2016 22:16:05	16.56	51.08	33.59	7.93	7.97	5.0	2.693	99.6	2.8	0.7
608	8/25/2016 22:31:05	16.87	51.14	33.64	7.87	7.97	5.8	2.598	99.5	3.2	0.8
609	8/25/2016 22:46:05	17.17	51.53	33.92	7.73	7.96	5.1	2.492	98.5	3.6	0.9
610	8/25/2016 23:01:05	17.29	51.18	33.67	7.57	7.94	6.8	2.378	96.5	4.0	0.9
611	8/25/2016 23:16:05	17.33	51.27	33.74	7.56	7.95	5.9	2.269	96.5	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
612	8/25/2016 23:31:05	17.32	51.37	33.81	7.52	7.94	5.7	2.158	96.0	3.4	0.8
613	8/25/2016 23:46:06	17.22	51.39	33.82	7.47	7.94	5.6	2.056	95.2	3.6	0.9
614	8/26/2016 00:01:05	17.40	51.18	33.67	7.50	7.94	5.8	1.949	95.8	3.0	0.7
615	8/26/2016 00:16:05	17.42	51.10	33.61	7.39	7.93	5.1	1.858	94.4	3.4	0.8
616	8/26/2016 00:31:05	17.45	51.19	33.67	7.28	7.93	5.0	1.771	93.0	3.5	0.8
617	8/26/2016 00:46:06	17.60	51.28	33.74	7.25	7.92	4.9	1.717	93.1	2.9	0.7
618	8/26/2016 01:01:06	17.65	51.43	33.85	7.18	7.92	5.1	1.667	92.2	3.6	0.8
619	8/26/2016 01:16:05	17.79	51.48	33.90	7.16	7.92	4.7	1.619	92.2	3.8	0.9
620	8/26/2016 01:31:05	18.21	51.35	33.80	7.56	7.95	4.4	1.631	98.2	3.7	0.9
621	8/26/2016 01:46:05	18.27	52.01	34.29	7.68	7.96	3.5	1.635	100.1	3.7	0.9
622	8/26/2016 02:01:05	18.36	51.72	34.07	7.73	7.97	3.2	1.658	100.8	3.7	0.9
623	8/26/2016 02:16:05	18.28	51.38	33.82	7.72	7.96	3.6	1.709	100.4	3.6	0.9
624	8/26/2016 02:31:05	18.47	51.50	33.91	7.87	7.98	3.4	1.765	102.8	3.1	0.7
625	8/26/2016 02:46:05	18.31	51.38	33.82	7.77	7.97	3.4	1.837	101.1	3.4	0.8
626	8/26/2016 03:01:05	18.38	51.60	33.98	7.64	7.96	5.4	1.913	99.6	3.6	0.9
627	8/26/2016 03:16:05	18.50	51.35	33.80	7.41	7.94	5.6	1.976	96.8	4.2	1.0
628	8/26/2016 03:31:05	18.52	51.35	33.80	7.32	7.93	5.4	2.057	95.6	3.9	0.9
629	8/26/2016 03:46:05	18.14	51.57	33.96	7.40	7.94	4.3	2.124	96.1	3.4	0.8
630	8/26/2016 04:01:05	18.04	51.68	34.04	7.39	7.94	4.2	2.197	95.7	3.9	0.9
631	8/26/2016 04:16:05	18.04	51.31	33.77	7.42	7.94	4.3	2.261	96.0	3.1	0.7
632	8/26/2016 04:31:05	17.72	51.43	33.85	7.40	7.94	3.6	2.329	95.2	3.4	0.8
633	8/26/2016 04:46:05	17.41	51.34	33.78	7.36	7.93	3.9	2.406	94.1	3.7	0.9
634	8/26/2016 05:01:06	17.21	51.26	33.72	7.33	7.93	3.9	2.496	93.3	3.2	0.8
635	8/26/2016 05:16:06	17.07	51.36	33.80	7.29	7.93	3.5	2.538	92.7	3.1	0.7
636	8/26/2016 05:31:05	16.97	51.60	33.97	7.28	7.92	4.0	2.612	92.5	3.2	0.8
637	8/26/2016 05:46:05	16.78	51.31	33.76	7.28	7.93	4.1	2.698	92.0	3.8	0.9
638	8/26/2016 06:01:05	16.55	51.45	33.85	7.31	7.93	3.5	2.750	92.0	3.2	0.8
639	8/26/2016 06:16:05	16.39	51.37	33.79	7.34	7.93	3.4	2.813	92.1	3.4	0.8
640	8/26/2016 06:31:05	16.32	51.05	33.56	7.38	7.94	3.5	2.890	92.3	3.4	0.8
641	8/26/2016 06:46:06	16.19	50.98	33.51	7.41	7.94	4.2	2.950	92.3	3.4	0.8
642	8/26/2016 07:01:05	15.98	51.50	33.89	7.47	7.94	3.4	3.004	93.0	2.9	0.7
643	8/26/2016 07:16:05	15.76	51.41	33.82	7.54	7.95	3.0	3.058	93.4	3.0	0.7
644	8/26/2016 07:31:05	15.61	51.01	33.51	7.62	7.95	3.6	3.117	93.9	2.6	0.6
645	8/26/2016 07:46:06	15.45	51.40	33.80	7.64	7.96	2.8	3.151	94.0	2.7	0.6
646	8/26/2016 08:01:05	16.38	50.34	33.04	7.37	7.93	4.8	3.185	91.9	2.8	0.7
647	8/26/2016 08:16:05	16.12	51.06	33.56	7.23	7.92	4.2	3.205	90.1	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
648	8/26/2016 08:31:05	15.53	50.90	33.44	7.39	7.94	3.4	3.206	91.0	2.3	0.5
649	8/26/2016 08:46:05	15.60	51.14	33.61	7.30	7.94	2.4	3.190	90.0	2.0	0.5
650	8/26/2016 09:01:05	15.84	51.15	33.62	7.13	7.92	3.2	3.156	88.3	2.1	0.5
651	8/26/2016 09:16:05	16.13	51.35	33.77	6.73	7.88	4.5	3.113	83.9	2.5	0.6
652	8/26/2016 09:31:05	16.11	51.41	33.82	7.07	7.91	4.5	3.058	88.1	2.3	0.5
653	8/26/2016 09:46:06	16.12	51.44	33.84	7.23	7.92	4.5	2.996	90.3	2.6	0.6
654	8/26/2016 10:01:05	16.14	51.38	33.80	7.37	7.93	4.1	2.937	92.0	2.4	0.6
655	8/26/2016 10:16:06	16.21	51.04	33.55	7.36	7.93	4.0	2.869	91.9	2.2	0.5
656	8/26/2016 10:31:06	16.44	51.04	33.56	7.35	7.93	3.6	2.804	92.1	2.7	0.6
657	8/26/2016 10:46:06	16.49	51.42	33.83	7.37	7.93	4.2	2.737	92.6	2.5	0.6
658	8/26/2016 11:01:05	16.69	51.35	33.78	7.33	7.92	3.6	2.684	92.5	2.9	0.7
659	8/26/2016 11:16:05	16.82	51.32	33.76	7.01	7.90	3.6	2.634	88.7	2.9	0.7
660	8/26/2016 11:31:05	16.91	51.52	33.92	7.26	7.92	3.2	2.579	92.0	2.7	0.6
661	8/26/2016 11:46:06	17.02	51.57	33.95	7.21	7.91	3.8	2.524	91.6	2.9	0.7
662	8/26/2016 12:01:05	17.14	51.61	33.98	7.22	7.91	3.2	2.499	92.0	2.3	0.6
663	8/26/2016 12:16:05	17.16	51.64	34.00	7.19	7.92	3.6	2.453	91.6	2.4	0.6
664	8/26/2016 12:31:05	17.26	51.73	34.07	7.00	7.90	3.1	2.414	89.4	2.4	0.6
665	8/26/2016 12:46:05	17.27	51.94	34.22	6.99	7.90	2.8	2.404	89.4	1.9	0.4
666	8/26/2016 13:01:05	17.30	51.76	34.10	7.02	7.90	2.8	2.383	89.7	1.4	0.3
667	8/26/2016 13:16:05	17.08	51.52	33.92	8.02	7.96	4.0	2.394	102.0	2.7	0.6
668	8/26/2016 13:31:05	17.37	51.32	33.77	7.67	7.94	3.2	2.394	98.0	3.6	0.9
669	8/26/2016 13:46:05	17.29	51.35	33.79	7.55	7.93	3.9	2.418	96.4	3.4	0.8
670	8/26/2016 14:01:05	17.44	51.69	34.04	7.35	7.92	3.6	2.448	94.1	3.6	0.8
671	8/26/2016 14:16:05	17.48	51.63	34.00	7.33	7.92	3.7	2.483	94.0	3.8	0.9
672	8/26/2016 14:31:05	17.34	51.92	34.21	7.32	7.92	3.7	2.532	93.7	3.5	0.8
673	8/26/2016 14:46:05	17.19	51.41	33.84	7.32	7.92	4.2	2.589	93.3	3.9	0.9
674	8/26/2016 15:01:05	16.96	51.41	33.83	7.58	7.94	3.5	2.654	96.2	3.1	0.7
675	8/26/2016 15:16:05	16.80	51.31	33.76	7.63	7.94	4.5	2.711	96.4	3.5	0.8
676	8/26/2016 15:31:05	16.66	51.55	33.93	7.69	7.95	3.1	2.779	97.0	3.9	0.9
677	8/26/2016 15:46:06	16.66	51.39	33.82	7.61	7.94	3.2	2.850	95.9	3.8	0.9
678	8/26/2016 16:01:05	16.47	51.11	33.61	7.57	7.94	2.8	2.910	94.9	2.8	0.7
679	8/26/2016 16:16:05	16.14	51.04	33.55	7.68	7.95	3.2	2.982	95.7	3.0	0.7
680	8/26/2016 16:31:05	16.00	51.27	33.71	7.66	7.95	3.2	3.054	95.2	3.4	0.8
681	8/26/2016 16:46:05	15.88	51.17	33.64	7.71	7.96	3.1	3.129	95.7	3.3	0.8
682	8/26/2016 17:01:05	15.75	51.02	33.52	7.86	7.97	3.6	3.202	97.2	3.5	0.8
683	8/26/2016 17:16:05	15.52	51.07	33.56	7.98	7.98	2.6	3.277	98.2	3.2	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	Fluorescence %FS
684	8/26/2016 17:31:05	15.26	51.11	33.58	8.11	7.99	3.4	3.359	99.3	4.2	1.0
685	8/26/2016 17:46:05	15.03	50.94	33.45	8.26	8.00	2.6	3.427	100.6	3.1	0.7
686	8/26/2016 18:01:05	14.70	50.88	33.40	8.42	8.01	2.5	3.498	101.9	3.1	0.7
687	8/26/2016 18:16:05	14.39	50.99	33.47	8.66	8.03	2.0	3.565	104.2	2.6	0.6
688	8/26/2016 18:31:05	14.24	51.25	33.65	8.81	8.05	2.5	3.632	105.7	3.1	0.7
689	8/26/2016 18:46:05	14.16	50.87	33.38	8.90	8.06	2.3	3.680	106.4	2.6	0.6
690	8/26/2016 19:01:05	14.09	51.06	33.51	8.90	8.06	1.8	3.726	106.4	3.2	0.8
691	8/26/2016 19:16:05	14.00	50.84	33.35	8.93	8.06	1.8	3.770	106.5	2.7	0.6
692	8/26/2016 19:31:05	13.88	50.98	33.45	9.05	8.07	1.7	3.788	107.7	3.0	0.7
693	8/26/2016 19:46:05	14.41	50.73	33.28	8.75	8.05	2.1	3.795	105.1	3.8	0.9
694	8/26/2016 20:01:05	13.98	51.00	33.47	8.68	8.05	2.1	3.787	103.5	1.9	0.5
695	8/26/2016 20:16:05	13.99	50.91	33.40	8.81	8.05	2.0	3.771	105.0	2.0	0.5
696	8/26/2016 20:31:05	13.99	51.00	33.46	8.79	8.06	1.8	3.724	104.9	2.1	0.5
697	8/26/2016 20:46:06	14.64	50.64	33.22	8.59	8.04	2.6	3.664	103.7	2.2	0.5
698	8/26/2016 21:01:05	14.67	50.85	33.37	8.26	8.01	3.4	3.599	99.9	3.5	0.8
699	8/26/2016 21:16:05	14.51	50.74	33.29	8.20	8.00	3.3	3.523	98.8	3.6	0.9
700	8/26/2016 21:31:05	14.66	50.81	33.34	8.25	8.01	4.5	3.434	99.7	3.1	0.7
701	8/26/2016 21:46:05	15.33	50.89	33.42	8.43	8.01	5.1	3.339	103.3	3.4	0.8
702	8/26/2016 22:01:05	15.50	51.01	33.52	8.36	8.01	4.3	3.242	102.8	3.0	0.7
703	8/26/2016 22:16:05	15.57	50.92	33.45	8.25	8.00	5.0	3.145	101.5	3.7	0.9
704	8/26/2016 22:31:05	15.74	50.89	33.43	8.12	7.99	5.4	3.052	100.3	3.8	0.9
705	8/26/2016 22:46:05	15.85	50.87	33.42	7.95	7.98	4.7	2.940	98.4	3.6	0.9
706	8/26/2016 23:01:05	16.04	51.01	33.52	8.00	7.98	5.4	2.832	99.4	3.5	0.8
707	8/26/2016 23:16:05	16.57	51.07	33.58	7.70	7.96	3.9	2.742	96.8	3.2	0.8
708	8/26/2016 23:31:05	16.90	51.04	33.56	7.80	7.96	5.3	2.616	98.6	3.2	0.8
709	8/26/2016 23:46:05	17.07	51.10	33.61	7.78	7.96	5.7	2.510	98.7	3.4	0.8
710	8/27/2016 00:01:06	16.97	51.32	33.77	7.53	7.95	5.4	2.395	95.4	3.3	0.8
711	8/27/2016 00:16:05	16.91	51.16	33.65	7.41	7.94	4.9	2.278	93.8	3.3	0.8
712	8/27/2016 00:31:05	16.91	51.24	33.71	7.40	7.93	5.1	2.172	93.6	3.2	0.8
713	8/27/2016 00:46:05	17.12	51.20	33.68	7.48	7.94	6.2	2.039	95.1	3.2	0.8
714	8/27/2016 01:01:05	17.25	51.13	33.63	7.56	7.95	5.2	1.930	96.3	3.6	0.9
715	8/27/2016 01:16:05	17.25	51.47	33.88	7.42	7.94	4.3	1.832	94.6	3.7	0.9
716	8/27/2016 01:31:05	17.40	51.27	33.74	7.40	7.94	4.5	1.725	94.6	3.4	0.8
717	8/27/2016 01:46:05	17.50	51.28	33.74	7.38	7.94	4.0	1.651	94.6	3.9	0.9
718	8/27/2016 02:01:06	17.55	51.22	33.70	7.30	7.93	4.0	1.574	93.5	3.1	0.7
719	8/27/2016 02:16:05	17.73	51.55	33.94	7.30	7.93	4.2	1.532	94.0	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
720	8/27/2016 02:31:05	17.94	51.58	33.97	7.38	7.94	3.8	1.538	95.4	3.4	0.8
721	8/27/2016 02:46:05	17.96	51.80	34.13	7.19	7.94	3.5	1.528	93.1	3.6	0.9
722	8/27/2016 03:01:05	17.97	51.50	33.91	7.56	7.96	3.9	1.548	97.8	3.5	0.8
723	8/27/2016 03:16:05	17.92	51.59	33.97	7.62	7.96	3.9	1.596	98.5	3.4	0.8
724	8/27/2016 03:31:05	18.36	51.85	34.17	7.92	7.99	4.8	1.669	103.4	4.0	0.9
725	8/27/2016 03:46:05	18.34	52.18	34.41	7.95	7.99	4.0	1.723	103.9	3.4	0.8
726	8/27/2016 04:01:05	18.18	51.59	33.98	7.86	7.98	3.7	1.787	102.1	3.5	0.8
727	8/27/2016 04:16:05	18.14	51.60	33.98	7.82	7.97	4.5	1.884	101.5	3.6	0.8
728	8/27/2016 04:31:05	18.13	51.60	33.98	7.70	7.97	4.7	1.937	99.9	3.7	0.9
729	8/27/2016 04:46:05	17.89	51.47	33.89	7.63	7.96	4.0	2.007	98.5	3.5	0.8
730	8/27/2016 05:01:05	17.90	51.77	34.10	7.55	7.95	4.3	2.093	97.6	3.6	0.8
731	8/27/2016 05:16:05	17.90	51.56	33.95	7.56	7.95	4.2	2.170	97.7	3.7	0.9
732	8/27/2016 05:31:05	17.85	51.51	33.92	7.54	7.95	4.3	2.247	97.3	3.7	0.9
733	8/27/2016 05:46:05	17.66	51.52	33.92	7.49	7.94	4.2	2.324	96.2	3.4	0.8
734	8/27/2016 06:01:05	17.44	51.57	33.96	7.43	7.94	3.9	2.401	95.1	3.7	0.9
735	8/27/2016 06:16:05	17.31	51.26	33.72	7.40	7.94	4.2	2.492	94.4	3.6	0.8
736	8/27/2016 06:31:05	17.21	51.44	33.85	7.37	7.94	4.8	2.556	93.9	3.4	0.8
737	8/27/2016 06:46:05	17.05	51.42	33.84	7.32	7.93	4.2	2.639	93.0	3.4	0.8
738	8/27/2016 07:01:05	16.88	51.50	33.89	7.27	7.93	4.2	2.700	92.1	3.1	0.7
739	8/27/2016 07:16:05	16.72	51.46	33.87	7.26	7.93	4.2	2.780	91.7	3.1	0.7
740	8/27/2016 07:31:05	16.56	51.60	33.97	7.30	7.94	4.9	2.849	91.9	2.9	0.7
741	8/27/2016 07:46:06	16.46	51.67	34.02	7.28	7.94	4.2	2.917	91.6	3.6	0.8
742	8/27/2016 08:01:05	16.21	51.62	33.98	7.35	7.94	4.2	2.980	92.0	2.9	0.7
743	8/27/2016 08:16:06	15.89	51.21	33.67	7.49	7.95	4.5	3.039	93.0	2.8	0.7
744	8/27/2016 08:31:05	15.71	51.24	33.69	7.58	7.96	3.4	3.101	93.8	3.1	0.7
745	8/27/2016 08:46:05	15.53	51.27	33.70	7.63	7.96	3.2	3.148	94.0	2.5	0.6
746	8/27/2016 09:01:05	15.39	51.26	33.69	7.63	7.96	3.1	3.181	93.7	3.0	0.7
747	8/27/2016 09:16:05	15.39	51.12	33.59	7.62	7.96	2.6	3.222	93.6	2.6	0.6
748	8/27/2016 09:31:05	16.01	51.13	33.61	7.43	7.95	3.1	3.238	92.4	2.9	0.7
749	8/27/2016 09:46:05	15.45	51.47	33.85	7.35	7.95	2.8	3.234	90.5	3.0	0.7
750	8/27/2016 10:01:05	15.38	50.88	33.42	7.42	7.95	2.8	3.226	91.0	2.1	0.5
751	8/27/2016 10:16:05	15.54	51.06	33.55	7.36	7.94	2.9	3.197	90.6	2.5	0.6
752	8/27/2016 10:31:05	15.74	51.20	33.66	7.43	7.94	3.7	3.145	91.9	2.0	0.5
753	8/27/2016 10:46:05	16.09	51.76	34.07	7.48	7.94	3.4	3.092	93.3	2.6	0.6
754	8/27/2016 11:01:05	16.21	51.59	33.95	7.58	7.95	3.2	3.036	94.8	2.3	0.5
755	8/27/2016 11:16:05	16.13	51.68	34.02	7.77	7.96	4.3	2.960	97.1	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
756	8/27/2016 11:31:05	16.26	51.55	33.92	7.70	7.95	3.6	2.905	96.4	2.4	0.6
757	8/27/2016 11:46:05	16.41	51.64	34.00	7.57	7.95	3.4	2.834	95.1	2.5	0.6
758	8/27/2016 12:01:06	16.62	51.39	33.81	7.68	7.96	4.3	2.763	96.8	3.0	0.7
759	8/27/2016 12:16:05	16.77	51.46	33.87	7.49	7.94	4.1	2.718	94.6	2.2	0.5
760	8/27/2016 12:31:05	16.96	51.54	33.93	7.38	7.93	3.9	2.648	93.6	2.8	0.7
761	8/27/2016 12:46:05	17.02	51.78	34.11	7.47	7.94	3.9	2.588	95.0	2.5	0.6
762	8/27/2016 13:01:05	17.21	51.68	34.03	7.34	7.93	3.7	2.548	93.6	2.8	0.7
763	8/27/2016 13:16:05	17.30	51.73	34.07	7.36	7.93	3.9	2.495	94.1	2.6	0.6
764	8/27/2016 13:31:05	17.39	51.63	34.00	7.36	7.93	3.4	2.454	94.2	2.4	0.6
765	8/27/2016 13:46:05	17.45	51.73	34.07	7.42	7.93	2.9	2.423	95.1	2.6	0.6
766	8/27/2016 14:01:06	17.47	51.37	33.81	7.12	7.92	3.2	2.396	91.2	2.2	0.5
767	8/27/2016 14:16:05	17.57	51.70	34.05	7.40	7.93	2.9	2.381	95.0	2.4	0.6
768	8/27/2016 14:31:05	17.28	51.41	33.84	8.06	7.97	3.1	2.377	102.8	2.6	0.6
769	8/27/2016 14:46:06	17.42	51.43	33.85	7.87	7.96	3.4	2.377	100.7	3.7	0.9
770	8/27/2016 15:01:05	17.44	51.39	33.82	7.89	7.96	4.0	2.403	100.9	4.2	1.0
771	8/27/2016 15:16:05	17.44	51.29	33.75	7.76	7.96	3.4	2.435	99.3	3.7	0.9
772	8/27/2016 15:31:05	17.56	51.41	33.84	7.65	7.95	3.6	2.465	98.2	3.8	0.9
773	8/27/2016 15:46:06	17.45	51.50	33.90	7.62	7.95	3.4	2.513	97.5	3.9	0.9
774	8/27/2016 16:01:05	17.30	51.55	33.94	7.62	7.95	4.0	2.583	97.3	3.9	0.9
775	8/27/2016 16:16:05	17.10	51.62	33.99	7.71	7.95	3.6	2.628	98.1	3.4	0.8
776	8/27/2016 16:31:06	16.88	51.42	33.84	7.88	7.96	4.0	2.699	99.8	3.3	0.8
777	8/27/2016 16:46:05	16.69	51.33	33.77	8.08	7.98	3.9	2.769	101.9	3.3	0.8
778	8/27/2016 17:01:06	16.62	51.43	33.84	8.02	7.98	3.7	2.833	101.0	3.3	0.8
779	8/27/2016 17:16:05	16.59	51.06	33.57	7.89	7.97	3.7	2.909	99.2	3.3	0.8
780	8/27/2016 17:31:05	16.34	51.51	33.90	7.81	7.96	3.1	2.980	97.8	3.1	0.7
781	8/27/2016 17:46:06	16.16	51.45	33.85	7.78	7.97	3.1	3.056	97.1	3.1	0.7
782	8/27/2016 18:01:05	15.97	51.35	33.77	7.84	7.97	3.5	3.134	97.4	4.0	0.9
783	8/27/2016 18:16:05	15.80	51.48	33.87	7.86	7.97	3.4	3.214	97.4	3.8	0.9
784	8/27/2016 18:31:05	15.61	51.59	33.94	7.91	7.97	3.2	3.287	97.7	3.4	0.8
785	8/27/2016 18:46:05	15.38	50.93	33.45	7.98	7.98	3.8	3.372	97.9	3.8	0.9
786	8/27/2016 19:01:06	15.26	50.99	33.49	8.03	7.99	3.2	3.452	98.3	3.4	0.8
787	8/27/2016 19:16:05	14.95	50.90	33.42	8.26	8.00	3.5	3.526	100.5	3.4	0.8
788	8/27/2016 19:31:05	14.71	50.93	33.44	8.47	8.02	2.8	3.598	102.5	2.8	0.7
789	8/27/2016 19:46:05	14.57	50.88	33.40	8.57	8.03	3.1	3.661	103.5	2.7	0.7
790	8/27/2016 20:01:05	14.41	50.71	33.27	8.71	8.04	2.1	3.722	104.7	3.1	0.7
791	8/27/2016 20:16:06	14.30	50.62	33.20	8.75	8.04	2.2	3.766	104.9	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
792	8/27/2016 20:31:05	14.25	50.73	33.27	8.76	8.04	1.9	3.797	104.9	3.1	0.7
793	8/27/2016 20:46:05	14.24	50.67	33.23	8.61	8.04	1.8	3.821	103.1	2.1	0.5
794	8/27/2016 21:01:05	14.53	51.14	33.59	8.44	8.03	2.1	3.825	101.9	2.9	0.7
795	8/27/2016 21:16:05	14.19	50.84	33.35	8.48	8.03	2.1	3.807	101.5	1.9	0.5
796	8/27/2016 21:31:05	14.27	50.82	33.34	8.56	8.03	1.8	3.776	102.6	1.8	0.4
797	8/27/2016 21:46:05	14.62	51.11	33.57	8.48	8.03	2.6	3.719	102.5	2.4	0.6
798	8/27/2016 22:01:05	14.71	50.82	33.35	8.26	8.01	5.5	3.650	99.9	3.1	0.7
799	8/27/2016 22:16:05	14.78	50.85	33.38	8.10	8.00	4.0	3.574	98.2	2.8	0.7
800	8/27/2016 22:31:05	14.85	50.65	33.24	8.03	7.99	4.5	3.480	97.3	3.2	0.8
801	8/27/2016 22:46:05	15.30			8.46	8.01	6.5	3.393	101.1	3.7	0.9
802	8/27/2016 23:01:05	15.39			8.34	8.00	9.6	3.276	100.8	3.4	0.8
803	8/27/2016 23:16:05	15.51	50.76	33.33	8.12	7.99	5.0	3.173	99.8	3.1	0.7
804	8/27/2016 23:31:05	15.65	50.88	33.42	7.97	7.98	5.8	3.065	98.3	3.5	0.8
805	8/27/2016 23:46:05	15.95	50.60	33.22	7.75	7.97	6.6	2.955	96.0	2.9	0.7
806	8/28/2016 00:01:05	16.11	50.73	33.32	7.75	7.96	5.0	2.852	96.4	3.1	0.7
807	8/28/2016 00:16:05	16.55	50.97	33.50	7.53	7.95	5.8	2.737	94.6	3.7	0.9
808	8/28/2016 00:31:05	16.88	50.74	33.34	7.50	7.95	6.1	2.615	94.7	4.0	1.0
809	8/28/2016 00:46:05	17.07	50.97	33.51	7.48	7.94	7.0	2.499	94.9	3.8	0.9
810	8/28/2016 01:01:05	17.08	51.10	33.60	7.43	7.94	5.8	2.388	94.3	4.0	0.9
811	8/28/2016 01:16:05	17.05	51.00	33.53	7.39	7.94	5.1	2.267	93.7	3.4	0.8
812	8/28/2016 01:31:05	16.83	51.12	33.62	7.35	7.93	5.7	2.135	92.9	3.5	0.8
813	8/28/2016 01:46:05	16.95	51.06	33.58	7.36	7.94	6.5	2.018	93.2	3.4	0.8
814	8/28/2016 02:01:05	16.86	51.18	33.66	7.32	7.93	5.5	1.885	92.6	3.7	0.9
815	8/28/2016 02:16:06	17.04	51.08	33.59	7.36	7.93	5.6	1.776	93.4	3.4	0.8
816	8/28/2016 02:31:05	17.13	50.91	33.47	7.25	7.92	5.1	1.673	92.0	4.0	0.9
817	8/28/2016 02:46:05	17.22	51.19	33.68	7.31	7.93	4.6	1.580	93.1	3.5	0.8
818	8/28/2016 03:01:05	17.22	51.04	33.56	7.14	7.91	3.7	1.531	90.8	4.0	0.9
819	8/28/2016 03:16:05	17.38	51.16	33.65	7.20	7.92	4.8	1.465	91.9	3.5	0.8
820	8/28/2016 03:31:05	17.58	51.46	33.88	7.11	7.92	3.9	1.447	91.2	3.3	0.8
821	8/28/2016 03:46:05	17.72	51.43	33.85	7.33	7.94	3.6	1.458	94.3	3.9	0.9
822	8/28/2016 04:01:05	17.80	50.95	33.50	7.61	7.96	3.9	1.487	97.9	3.9	0.9
823	8/28/2016 04:16:05	17.99	51.22	33.70	7.83	7.98	4.3	1.524	101.2	4.1	1.0
824	8/28/2016 04:31:05	18.24	51.30	33.76	8.02	8.00	4.8	1.600	104.2	3.8	0.9
825	8/28/2016 04:46:05	18.19	51.30	33.76	7.99	7.99	4.5	1.677	103.7	3.8	0.9
826	8/28/2016 05:01:05	18.07	51.47	33.89	7.88	7.98	4.6	1.742	102.0	3.7	0.9
827	8/28/2016 05:16:05	18.01	51.29	33.75	7.78	7.98	4.9	1.825	100.7	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
828	8/28/2016 05:31:05	18.00	51.20	33.69	7.76	7.97	4.5	1.901	100.3	3.4	0.8
829	8/28/2016 05:46:05	17.73	50.94	33.49	7.55	7.95	4.7	1.980	97.0	3.4	0.8
830	8/28/2016 06:01:05	17.67	51.44	33.86	7.49	7.95	4.7	2.081	96.4	3.6	0.9
831	8/28/2016 06:16:05	17.71	51.45	33.87	7.50	7.95	5.2	2.133	96.5	3.1	0.7
832	8/28/2016 06:31:05	17.70	51.21	33.70	7.49	7.95	4.7	2.232	96.2	3.8	0.9
833	8/28/2016 06:46:05	17.69	51.58	33.97	7.44	7.95	5.0	2.319	95.7	3.5	0.8
834	8/28/2016 07:01:05	17.51	51.54	33.94	7.41	7.94	4.9	2.402	95.0	3.3	0.8
835	8/28/2016 07:16:05	17.29	51.65	34.02	7.37	7.94	4.7	2.491	94.2	3.2	0.8
836	8/28/2016 07:31:05	17.15	51.14	33.63	7.38	7.93	4.7	2.578	93.8	3.0	0.7
837	8/28/2016 07:46:05	16.99	51.49	33.89	7.32	7.93	5.5	2.668	92.9	3.2	0.8
838	8/28/2016 08:01:06	16.81	51.06	33.57	7.25	7.93	5.3	2.750	91.5	3.1	0.7
839	8/28/2016 08:16:05	16.69	51.18	33.66	7.25	7.92	5.3	2.830	91.4	3.4	0.8
840	8/28/2016 08:31:05	16.51	50.81	33.38	7.29	7.92	5.2	2.911	91.4	2.6	0.6
841	8/28/2016 08:46:05	16.21	50.87	33.42	7.35	7.93	5.6	2.984	91.7	3.4	0.8
842	8/28/2016 09:01:05	15.89	50.82	33.38	7.40	7.93	5.7	3.063	91.7	3.0	0.7
843	8/28/2016 09:16:05	15.69	51.01	33.52	7.50	7.94	5.4	3.135	92.7	2.9	0.7
844	8/28/2016 09:31:05	15.46	51.01	33.52	7.55	7.95	4.9	3.199	92.8	2.8	0.7
845	8/28/2016 09:46:05	15.18	50.74	33.31	7.71	7.96	3.3	3.263	94.2	2.0	0.5
846	8/28/2016 10:01:05	15.05	51.01	33.50	7.78	7.97	3.0	3.317	94.8	2.3	0.5
847	8/28/2016 10:16:05	14.99	50.63	33.23	7.80	7.97	2.7	3.352	94.8	2.4	0.6
848	8/28/2016 10:31:05	15.13	51.02	33.51	7.53	7.95	2.6	3.381	91.9	2.1	0.5
849	8/28/2016 10:46:05	15.59	50.88	33.42	7.29	7.93	3.4	3.387	89.8	1.9	0.4
850	8/28/2016 11:01:05	15.16	50.94	33.45	7.58	7.95	3.2	3.379	92.5	2.1	0.5
851	8/28/2016 11:16:05	15.51	50.67	33.26	7.56	7.95	2.7	3.336	92.9	2.4	0.6
852	8/28/2016 11:31:05	15.67	51.10	33.58	7.61	7.95	3.4	3.281	93.9	2.5	0.6
853	8/28/2016 11:46:05	15.82	51.15	33.62	7.70	7.96	4.3	3.225	95.4	2.5	0.6
854	8/28/2016 12:01:06	15.72	51.25	33.69	7.85	7.97	3.7	3.151	97.1	2.9	0.7
855	8/28/2016 12:16:05	15.79	50.73	33.31	8.05	7.97	4.6	3.077	99.5	2.6	0.6
856	8/28/2016 12:31:05	15.91	51.09	33.58	8.00	7.98	4.2	2.993	99.3	3.0	0.7
857	8/28/2016 12:46:05	16.24	50.88	33.43	7.78	7.96	4.3	2.919	97.1	2.6	0.6
858	8/28/2016 13:01:05	16.52	50.84	33.41	7.63	7.96	3.8	2.850	95.6	2.7	0.6
859	8/28/2016 13:16:05	16.80	51.13	33.63	7.48	7.95	4.7	2.773	94.5	3.0	0.7
860	8/28/2016 13:31:05	17.00	50.95	33.49	7.66	7.96	4.2	2.706	97.0	2.9	0.7
861	8/28/2016 13:46:05	17.18	51.35	33.79	7.81	7.97	3.9	2.648	99.5	3.1	0.7
862	8/28/2016 14:01:05	17.26	51.04	33.56	7.79	7.96	5.1	2.584	99.2	2.9	0.7
863	8/28/2016 14:16:05	17.37	51.46	33.87	7.82	7.97	3.9	2.522	99.9	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
864	8/28/2016 14:31:05	17.48	51.38	33.82	7.86	7.97	3.6	2.465	100.7	3.0	0.7
865	8/28/2016 14:46:05	17.53	51.18	33.67	7.85	7.97	3.5	2.427	100.6	2.6	0.6
866	8/28/2016 15:01:05	17.59	50.98	33.52	7.81	7.97	3.4	2.385	100.0	2.6	0.6
867	8/28/2016 15:16:05	17.60	51.14	33.64	7.89	7.97	3.0	2.345	101.2	2.5	0.6
868	8/28/2016 15:31:05	17.61	51.18	33.67	7.90	7.97	2.9	2.328	101.3	2.3	0.5
869	8/28/2016 15:46:05	17.37	50.93	33.48	8.43	7.99	3.9	2.332	107.5	3.0	0.7
870	8/28/2016 16:01:05	17.54	51.09	33.61	8.14	7.98	3.7	2.346	104.3	3.4	0.8
871	8/28/2016 16:16:05	17.47	51.13	33.63	8.15	7.98	3.6	2.366	104.2	3.9	0.9
872	8/28/2016 16:31:05	17.58	51.36	33.80	8.03	7.98	3.8	2.421	103.0	4.1	1.0
873	8/28/2016 16:46:05	17.57	51.21	33.69	7.89	7.97	4.3	2.467	101.2	4.1	1.0
874	8/28/2016 17:01:05	17.46	51.46	33.87	7.83	7.96	4.5	2.538	100.2	4.0	0.9
875	8/28/2016 17:16:05	17.18	51.45	33.87	8.02	7.98	8.8	2.609	102.1	3.8	0.9
876	8/28/2016 17:31:05	16.98	51.04	33.56	8.13	7.98	4.8	2.675	102.9	3.5	0.8
877	8/28/2016 17:46:05	16.72	50.72	33.33	8.27	7.99	4.3	2.752	104.1	4.0	0.9
878	8/28/2016 18:01:05	16.79	51.20	33.67	7.93	7.97	4.2	2.840	100.2	3.6	0.9
879	8/28/2016 18:16:05	16.67	51.03	33.55	7.81	7.97	4.0	2.908	98.3	3.3	0.8
880	8/28/2016 18:31:05	16.45	51.07	33.57	7.78	7.96	4.0	2.980	97.5	3.3	0.8
881	8/28/2016 18:46:05	16.20	50.89	33.44	7.82	7.97	4.0	3.063	97.5	3.3	0.8
882	8/28/2016 19:01:05	16.02	52.05	34.29	7.79	7.96	4.2	3.143	97.2	2.4	0.6
883	8/28/2016 19:16:05	15.72	50.85	33.40	7.85	7.97	4.7	3.221	96.9	2.8	0.7
884	8/28/2016 19:31:05	15.44	50.69	33.28	7.94	7.98	3.5	3.306	97.4	3.2	0.8
885	8/28/2016 19:46:05	15.26	50.71	33.29	8.02	7.98	4.0	3.392	98.0	3.6	0.9
886	8/28/2016 20:01:06	14.94	50.52	33.14	8.13	7.99	3.6	3.476	98.7	3.1	0.7
887	8/28/2016 20:16:05	14.56	50.81	33.34	8.22	7.99	5.3	3.557	99.1	3.2	0.8
888	8/28/2016 20:31:05	14.40	50.51	33.12	8.26	7.99	4.1	3.629	99.1	2.5	0.6
889	8/28/2016 20:46:05	14.16	50.41	33.04	8.38	8.01	2.8	3.707	100.1	2.6	0.6
890	8/28/2016 21:01:04	13.91	50.72	33.26	8.49	8.01	2.5	3.769	101.0	2.6	0.6
891	8/28/2016 21:16:05	13.75	50.45	33.06	8.52	8.02	2.0	3.815	100.9	2.2	0.5
892	8/28/2016 21:31:05	13.77	50.51	33.10	8.47	8.01	1.8	3.856	100.3	1.9	0.4
893	8/28/2016 21:46:05	13.84	50.47	33.07	8.37	8.01	2.0	3.881	99.3	2.1	0.5
894	8/28/2016 22:01:05	14.01	50.63	33.20	8.26	8.00	2.4	3.883	98.5	2.1	0.5
895	8/28/2016 22:16:05	13.69	50.43	33.03	8.36	8.00	2.5	3.864	98.9	1.1	0.3
896	8/28/2016 22:31:05	13.85	50.40	33.03	8.33	8.00	1.8	3.820	98.8	1.4	0.3
897	8/28/2016 22:46:05	14.36	50.31	32.97	8.22	8.00	3.1	3.767	98.5	2.2	0.5
898	8/28/2016 23:01:05	14.24	50.42	33.05	8.08	7.99	3.6	3.698	96.6	2.0	0.5
899	8/28/2016 23:16:05	14.33	50.36	33.00	8.00	7.98	3.7	3.598	95.8	2.9	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	Fluorescence %FS
900	8/28/2016 23:31:05	14.43	50.51	33.12	8.12	7.98	7.1	3.493	97.5	2.4	0.6
901	8/28/2016 23:46:05	15.13	50.59	33.20	8.12	7.99	7.2	3.402	99.0	3.2	0.8
902	8/29/2016 00:01:05	15.23	50.48	33.12	8.20	7.99	7.9	3.284	100.0	3.2	0.8
903	8/29/2016 00:16:05	15.31	50.64	33.24	8.10	7.98	6.1	3.168	99.1	3.0	0.7
904	8/29/2016 00:31:05	15.47	50.69	33.28	7.96	7.98	6.4	3.064	97.7	2.7	0.6
905	8/29/2016 00:46:05	15.87	50.96	33.49	7.76	7.96	5.4	2.957	96.1	2.9	0.7
906	8/29/2016 01:01:05	16.13	50.66	33.27	7.66	7.95	6.2	2.837	95.3	3.1	0.7
907	8/29/2016 01:16:05	16.55	50.76	33.35	7.57	7.95	6.2	2.715	94.9	3.0	0.7
908	8/29/2016 01:31:05	16.79	50.85	33.42	7.63	7.94	7.3	2.590	96.3	3.8	0.9
909	8/29/2016 01:46:05	16.84	50.72	33.32	7.51	7.94	7.0	2.473	94.8	3.6	0.8
910	8/29/2016 02:01:05	16.64	51.18	33.66	7.43	7.93	6.2	2.338	93.5	3.4	0.8
911	8/29/2016 02:16:05	16.42	50.78	33.36	7.40	7.93	6.3	2.202	92.6	3.2	0.8
912	8/29/2016 02:31:05	16.33	50.87	33.43	7.34	7.93	7.0	2.070	91.7	2.7	0.6
913	8/29/2016 02:46:05	16.59	50.68	33.29	7.35	7.93	6.4	1.939	92.2	3.8	0.9
914	8/29/2016 03:01:06	16.68	50.89	33.45	7.35	7.93	7.3	1.809	92.5	3.2	0.8
915	8/29/2016 03:16:05	17.01	50.89	33.45	7.36	7.93	6.2	1.687	93.1	3.5	0.8
916	8/29/2016 03:31:05	16.95	50.78	33.37	7.33	7.92	6.0	1.582	92.7	3.6	0.8
917	8/29/2016 03:46:05	17.04	51.30	33.75	7.27	7.92	5.8	1.483	92.2	3.2	0.8
918	8/29/2016 04:01:05	17.12	51.01	33.54	7.27	7.92	5.0	1.428	92.3	3.1	0.7
919	8/29/2016 04:16:05	17.16	51.28	33.74	7.20	7.91	4.3	1.380	91.6	3.2	0.8
920	8/29/2016 04:31:05	17.16	50.94	33.49	6.85	7.90	3.9	1.367	87.0	3.3	0.8
921	8/29/2016 04:46:05	17.26	51.01	33.54	7.40	7.93	4.5	1.393	94.2	3.8	0.9
922	8/29/2016 05:01:05	17.55	51.45	33.87	7.66	7.96	4.0	1.435	98.2	4.0	0.9
923	8/29/2016 05:16:05	17.82	51.63	34.00	7.83	7.98	4.6	1.499	101.1	3.6	0.8
924	8/29/2016 05:31:05	17.89	51.30	33.76	7.99	7.99	5.0	1.560	103.1	3.3	0.8
925	8/29/2016 05:46:05	17.82	51.34	33.79	7.91	7.98	4.8	1.648	101.9	3.6	0.8
926	8/29/2016 06:01:05	17.82	51.18	33.67	7.90	7.98	5.3	1.738	101.7	3.7	0.9
927	8/29/2016 06:16:05	17.81	51.36	33.80	7.86	7.97	5.3	1.811	101.3	3.3	0.8
928	8/29/2016 06:31:06	17.53	51.00	33.54	7.66	7.96	5.0	1.896	98.0	3.1	0.7
929	8/29/2016 06:46:05	17.42	51.29	33.75	7.53	7.95	5.4	1.979	96.3	3.7	0.9
930	8/29/2016 07:01:05	17.47	51.30	33.76	7.56	7.95	5.1	2.083	96.8	2.8	0.7
931	8/29/2016 07:16:05	17.50	50.99	33.53	7.58	7.95	5.0	2.164	96.9	3.5	0.8
932	8/29/2016 07:31:05	17.51	51.38	33.81	7.56	7.95	5.5	2.260	96.9	3.0	0.7
933	8/29/2016 07:46:05	17.47	51.44	33.86	7.51	7.95	6.1	2.356	96.1	3.3	0.8
934	8/29/2016 08:01:05	17.38	51.17	33.66	7.48	7.94	6.0	2.449	95.5	3.1	0.7
935	8/29/2016 08:16:06	17.22	51.52	33.92	7.45	7.94	5.7	2.548	95.0	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
936	8/29/2016 08:31:05	17.00	51.03	33.56	7.39	7.93	5.5	2.635	93.6	2.6	0.6
937	8/29/2016 08:46:06	16.84	51.71	34.05	7.31	7.93	5.3	2.726	92.6	3.5	0.8
938	8/29/2016 09:01:05	16.69	51.15	33.64	7.31	7.93	5.8	2.815	92.1	2.6	0.6
939	8/29/2016 09:16:05	16.39	51.08	33.58	7.33	7.93	6.7	2.907	91.7	3.1	0.7
940	8/29/2016 09:31:05	16.09	51.06	33.56	7.35	7.93	6.9	2.982	91.4	2.8	0.7
941	8/29/2016 09:46:05	15.80	50.93	33.46	7.41	7.93	6.8	3.061	91.7	2.6	0.6
942	8/29/2016 10:01:05	15.49	51.27	33.70	7.49	7.94	6.3	3.147	92.3	2.5	0.6
943	8/29/2016 10:16:05	15.17	50.88	33.41	7.60	7.95	6.7	3.220	92.8	3.1	0.7
944	8/29/2016 10:31:05	14.99	51.09	33.56	7.66	7.95	4.8	3.283	93.3	2.7	0.6
945	8/29/2016 10:46:05	14.82	50.83	33.36	7.75	7.96	4.3	3.351	94.0	1.9	0.5
946	8/29/2016 11:01:05	14.70	50.68	33.26	7.88	7.97	3.7	3.399	95.2	2.3	0.5
947	8/29/2016 11:16:05	14.85	51.07	33.54	7.79	7.97	3.0	3.429	94.6	2.5	0.6
948	8/29/2016 11:31:05	14.93	50.79	33.34	7.66	7.96	2.6	3.449	93.1	1.7	0.4
949	8/29/2016 11:46:05	14.70	50.72	33.28	7.71	7.96	3.0	3.445	93.2	1.4	0.3
950	8/29/2016 12:01:05	14.89	50.74	33.30	7.71	7.97	3.0	3.419	93.6	1.9	0.5
951	8/29/2016 12:16:05	15.12	50.78	33.34	7.86	7.97	3.1	3.368	95.9	1.8	0.4
952	8/29/2016 12:31:05	15.52	51.19	33.64	7.94	7.97	3.6	3.310	97.8	2.2	0.5
953	8/29/2016 12:46:05	15.80	50.89	33.43	8.19	7.99	3.9	3.226	101.3	2.1	0.5
954	8/29/2016 13:01:05	15.82	50.87	33.42	8.27	7.99	5.0	3.145	102.3	2.4	0.6
955	8/29/2016 13:16:05	15.97	50.97	33.49	8.23	7.99	5.3	3.064	102.2	2.6	0.6
956	8/29/2016 13:31:05	16.34	50.98	33.51	8.15	7.98	5.5	2.974	101.9	2.2	0.5
957	8/29/2016 13:46:05	16.64	50.88	33.43	8.01	7.98	4.8	2.888	100.7	2.6	0.6
958	8/29/2016 14:01:05	16.89	50.84	33.41	7.94	7.97	4.8	2.815	100.3	2.8	0.7
959	8/29/2016 14:16:05	17.20	51.14	33.64	8.00	7.97	4.8	2.729	101.8	2.5	0.6
960	8/29/2016 14:31:05	17.42	51.00	33.54	8.13	7.98	5.0	2.654	103.8	2.9	0.7
961	8/29/2016 14:46:05	17.58	51.01	33.55	8.23	7.99	4.8	2.572	105.4	2.9	0.7
962	8/29/2016 15:01:06	17.72	51.23	33.71	8.27	7.99	4.9	2.513	106.3	2.6	0.6
963	8/29/2016 15:16:05	17.82	51.18	33.67	8.39	8.00	5.4	2.438	108.0	2.8	0.7
964	8/29/2016 15:31:05	17.94	51.17	33.67	8.38	8.00	4.3	2.369	108.2	3.0	0.7
965	8/29/2016 15:46:05	17.98	50.95	33.50	8.44	8.00	4.2	2.328	108.9	2.4	0.6
966	8/29/2016 16:01:05	18.10	51.16	33.66	8.55	8.01	3.4	2.277	110.7	3.2	0.7
967	8/29/2016 16:16:05	18.11	51.47	33.88	8.45	8.01	3.9	2.260	109.5	2.9	0.7
968	8/29/2016 16:31:05	18.15	51.14	33.64	8.76	8.03	3.9	2.226	113.6	2.6	0.6
969	8/29/2016 16:46:05	17.99	50.90	33.46	8.76	8.02	3.9	2.237	113.0	2.9	0.7
970	8/29/2016 17:01:05	18.00	51.14	33.64	8.80	8.02	4.4	2.264	113.7	3.5	0.8
971	8/29/2016 17:16:05	18.09	51.26	33.73	8.72	8.02	5.0	2.296	112.9	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
972	8/29/2016 17:31:05	18.14	51.22	33.70	8.54	8.01	4.7	2.348	110.6	3.8	0.9
973	8/29/2016 17:46:05	18.08	51.07	33.60	8.40	8.00	4.9	2.408	108.6	3.6	0.9
974	8/29/2016 18:01:05	18.04	51.32	33.78	8.47	8.01	6.5	2.499	109.5	4.1	1.0
975	8/29/2016 18:16:05	17.65	51.30	33.76	8.61	8.02	6.5	2.570	110.6	3.3	0.8
976	8/29/2016 18:31:05	17.52	50.80	33.39	8.51	8.01	6.2	2.641	108.8	4.1	1.0
977	8/29/2016 18:46:05	17.47	50.92	33.48	8.38	8.00	4.9	2.727	107.1	3.4	0.8
978	8/29/2016 19:01:05	17.02	51.08	33.59	8.10	7.98	5.3	2.808	102.7	3.0	0.7
979	8/29/2016 19:16:05	16.79	51.08	33.59	7.98	7.98	4.8	2.882	100.7	3.7	0.9
980	8/29/2016 19:31:05	16.56	50.78	33.36	7.93	7.98	4.7	2.966	99.5	3.1	0.7
981	8/29/2016 19:46:05	16.33	51.18	33.66	7.87	7.97	6.1	3.049	98.5	3.6	0.9
982	8/29/2016 20:01:05	16.07	51.02	33.53	7.89	7.97	5.1	3.136	98.2	3.1	0.7
983	8/29/2016 20:16:05	15.82	50.86	33.41	7.90	7.97	4.8	3.230	97.8	2.9	0.7
984	8/29/2016 20:31:05	15.61	50.82	33.38	7.98	7.98	5.3	3.314	98.3	3.3	0.8
985	8/29/2016 20:46:05	15.32	50.63	33.23	8.15	7.99	5.4	3.416	99.7	3.1	0.7
986	8/29/2016 21:01:05	14.95	50.36	33.03	8.26	8.00	6.4	3.499	100.2	2.6	0.6
987	8/29/2016 21:16:05	14.73	50.29	32.97	8.30	8.00	5.0	3.578	100.3	2.5	0.6
988	8/29/2016 21:31:05	14.37	50.79	33.32	8.42	8.01	4.5	3.665	101.1	2.7	0.6
989	8/29/2016 21:46:05	14.16	50.48	33.09	8.53	8.02	4.3	3.741	101.9	3.3	0.8
990	8/29/2016 22:01:05	14.10	50.38	33.02	8.54	8.02	3.4	3.791	101.9	2.9	0.7
991	8/29/2016 22:16:04	14.09	50.17	32.86	8.54	8.02	3.2	3.854	101.7	2.5	0.6
992	8/29/2016 22:31:04	13.96	50.47	33.08	8.58	8.02	2.3	3.897	102.1	2.9	0.7
993	8/29/2016 22:46:05	13.95	50.54	33.13	8.48	8.02	2.1	3.903	100.9	2.8	0.7
994	8/29/2016 23:01:05	14.15	50.44	33.06	8.32	8.01	3.4	3.914	99.3	1.8	0.4
995	8/29/2016 23:16:05	13.96	50.51	33.10	8.38	8.01	2.5	3.899	99.7	2.0	0.5
996	8/29/2016 23:31:05	14.20	50.44	33.06	8.33	8.00	3.3	3.844	99.6	1.3	0.3
997	8/29/2016 23:46:05	14.68	50.87	33.39	8.17	8.00	3.1	3.771	98.8	2.1	0.5
998	8/30/2016 00:01:05	14.57	50.59	33.18	8.04	7.98	5.6	3.693	96.9	2.7	0.6
999	8/30/2016 00:16:04	14.77	50.56	33.16	8.18	7.99	8.3	3.590	98.9	3.0	0.7
1000	8/30/2016 00:31:05	14.45	50.65	33.22	8.23	7.99	5.3	3.485	98.9	2.9	0.7
1001	8/30/2016 00:46:05	15.28	50.70	33.28	8.21	8.00	7.3	3.359	100.4	3.2	0.8
1002	8/30/2016 01:01:05	15.32	50.51	33.14	8.18	7.99	6.8	3.258	100.1	2.8	0.7
1003	8/30/2016 01:16:05	15.48	50.64	33.24	8.09	7.98	6.7	3.133	99.4	3.3	0.8
1004	8/30/2016 01:31:05	15.75	50.71	33.30	7.89	7.97	6.8	3.015	97.3	2.6	0.6
1005	8/30/2016 01:46:05	15.95	50.91	33.45	7.82	7.96	6.9	2.888	97.0	2.8	0.7
1006	8/30/2016 02:01:05	16.38	50.79	33.37	7.68	7.96	6.9	2.770	96.1	3.1	0.7
1007	8/30/2016 02:16:05	16.68	50.94	33.48	7.60	7.95	7.8	2.650	95.7	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
1008	8/30/2016 02:31:05	17.09	50.84	33.41	7.58	7.95	7.8	2.511	96.1	4.0	0.9
1009	8/30/2016 02:46:05	16.97	50.92	33.47	7.45	7.94	7.8	2.375	94.3	3.0	0.7
1010	8/30/2016 03:01:05	16.99	50.81	33.39	7.52	7.95	7.2	2.254	95.1	3.2	0.8
1011	8/30/2016 03:16:05	16.89	50.99	33.53	7.56	7.95	8.1	2.110	95.6	3.3	0.8
1012	8/30/2016 03:31:05	16.86	51.03	33.55	7.60	7.95	6.8	1.976	96.0	2.6	0.6
1013	8/30/2016 03:46:05	17.15	50.89	33.45	7.53	7.95	7.6	1.832	95.6	3.0	0.7
1014	8/30/2016 04:01:05	17.21	50.87	33.44	7.57	7.95	6.4	1.699	96.2	3.0	0.7
1015	8/30/2016 04:16:05	17.25	50.83	33.41	7.53	7.95	5.7	1.611	95.8	3.7	0.9
1016	8/30/2016 04:31:06	17.44	51.00	33.54	7.52	7.95	5.8	1.475	96.1	3.0	0.7
1017	8/30/2016 04:46:05	17.76	50.84	33.42	7.70	7.96	6.3	1.393	98.9	3.3	0.8
1018	8/30/2016 05:01:05	17.67	51.10	33.61	7.60	7.95	5.1	1.358	97.5	3.4	0.8
1019	8/30/2016 05:16:05	17.80	50.59	33.24	7.55	7.96	5.0	1.340	96.9	2.5	0.6
1020	8/30/2016 05:31:05	17.69	51.41	33.84	7.68	7.96	5.4	1.345	98.7	3.5	0.8
1021	8/30/2016 05:46:05	17.92	50.90	33.46	7.86	7.98	5.3	1.372	101.3	3.5	0.8
1022	8/30/2016 06:01:05	18.07	51.17	33.67	8.01	7.99	5.5	1.475	103.6	3.3	0.8
1023	8/30/2016 06:16:05	18.18	51.11	33.62	8.10	8.00	5.6	1.527	105.0	3.4	0.8
1024	8/30/2016 06:31:05	18.06	51.22	33.70	8.03	7.99	5.4	1.602	103.9	3.3	0.8
1025	8/30/2016 06:46:05	18.13	51.21	33.70	7.86	7.98	6.7	1.712	101.9	3.2	0.8
1026	8/30/2016 07:01:05	18.09	51.31	33.77	7.83	7.98	6.5	1.783	101.5	3.3	0.8
1027	8/30/2016 07:16:05	17.97	51.40	33.83	7.62	7.96	7.6	1.876	98.5	3.2	0.8
1028	8/30/2016 07:31:05	17.89	51.27	33.74	7.59	7.96	7.7	1.973	97.9	3.6	0.9
1029	8/30/2016 07:46:05	17.84	51.27	33.74	7.63	7.96	6.6	2.065	98.3	3.2	0.8
1030	8/30/2016 08:01:05	17.80	51.32	33.78	7.64	7.96	6.5	2.156	98.4	3.1	0.7
1031	8/30/2016 08:16:05	17.71	51.41	33.84	7.63	7.96	6.5	2.265	98.1	2.8	0.7
1032	8/30/2016 08:31:05	17.48	51.03	33.56	7.65	7.96	6.4	2.362	97.8	2.5	0.6
1033	8/30/2016 08:46:05	17.35	51.15	33.64	7.63	7.96	6.2	2.458	97.4	3.0	0.7
1034	8/30/2016 09:01:05	17.19	51.14	33.64	7.59	7.95	6.2	2.552	96.6	3.3	0.8
1035	8/30/2016 09:16:05	16.97	51.51	33.90	7.58	7.95	5.9	2.657	96.2	2.9	0.7
1036	8/30/2016 09:31:05	16.84	50.84	33.41	7.59	7.95	6.4	2.754	95.8	3.1	0.7
1037	8/30/2016 09:46:05	16.72	51.10	33.60	7.58	7.95	6.9	2.838	95.5	2.9	0.7
1038	8/30/2016 10:01:05	16.38	50.99	33.51	7.54	7.94	7.7	2.931	94.4	3.2	0.8
1039	8/30/2016 10:16:06	16.00	51.30	33.74	7.57	7.95	8.0	3.029	94.2	3.0	0.7
1040	8/30/2016 10:31:05	15.82	51.06	33.55	7.60	7.95	7.7	3.109	94.1	3.0	0.7
1041	8/30/2016 10:46:05	15.36	51.00	33.50	7.78	7.96	8.0	3.194	95.4	3.1	0.7
1042	8/30/2016 11:01:05	15.18	50.93	33.45	7.90	7.97	7.3	3.271	96.5	2.3	0.5
1043	8/30/2016 11:16:05	14.88	51.04	33.52	8.04	7.98	6.3	3.358	97.7	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
1044	8/30/2016 11:31:05	14.73	51.34	33.73	8.12	7.98	4.7	3.411	98.5	2.5	0.6
1045	8/30/2016 11:46:05	14.68	50.60	33.19	8.14	7.99	3.3	3.468	98.3	1.9	0.5
1046	8/30/2016 12:01:05	14.66	50.93	33.44	8.18	7.99	3.0	3.510	98.9	2.4	0.6
1047	8/30/2016 12:16:05	15.27	50.83	33.38	8.08	7.99	3.8	3.518	98.9	1.8	0.4
1048	8/30/2016 12:31:05	14.73	50.76	33.31	8.05	7.98	2.6	3.525	97.4	2.2	0.5
1049	8/30/2016 12:46:05	14.74	50.72	33.28	8.03	7.98	3.1	3.486	97.1	2.4	0.6
1050	8/30/2016 13:01:05	14.63	50.95	33.45	8.02	7.98	4.3	3.435	96.9	2.2	0.5
1051	8/30/2016 13:16:05	15.05	51.30	33.72	8.14	7.99	4.5	3.371	99.4	2.1	0.5
1052	8/30/2016 13:31:05	15.62	50.66	33.26	8.47	8.01	6.3	3.274	104.2	2.0	0.5
1053	8/30/2016 13:46:05	15.99	51.08	33.57	8.63	8.02	6.2	3.193	107.2	2.1	0.5
1054	8/30/2016 14:01:05	16.19	50.94	33.48	8.61	8.02	5.6	3.090	107.4	2.4	0.6
1055	8/30/2016 14:16:05	16.54	50.66	33.27	8.63	8.02	6.4	2.995	108.2	2.2	0.5
1056	8/30/2016 14:31:05	16.92	50.94	33.48	8.53	8.02	7.6	2.900	107.8	2.6	0.6
1057	8/30/2016 14:46:05	17.36	50.86	33.43	8.78	8.03	6.8	2.815	111.9	3.0	0.7
1058	8/30/2016 15:01:05	17.66	51.42	33.84	8.75	8.03	5.6	2.724	112.5	2.8	0.7
1059	8/30/2016 15:16:05	17.98	50.86	33.44	8.91	8.04	6.1	2.633	115.0	2.6	0.6
1060	8/30/2016 15:31:05	18.16	51.05	33.58	8.91	8.04	5.9	2.553	115.4	2.5	0.6
1061	8/30/2016 15:46:05	18.29	51.03	33.56	8.96	8.04	5.7	2.487	116.4	2.7	0.6
1062	8/30/2016 16:01:05	18.44	51.03	33.56	9.10	8.05	5.4	2.399	118.5	3.0	0.7
1063	8/30/2016 16:16:05	18.55	51.34	33.79	9.12	8.05	5.3	2.328	119.2	2.7	0.6
1064	8/30/2016 16:31:05	18.65	51.40	33.84	9.34	8.07	4.8	2.256	122.3	2.3	0.6
1065	8/30/2016 16:46:05	18.73	50.85	33.43	9.28	8.06	4.5	2.203	121.5	3.2	0.8
1066	8/30/2016 17:01:05	18.66	51.14	33.65	9.25	8.06	4.2	2.167	121.1	2.8	0.7
1067	8/30/2016 17:16:05	18.81	51.78	34.12	9.37	8.07	4.1	2.124	123.3	3.7	0.9
1068	8/30/2016 17:31:05	18.85	50.89	33.46	9.42	8.08	3.9	2.130	123.5	3.2	0.8
1069	8/30/2016 17:46:05	18.81	50.97	33.52	9.63	8.09	4.5	2.143	126.2	3.4	0.8
1070	8/30/2016 18:01:05	18.73	51.36	33.81	9.40	8.07	4.7	2.172	123.2	3.6	0.9
1071	8/30/2016 18:16:05	18.80	51.28	33.75	9.32	8.07	6.2	2.216	122.4	3.8	0.9
1072	8/30/2016 18:31:05	18.91	51.55	33.95	9.15	8.06	6.0	2.285	120.5	4.0	0.9
1073	8/30/2016 18:46:05	19.04	51.38	33.83	9.02	8.05	7.0	2.362	118.9	4.5	1.1
1074	8/30/2016 19:01:05	19.04	51.02	33.56	9.05	8.05	7.9	2.446	119.2	4.1	1.0
1075	8/30/2016 19:16:05	18.59	51.03	33.56	9.00	8.04	7.1	2.535	117.6	3.9	0.9
1076	8/30/2016 19:31:05	18.42	50.90	33.47	8.94	8.04	5.9	2.620	116.3	3.8	0.9
1077	8/30/2016 19:46:05	17.95	51.10	33.61	8.70	8.02	5.7	2.703	112.3	3.6	0.8
1078	8/30/2016 20:01:05	17.47	50.81	33.39	8.35	8.00	5.4	2.784	106.7	3.7	0.9
1079	8/30/2016 20:16:05	17.32	50.73	33.34	8.20	8.00	5.6	2.875	104.4	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
1080	8/30/2016 20:31:05	17.03	51.18	33.67	8.19	8.00	5.3	2.953	103.9	3.1	0.7
1081	8/30/2016 20:46:05	16.78	50.63	33.26	8.23	8.00	5.7	3.043	103.6	3.2	0.8
1082	8/30/2016 21:01:06	16.53	50.70	33.31	8.19	7.99	5.6	3.135	102.7	3.4	0.8
1083	8/30/2016 21:16:05	16.31	50.69	33.30	8.25	8.00	7.2	3.234	103.0	3.1	0.7
1084	8/30/2016 21:31:05	16.03	50.77	33.34	8.33	8.00	8.1	3.324	103.4	3.3	0.8
1085	8/30/2016 21:46:05	15.61	50.86	33.41	8.40	8.00	8.3	3.413	103.5	3.4	0.8
1086	8/30/2016 22:01:05	15.29	50.67	33.26	8.45	8.01	7.7	3.512	103.4	3.0	0.7
1087	8/30/2016 22:16:05	14.92	50.65	33.24	8.52	8.01	6.9	3.597	103.5	3.6	0.8
1088	8/30/2016 22:31:05	14.83	50.60	33.20	8.52	8.01	5.2	3.672	103.2	2.8	0.7
1089	8/30/2016 22:46:05	14.66	50.56	33.16	8.55	8.01	4.7	3.744	103.2	2.9	0.7
1090	8/30/2016 23:01:05	14.58	50.58	33.18	8.57	8.02	3.3	3.806	103.3	2.7	0.6
1091	8/30/2016 23:16:05	14.65	50.31	32.98	8.55	8.02	2.9	3.855	103.0	3.2	0.8
1092	8/30/2016 23:31:05	14.57	50.54	33.15	8.47	8.01	2.3	3.874	102.0	2.6	0.6
1093	8/30/2016 23:46:05	14.95	50.48	33.11	8.23	8.00	3.7	3.890	99.9	2.4	0.6
1094	8/31/2016 00:01:05	14.53	50.45	33.08	8.34	8.00	2.3	3.886	100.4	1.5	0.4
1095	8/31/2016 00:16:05	14.77	50.33	33.00	8.29	8.00	2.5	3.841	100.2	1.9	0.4
1096	8/31/2016 00:31:05	14.95	50.40	33.05	8.27	8.00	6.1	3.773	100.4	2.2	0.5
1097	8/31/2016 00:46:05	14.87	51.35	33.75	8.16	7.99	5.4	3.698	99.2	3.1	0.7
1098	8/31/2016 01:01:05	15.05	50.64	33.23	8.27	7.99	6.9	3.597	100.7	3.0	0.7
1099	8/31/2016 01:16:05	14.87	50.63	33.22	8.30	7.99	5.3	3.479	100.6	2.8	0.7
1100	8/31/2016 01:31:05	15.42	50.60	33.21	8.23	7.99	6.2	3.369	100.9	2.8	0.7
1101	8/31/2016 01:46:05	15.65	50.61	33.22	8.36	8.01	6.4	3.251	103.0	3.1	0.7
1102	8/31/2016 02:01:05	15.84	50.48	33.13	8.28	8.00	6.8	3.126	102.3	2.8	0.7
1103	8/31/2016 02:16:05	15.99	50.42	33.09	8.15	7.99	6.3	3.009	101.0	3.4	0.8
1104	8/31/2016 02:31:06	16.31	50.76	33.35	7.93	7.98	5.9	2.877	99.1	2.6	0.6
1105	8/31/2016 02:46:05	16.72	50.80	33.38	7.94	7.98	6.0	2.761	99.9	2.4	0.6
1106	8/31/2016 03:01:05	17.27	50.86	33.43	7.93	7.98	7.5	2.633	100.9	3.1	0.7
1107	8/31/2016 03:16:05	17.48	50.97	33.51	7.88	7.98	8.6	2.496	100.8	3.1	0.7
1108	8/31/2016 03:31:05	17.27	50.88	33.45	7.84	7.97	7.5	2.362	99.7	2.9	0.7
1109	8/31/2016 03:46:05	17.27	50.92	33.47	7.84	7.97	8.4	2.231	99.7	3.2	0.8
1110	8/31/2016 04:01:06	17.50	50.92	33.48	7.90	7.98	8.6	2.086	101.0	3.0	0.7
1111	8/31/2016 04:16:05	17.48	50.88	33.45	7.91	7.98	8.8	1.953	101.1	2.8	0.7
1112	8/31/2016 04:31:05	17.66	50.90	33.46	7.90	7.98	7.0	1.827	101.3	3.3	0.8
1113	8/31/2016 04:46:05	17.75	50.89	33.46	7.81	7.97	7.5	1.696	100.4	3.1	0.7
1114	8/31/2016 05:01:06	17.77	50.92	33.48	7.85	7.97	6.7	1.572	100.9	2.8	0.7
1115	8/31/2016 05:16:05	17.90	50.80	33.40	7.79	7.98	6.1	1.466	100.3	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1116	8/31/2016 05:31:05	18.06	50.92	33.48	7.86	7.98	6.3	1.399	101.6	2.7	0.6
1117	8/31/2016 05:46:05	18.10	51.00	33.54	7.78	7.98	5.3	1.363	100.7	3.5	0.8
1118	8/31/2016 06:01:05	18.13	51.39	33.83	7.57	7.97	3.9	1.344	98.2	2.8	0.7
1119	8/31/2016 06:16:05	18.06	51.09	33.61	7.86	7.98	5.2	1.353	101.7	3.5	0.8
1120	8/31/2016 06:31:05	18.30	51.18	33.67	8.07	8.00	4.8	1.422	104.9	3.7	0.9
1121	8/31/2016 06:46:05	18.56	51.50	33.91	8.25	8.02	5.2	1.486	108.0	3.2	0.8
1122	8/31/2016 07:01:05	18.71	50.99	33.54	8.37	8.03	5.5	1.560	109.6	2.7	0.6
1123	8/31/2016 07:16:05	18.61	51.19	33.69	8.26	8.02	5.9	1.656	108.0	2.6	0.6
1124	8/31/2016 07:31:05	18.72	51.13	33.64	7.97	8.00	7.6	1.750	104.3	2.6	0.6
1125	8/31/2016 07:46:05	18.63	51.15	33.66	7.83	7.99	7.9	1.835	102.3	3.3	0.8
1126	8/31/2016 08:01:05	18.41	51.21	33.70	7.83	7.98	7.0	1.929	102.0	3.1	0.7
1127	8/31/2016 08:16:06	18.35	51.19	33.68	7.83	7.98	6.7	2.016	101.9	2.9	0.7
1128	8/31/2016 08:31:05	18.33	51.15	33.65	7.83	7.98	6.5	2.122	101.8	3.0	0.7
1129	8/31/2016 08:46:05	18.25	51.32	33.78	7.82	7.98	6.7	2.224	101.6	3.2	0.8
1130	8/31/2016 09:01:05	17.93	51.34	33.79	7.82	7.97	6.5	2.311	101.0	2.8	0.7
1131	8/31/2016 09:16:05	17.78	51.12	33.63	7.85	7.97	6.2	2.415	100.9	3.2	0.8
1132	8/31/2016 09:31:05	17.63	51.20	33.68	7.83	7.97	6.1	2.520	100.5	3.0	0.7
1133	8/31/2016 09:46:05	17.42	50.99	33.53	7.84	7.97	6.8	2.619	100.1	3.0	0.7
1134	8/31/2016 10:01:05	17.24	50.90	33.46	7.83	7.96	6.6	2.719	99.6	2.8	0.7
1135	8/31/2016 10:16:05	17.13	51.03	33.56	7.85	7.97	7.0	2.813	99.7	2.7	0.6
1136	8/31/2016 10:31:05	16.87	50.90	33.46	7.85	7.96	7.3	2.912	99.1	3.0	0.7
1137	8/31/2016 10:46:06	16.49	51.08	33.59	7.78	7.96	9.7	3.002	97.6	2.8	0.7
1138	8/31/2016 11:01:05	16.27	50.98	33.51	7.69	7.95	9.8	3.094	96.1	2.7	0.6
1139	8/31/2016 11:16:05	15.75	50.64	33.25	7.84	7.96	9.8	3.179	96.8	2.6	0.6
1140	8/31/2016 11:31:05	15.44	50.50	33.14	8.00	7.97	8.8	3.270	98.1	3.2	0.7
1141	8/31/2016 11:46:05	15.26	51.03	33.52	8.10	7.98	7.9	3.351	99.2	2.7	0.7
1142	8/31/2016 12:01:05	15.07	50.68	33.26	8.19	7.98	5.8	3.420	99.8	3.5	0.8
1143	8/31/2016 12:16:05	14.93	50.63	33.22	8.24	7.99	5.1	3.486	100.0	2.8	0.7
1144	8/31/2016 12:31:05	14.67	50.65	33.23	8.32	7.99	3.6	3.530	100.5	2.7	0.6
1145	8/31/2016 12:46:04	14.66	50.51	33.13	8.26	7.99	2.8	3.562	99.7	2.5	0.6
1146	8/31/2016 13:01:05	14.93	50.88	33.40	8.25	7.99	3.4	3.571	100.2	2.8	0.7
1147	8/31/2016 13:16:05	14.62	50.53	33.14	8.16	7.98	3.6	3.549	98.4	1.6	0.4
1148	8/31/2016 13:31:05	14.73	50.72	33.28	8.15	7.99	4.6	3.506	98.6	2.1	0.5
1149	8/31/2016 13:46:05	15.16	50.74	33.31	8.28	8.00	5.7	3.437	101.0	1.6	0.4
1150	8/31/2016 14:01:05	15.51	50.59	33.21	8.46	8.00	8.1	3.353	103.9	3.0	0.7
1151	8/31/2016 14:16:05	16.21	50.63	33.25	8.78	8.03	6.8	3.262	109.3	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
1152	8/31/2016 14:31:05	16.30	50.77	33.35	8.54	8.01	10.1	3.151	106.5	2.2	0.5
1153	8/31/2016 14:46:05	16.57	50.57	33.21	8.54	8.01	7.9	3.055	107.1	2.6	0.6
1154	8/31/2016 15:01:05	16.92	50.89	33.45	8.53	8.01	7.4	2.952	107.8	2.7	0.6
1155	8/31/2016 15:16:05	17.40	51.03	33.56	8.64	8.02	6.8	2.855	110.3	2.9	0.7
1156	8/31/2016 15:31:05	17.78	50.79	33.38	8.74	8.03	6.5	2.749	112.3	2.5	0.6
1157	8/31/2016 15:46:05	18.04	51.24	33.71	8.79	8.04	7.1	2.661	113.7	2.7	0.6
1158	8/31/2016 16:01:05	18.26	51.07	33.60	8.94	8.04	7.2	2.569	116.0	2.4	0.6
1159	8/31/2016 16:16:05	18.41	50.87	33.45	9.05	8.05	6.4	2.456	117.7	4.2	1.0
1160	8/31/2016 16:31:05	18.46	51.12	33.63	9.01	8.05	6.2	2.376	117.5	3.3	0.8
1161	8/31/2016 16:46:05	18.61	51.29	33.76	9.08	8.06	6.2	2.288	118.8	3.3	0.8
1162	8/31/2016 17:01:05	18.58	51.02	33.56	9.18	8.07	6.3	2.201	119.8	2.9	0.7
1163	8/31/2016 17:16:05	18.57	51.01	33.55	9.12	8.07	5.5	2.125	119.0	3.0	0.7
1164	8/31/2016 17:31:05	18.52	51.10	33.61	9.15	8.07	4.8	2.064	119.4	2.9	0.7
1165	8/31/2016 17:46:05	18.69	50.99	33.54	9.06	8.07	5.1	2.022	118.6	2.6	0.6
1166	8/31/2016 18:01:04	18.73	50.84	33.43	9.00	8.07	5.5	1.997	117.7	2.7	0.6
1167	8/31/2016 18:16:05	18.29	50.85	33.43	9.64	8.10	4.5	1.985	125.0	2.9	0.7
1168	8/31/2016 18:31:05	18.54	51.35	33.80	9.27	8.08	5.0	2.003	121.1	3.3	0.8
1169	8/31/2016 18:46:05	18.89	50.98	33.53	9.15	8.07	5.6	2.051	120.1	3.9	0.9
1170	8/31/2016 19:01:05	18.91	51.01	33.55	9.06	8.07	6.2	2.102	119.0	4.0	0.9
1171	8/31/2016 19:16:05	19.12	50.99	33.54	8.95	8.06	6.2	2.169	118.1	3.9	0.9
1172	8/31/2016 19:31:05	19.22	51.46	33.88	8.78	8.05	8.6	2.258	116.2	4.3	1.0
1173	8/31/2016 19:46:04	19.20	51.10	33.62	8.72	8.04	9.3	2.352	115.3	3.8	0.9
1174	8/31/2016 20:01:05	18.77	50.78	33.38	8.82	8.04	7.8	2.435	115.4	4.4	1.0
1175	8/31/2016 20:16:05	18.60	50.55	33.21	8.84	8.04	6.8	2.525	115.2	4.3	1.0
1176	8/31/2016 20:31:05	18.25	51.20	33.69	8.71	8.03	6.9	2.618	113.1	3.9	0.9
1177	8/31/2016 20:46:05	17.89	50.79	33.38	8.49	8.02	6.4	2.703	109.3	3.2	0.8
1178	8/31/2016 21:01:05	17.72	50.82	33.41	8.35	8.01	6.2	2.787	107.2	4.1	1.0
1179	8/31/2016 21:16:05	17.57	50.80	33.39	8.34	8.00	6.1	2.871	106.7	3.7	0.9
1180	8/31/2016 21:31:05	17.29	51.04	33.56	8.28	8.00	6.5	2.963	105.6	4.0	0.9
1181	8/31/2016 21:46:05	17.00	50.76	33.35	8.28	8.00	7.1	3.056	104.8	3.2	0.8
1182	8/31/2016 22:01:05	16.77	50.76	33.36	8.33	8.00	7.2	3.142	104.9	3.3	0.8
1183	8/31/2016 22:16:05	16.51	50.76	33.35	8.36	8.00	9.2	3.234	104.8	4.1	1.0
1184	8/31/2016 22:31:05	16.05	50.51	33.15	8.42	8.01	12.0	3.336	104.5	3.3	0.8
1185	8/31/2016 22:46:05	15.67	50.51	33.15	8.44	8.01	8.2	3.421	103.9	3.8	0.9
1186	8/31/2016 23:01:05	15.22	50.52	33.15	8.40	8.01	7.5	3.511	102.6	3.5	0.8
1187	8/31/2016 23:16:05	14.92	50.36	33.03	8.40	8.00	6.2	3.590	101.8	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
1188	8/31/2016 23:31:05	14.71	50.47	33.10	8.44	8.01	5.3	3.672	101.9	3.4	0.8
1189	8/31/2016 23:46:04	14.68	50.41	33.05	8.46	8.01	4.3	3.728	102.1	3.3	0.8
1190	9/1/2016 00:01:05	14.56	50.54	33.14	8.47	8.01	2.9	3.771	102.0	3.6	0.9
1191	9/1/2016 00:16:05	14.53	50.41	33.05	8.40	8.01	2.8	3.813	101.1	3.8	0.9
1192	9/1/2016 00:31:05	14.53	51.52	33.86	8.17	8.00	2.1	3.819	98.7	3.4	0.8
1193	9/1/2016 00:46:05	14.45	50.39	33.03	8.22	8.00	2.8	3.807	98.7	2.1	0.5
1194	9/1/2016 01:01:05	14.45	50.37	33.02	8.35	8.01	3.1	3.762	100.3	2.5	0.6
1195	9/1/2016 01:16:05	14.63	50.44	33.08	8.32	8.01	3.7	3.708	100.3	2.5	0.6
1196	9/1/2016 01:31:05	14.81	50.54	33.15	8.18	8.00	5.6	3.629	99.0	3.2	0.8
1197	9/1/2016 01:46:05	14.65	50.28	32.96	8.26	7.99	6.8	3.524	99.5	3.5	0.8
1198	9/1/2016 02:01:05	14.80	50.21	32.91	8.24	7.99	6.8	3.409	99.6	3.8	0.9
1199	9/1/2016 02:16:05	15.45	50.34	33.02	8.11	7.99	8.7	3.295	99.4	3.8	0.9
1200	9/1/2016 02:31:05	15.85	50.62	33.24	8.14	7.99	7.8	3.185	100.7	2.9	0.7
1201	9/1/2016 02:46:05	16.25	50.38	33.07	8.08	7.99	7.7	3.062	100.6	3.0	0.7
1202	9/1/2016 03:01:05	16.69	50.61	33.24	7.85	7.98	8.5	2.931	98.7	2.9	0.7
1203	9/1/2016 03:16:05	17.07	50.59	33.23	7.70	7.97	8.0	2.817	97.5	2.6	0.6
1204	9/1/2016 03:31:05	17.28	50.67	33.29	7.72	7.97	8.1	2.696	98.2	2.9	0.7
1205	9/1/2016 03:46:05	17.60	50.61	33.25	7.66	7.97	7.6	2.560	98.0	3.1	0.7
1206	9/1/2016 04:01:05	17.55	50.69	33.31	7.53	7.96	8.1	2.430	96.2	3.0	0.7
1207	9/1/2016 04:16:05	17.44	50.54	33.20	7.56	7.96	7.0	2.303	96.3	2.8	0.7
1208	9/1/2016 04:31:05	17.22	50.68	33.30	7.59	7.96	7.5	2.167	96.4	2.8	0.7
1209	9/1/2016 04:46:05	17.33	50.65	33.28	7.65	7.97	7.7	2.026	97.4	3.4	0.8
1210	9/1/2016 05:01:05	17.56	50.84	33.42	7.57	7.97	8.6	1.893	96.9	2.9	0.7
1211	9/1/2016 05:16:05	17.61	50.72	33.33	7.59	7.96	7.2	1.774	97.2	2.8	0.7
1212	9/1/2016 05:31:05	17.77	50.82	33.41	7.51	7.96	6.8	1.657	96.4	2.8	0.7
1213	9/1/2016 05:46:05	17.82	50.84	33.42	7.51	7.96	6.4	1.531	96.6	4.0	1.0
1214	9/1/2016 06:01:05	18.15	50.72	33.34	7.54	7.98	5.9	1.460	97.6	2.7	0.6
1215	9/1/2016 06:16:05	18.01	50.82	33.41	7.37	7.96	6.4	1.401	95.2	2.6	0.6
1216	9/1/2016 06:31:05	18.04	50.64	33.27	7.30	7.96	5.2	1.362	94.2	2.7	0.6
1217	9/1/2016 06:46:05	18.03	50.78	33.38	7.28	7.96	4.8	1.360	94.0	3.1	0.7
1218	9/1/2016 07:01:05	18.13	50.88	33.45	7.54	7.98	5.1	1.389	97.5	2.7	0.6
1219	9/1/2016 07:16:05	18.26	51.08	33.60	7.49	7.98	5.3	1.459	97.3	3.0	0.7
1220	9/1/2016 07:31:05	18.60	51.26	33.74	7.58	8.00	5.4	1.513	99.1	2.9	0.7
1221	9/1/2016 07:46:05	18.60	51.38	33.82	7.59	8.00	5.7	1.612	99.3	2.9	0.7
1222	9/1/2016 08:01:05	18.56	51.42	33.85	7.56	8.00	6.5	1.701	98.9	2.9	0.7
1223	9/1/2016 08:16:05	18.55	51.46	33.88	7.55	8.00	7.0	1.797	98.7	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
1224	9/1/2016 08:31:05	18.33	51.42	33.85	7.53	7.99	7.5	1.890	98.0	2.6	0.6
1225	9/1/2016 08:46:05	18.13	51.32	33.78	7.51	7.98	6.5	1.978	97.3	2.8	0.7
1226	9/1/2016 09:01:05	18.16	51.53	33.93	7.50	7.98	6.8	2.080	97.4	2.9	0.7
1227	9/1/2016 09:16:05	18.23	51.42	33.85	7.49	7.99	6.8	2.178	97.3	2.6	0.6
1228	9/1/2016 09:31:05	18.23	51.18	33.68	7.50	7.98	6.8	2.282	97.3	3.1	0.7
1229	9/1/2016 09:46:05	18.17	51.03	33.57	7.53	7.98	6.9	2.380	97.6	2.1	0.5
1230	9/1/2016 10:01:05	18.01	51.01	33.55	7.57	7.98	7.0	2.481	97.8	2.6	0.6
1231	9/1/2016 10:16:05	17.76	50.93	33.49	7.62	7.98	7.3	2.585	98.0	2.4	0.6
1232	9/1/2016 10:31:05	17.57	51.11	33.62	7.61	7.97	7.5	2.684	97.5	2.7	0.6
1233	9/1/2016 10:46:05	17.38	51.26	33.72	7.61	7.97	7.8	2.774	97.2	2.5	0.6
1234	9/1/2016 11:01:05	17.27	51.25	33.71	7.61	7.97	8.5	2.871	97.0	2.5	0.6
1235	9/1/2016 11:16:04	16.87	51.10	33.60	7.57	7.96	12.0	2.965	95.7	2.8	0.7
1236	9/1/2016 11:31:05	16.56	50.78	33.36	7.64	7.96	10.1	3.055	95.9	3.5	0.8
1237	9/1/2016 11:46:05	16.06	51.00	33.52	7.83	7.97	8.8	3.148	97.3	2.7	0.6
1238	9/1/2016 12:01:05	15.79	51.14	33.61	7.92	7.98	10.0	3.227	98.1	2.9	0.7
1239	9/1/2016 12:16:05	15.58	51.01	33.51	7.99	7.98	7.6	3.314	98.5	3.1	0.7
1240	9/1/2016 12:31:04	15.47	51.03	33.53	8.04	7.99	6.4	3.398	98.9	3.3	0.8
1241	9/1/2016 12:46:05	15.44	50.98	33.49	8.07	7.99	4.5	3.454	99.2	3.2	0.8
1242	9/1/2016 13:01:05	15.36	50.98	33.49	8.09	7.99	3.9	3.514	99.2	2.2	0.5
1243	9/1/2016 13:16:05	15.21	50.56	33.17	8.06	7.99	3.3	3.548	98.4	2.6	0.6
1244	9/1/2016 13:31:05	15.51	50.80	33.36	7.99	8.00	3.9	3.557	98.2	2.9	0.7
1245	9/1/2016 13:46:05	15.08	50.83	33.37	7.95	7.99	3.2	3.552	96.9	2.3	0.5
1246	9/1/2016 14:01:05	15.23	50.59	33.20	7.96	7.99	3.2	3.518	97.2	1.6	0.4
1247	9/1/2016 14:16:05	15.34	50.71	33.29	7.97	7.99	3.8	3.443	97.6	2.9	0.7
1248	9/1/2016 14:31:05	15.87	50.53	33.17	8.13	8.00	5.2	3.365	100.5	2.9	0.7
1249	9/1/2016 14:46:05	15.84	50.87	33.42	8.32	8.01	7.0	3.276	102.9	3.1	0.7
1250	9/1/2016 15:01:05	16.14	50.74	33.33	8.45	8.02	7.2	3.169	105.1	2.7	0.7
1251	9/1/2016 15:16:05	16.43	50.96	33.49	8.42	8.02	7.8	3.063	105.4	3.1	0.7
1252	9/1/2016 15:31:05	16.85	50.74	33.34	8.36	8.03	7.1	2.956	105.5	3.1	0.7
1253	9/1/2016 15:46:05	17.31	50.67	33.29	8.48	8.03	8.6	2.864	107.9	3.0	0.7
1254	9/1/2016 16:01:05	17.71	50.99	33.53	8.41	8.03	8.1	2.758	108.0	3.0	0.7
1255	9/1/2016 16:16:05	18.06	51.12	33.63	8.62	8.04	8.5	2.647	111.4	3.0	0.7
1256	9/1/2016 16:31:05	18.34	50.94	33.50	8.70	8.05	7.9	2.557	113.0	3.1	0.7
1257	9/1/2016 16:46:05	18.48	50.72	33.33	8.67	8.05	9.1	2.467	112.9	3.3	0.8
1258	9/1/2016 17:01:05	18.57	50.87	33.45	8.83	8.06	8.7	2.364	115.2	2.9	0.7
1259	9/1/2016 17:16:05	18.51	51.01	33.55	8.73	8.06	8.4	2.261	113.8	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1260	9/1/2016 17:31:05	18.55	50.92	33.49	8.83	8.07	8.5	2.178	115.1	3.4	0.8
1261	9/1/2016 17:46:05	18.59	50.88	33.45	8.80	8.07	7.5	2.099	114.9	2.9	0.7
1262	9/1/2016 18:01:05	18.64	50.93	33.49	8.71	8.06	7.5	2.016	113.8	2.6	0.6
1263	9/1/2016 18:16:05	18.70	51.13	33.64	8.45	8.05	6.8	1.955	110.6	3.5	0.8
1264	9/1/2016 18:31:05	18.74	51.00	33.54	8.61	8.06	6.3	1.907	112.8	3.5	0.8
1265	9/1/2016 18:46:05	18.73	50.92	33.49	8.11	8.03	4.7	1.896	106.1	2.7	0.6
1266	9/1/2016 19:01:05	18.50	50.81	33.40	9.01	8.08	6.3	1.887	117.4	2.4	0.6
1267	9/1/2016 19:16:05	18.54	50.89	33.46	8.81	8.07	6.5	1.890	114.8	3.0	0.7
1268	9/1/2016 19:31:05	18.70	50.86	33.44	8.79	8.07	7.0	1.962	114.9	3.6	0.8
1269	9/1/2016 19:46:05	19.03	50.74	33.35	8.55	8.06	7.6	2.015	112.5	3.8	0.9
1270	9/1/2016 20:01:04	19.21	51.13	33.64	8.40	8.05	7.9	2.086	111.1	3.8	0.9
1271	9/1/2016 20:16:05	19.36	51.06	33.58	8.31	8.03	9.9	2.184	110.1	4.2	1.0
1272	9/1/2016 20:31:05	19.38	50.78	33.38	8.28	8.03	11.2	2.269	109.6	4.3	1.0
1273	9/1/2016 20:46:05	18.98	50.84	33.42	8.47	8.04	9.6	2.361	111.4	4.0	1.0
1274	9/1/2016 21:01:04	18.83	50.86	33.44	8.54	8.04	8.1	2.447	111.9	4.4	1.0
1275	9/1/2016 21:16:04	18.78	50.98	33.53	8.46	8.03	9.0	2.537	110.8	4.0	0.9
1276	9/1/2016 21:31:05	18.26	50.88	33.45	8.19	8.01	7.9	2.620	106.2	4.0	0.9
1277	9/1/2016 21:46:05	18.05	50.63	33.27	8.04	8.00	6.9	2.706	103.7	4.0	1.0
1278	9/1/2016 22:01:05	17.85	50.70	33.32	8.01	7.99	7.5	2.789	103.0	3.8	0.9
1279	9/1/2016 22:16:05	17.56	50.87	33.44	8.03	8.00	7.8	2.879	102.8	3.6	0.9
1280	9/1/2016 22:31:05	17.24	50.70	33.31	8.12	8.00	7.7	2.970	103.2	3.7	0.9
1281	9/1/2016 22:46:05	17.06	50.60	33.24	8.10	8.00	8.7	3.052	102.5	3.9	0.9
1282	9/1/2016 23:01:05	16.88	50.68	33.30	8.14	8.00	9.3	3.151	102.7	3.7	0.9
1283	9/1/2016 23:16:05	16.35	50.46	33.13	8.24	8.00	12.2	3.240	102.8	4.0	0.9
1284	9/1/2016 23:31:05	15.94	50.51	33.16	8.25	8.00	12.3	3.323	102.1	3.9	0.9
1285	9/1/2016 23:46:05	15.56	50.38	33.05	8.27	8.00	9.3	3.426	101.6	4.4	1.0
1286	9/2/2016 00:01:05	15.25	50.60	33.21	8.30	8.01	9.0	3.500	101.4	3.8	0.9
1287	9/2/2016 00:16:05	15.13	50.43	33.08	8.34	8.00	7.5	3.579	101.6	4.2	1.0
1288	9/2/2016 00:31:05	14.90	50.57	33.18	8.39	8.01	5.2	3.636	101.8	3.6	0.8
1289	9/2/2016 00:46:05	14.83	50.48	33.11	8.40	8.02	3.1	3.684	101.7	4.1	1.0
1290	9/2/2016 01:01:05	14.82	50.37	33.03	8.31	8.02	2.9	3.715	100.5	3.8	0.9
1291	9/2/2016 01:16:04	15.16	50.59	33.20	8.02	8.00	3.8	3.725	97.8	3.2	0.8
1292	9/2/2016 01:31:05	14.84	50.55	33.16	8.11	8.00	3.4	3.703	98.3	2.6	0.6
1293	9/2/2016 01:46:05	15.06	50.66	33.25	8.07	8.00	5.1	3.653	98.2	2.7	0.6
1294	9/2/2016 02:01:05	15.27	50.46	33.10	8.01	8.00	6.3	3.589	97.8	2.6	0.6
1295	9/2/2016 02:16:05	15.30	50.32	33.00	7.98	7.99	7.8	3.509	97.5	3.6	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
1296	9/2/2016 02:31:05	15.05	50.66	33.25	8.09	7.99	6.4	3.399	98.4	4.0	0.9
1297	9/2/2016 02:46:06	15.35	50.69	33.27	8.04	7.99	7.7	3.292	98.5	3.3	0.8
1298	9/2/2016 03:01:05	15.88	50.56	33.19	7.90	7.98	8.0	3.182	97.7	3.5	0.8
1299	9/2/2016 03:16:06	16.15	50.52	33.17	7.88	7.98	7.4	3.069	97.9	3.7	0.9
1300	9/2/2016 03:31:05	16.62	50.69	33.30	7.62	7.97	6.5	2.957	95.7	3.5	0.8
1301	9/2/2016 03:46:05	16.88	50.66	33.28	7.56	7.97	7.8	2.837	95.4	2.8	0.7
1302	9/2/2016 04:01:05	17.27	50.78	33.37	7.42	7.96	7.9	2.723	94.4	3.2	0.8
1303	9/2/2016 04:16:05	17.48	50.82	33.40	7.28	7.96	8.0	2.606	93.0	3.2	0.8
1304	9/2/2016 04:31:05	17.73	50.79	33.38	7.24	7.96	7.6	2.477	92.9	3.2	0.8
1305	9/2/2016 04:46:05	17.82	50.82	33.41	7.28	7.96	8.4	2.353	93.7	3.1	0.7
1306	9/2/2016 05:01:05	17.83	50.70	33.32	7.29	7.97	10.4	2.236	93.7	3.2	0.8
1307	9/2/2016 05:16:05	17.62	50.76	33.36	7.29	7.96	8.3	2.097	93.4	2.8	0.7
1308	9/2/2016 05:31:05	17.53	50.61	33.25	7.24	7.95	7.8	1.977	92.5	3.0	0.7
1309	9/2/2016 05:46:06	17.70	50.69	33.31	7.10	7.95	8.0	1.852	91.0	2.9	0.7
1310	9/2/2016 06:01:05	17.82	50.64	33.27	7.11	7.95	7.3	1.738	91.4	3.0	0.7
1311	9/2/2016 06:16:05	17.87	50.35	33.06	7.09	7.95	6.8	1.639	91.0	2.9	0.7
1312	9/2/2016 06:31:05	18.03	51.00	33.54	7.15	7.95	6.5	1.552	92.3	2.6	0.6
1313	9/2/2016 06:46:05	18.02	50.85	33.43	7.05	7.94	6.4	1.492	91.0	3.0	0.7
1314	9/2/2016 07:01:05	18.12	51.37	33.81	6.94	7.94	5.1	1.454	90.0	3.1	0.7
1315	9/2/2016 07:16:05	18.11	50.53	33.19	6.69	7.93	4.5	1.445	86.4	2.6	0.6
1316	9/2/2016 07:31:05	18.10	50.98	33.52	7.11	7.95	5.5	1.471	92.0	2.5	0.6
1317	9/2/2016 07:46:05	18.10	50.95	33.51	7.14	7.95	4.8	1.502	92.4	2.2	0.5
1318	9/2/2016 08:01:05	18.35	51.30	33.76	7.19	7.97	5.3	1.586	93.6	2.7	0.6
1319	9/2/2016 08:16:05	18.48	51.44	33.87	7.15	7.97	5.7	1.657	93.3	2.6	0.6
1320	9/2/2016 08:31:05	18.42	51.30	33.76	7.13	7.97	5.7	1.747	92.9	2.4	0.6
1321	9/2/2016 08:46:05	18.41	51.37	33.82	7.13	7.97	6.1	1.843	93.0	2.5	0.6
1322	9/2/2016 09:01:05	18.19	51.04	33.57	7.15	7.97	7.0	1.929	92.6	2.7	0.6
1323	9/2/2016 09:16:05	18.03	51.04	33.57	7.17	7.96	6.5	2.032	92.6	2.7	0.6
1324	9/2/2016 09:31:05	17.97	51.51	33.92	7.17	7.96	5.9	2.117	92.7	2.5	0.6
1325	9/2/2016 09:46:05	18.01	51.19	33.68	7.20	7.96	5.6	2.212	93.1	2.7	0.6
1326	9/2/2016 10:01:05	18.09	51.13	33.64	7.18	7.96	6.7	2.319	92.9	2.4	0.6
1327	9/2/2016 10:16:06	18.06	51.04	33.57	7.19	7.96	7.4	2.411	92.9	2.4	0.6
1328	9/2/2016 10:31:05	17.87	51.37	33.81	7.31	7.97	7.5	2.510	94.3	2.7	0.6
1329	9/2/2016 10:46:05	17.70	51.16	33.66	7.38	7.97	7.2	2.608	94.9	3.2	0.8
1330	9/2/2016 11:01:05	17.48	51.01	33.55	7.44	7.97	8.2	2.705	95.2	2.6	0.6
1331	9/2/2016 11:16:05	17.32	51.02	33.55	7.49	7.97	8.3	2.794	95.4	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
1332	9/2/2016 11:31:05	17.15	50.78	33.37	7.58	7.97	7.8	2.886	96.2	3.0	0.7
1333	9/2/2016 11:46:05	16.87	50.79	33.38	7.62	7.97	9.9	2.986	96.3	3.6	0.8
1334	9/2/2016 12:01:06	16.51	50.91	33.46	7.69	7.98	9.8	3.066	96.5	3.0	0.7
1335	9/2/2016 12:16:06	16.03	51.11	33.60	7.76	7.98	8.7	3.155	96.5	3.1	0.7
1336	9/2/2016 12:31:05	15.64	50.65	33.25	7.85	7.98	9.4	3.245	96.6	3.2	0.8
1337	9/2/2016 12:46:05	15.41	50.94	33.46	7.89	7.99	7.8	3.328	96.9	3.2	0.8
1338	9/2/2016 13:01:05	15.18	50.57	33.19	7.94	8.00	6.8	3.403	96.9	3.4	0.8
1339	9/2/2016 13:16:05	15.00	50.71	33.28	7.98	8.00	5.2	3.461	97.0	3.7	0.9
1340	9/2/2016 13:31:05	14.93	50.76	33.32	7.95	8.00	3.6	3.515	96.6	3.3	0.8
1341	9/2/2016 13:46:04	14.71	50.52	33.13	7.94	8.00	3.1	3.557	95.9	2.7	0.6
1342	9/2/2016 14:01:04	14.61	50.81	33.35	7.80	8.00	2.9	3.569	94.2	2.2	0.5
1343	9/2/2016 14:16:04	14.57	50.60	33.19	7.73	7.99	2.8	3.552	93.1	2.1	0.5
1344	9/2/2016 14:31:05	14.66	50.80	33.34	7.73	7.99	4.1	3.528	93.4	2.3	0.5
1345	9/2/2016 14:46:05	14.87	50.47	33.11	7.80	8.00	3.7	3.475	94.5	2.6	0.6
1346	9/2/2016 15:01:05	15.43	50.60	33.21	8.12	8.02	5.7	3.380	99.5	2.5	0.6
1347	9/2/2016 15:16:05	15.72	50.91	33.44	8.35	8.03	6.8	3.289	103.1	3.3	0.8
1348	9/2/2016 15:31:05	15.94	50.58	33.21	8.54	8.04	6.5	3.192	105.7	3.4	0.8
1349	9/2/2016 15:46:05	16.25	50.93	33.47	8.41	8.04	8.6	3.083	105.0	2.9	0.7
1350	9/2/2016 16:01:05	16.62	50.37	33.06	8.51	8.04	8.4	2.987	106.7	4.0	0.9
1351	9/2/2016 16:16:05	17.15	50.75	33.35	8.52	8.05	8.1	2.874	108.2	3.4	0.8
1352	9/2/2016 16:31:05	17.58	50.90	33.46	8.77	8.07	8.3	2.760	112.3	2.8	0.7
1353	9/2/2016 16:46:05	18.05	50.69	33.31	8.85	8.07	8.6	2.672	114.3	3.2	0.8
1354	9/2/2016 17:01:05	18.26	50.92	33.48	8.76	8.07	9.0	2.576	113.6	3.0	0.7
1355	9/2/2016 17:16:05	18.43	50.90	33.47	8.79	8.07	9.5	2.467	114.3	3.2	0.8
1356	9/2/2016 17:31:05	18.56	51.01	33.55	8.98	8.09	9.7	2.356	117.2	3.2	0.8
1357	9/2/2016 17:46:05	18.57	50.34	33.06	8.89	8.08	9.2	2.267	115.8	2.7	0.6
1358	9/2/2016 18:01:05	18.54	50.76	33.36	8.78	8.08	9.7	2.179	114.4	3.1	0.7
1359	9/2/2016 18:16:05	18.58	51.13	33.64	8.78	8.08	7.9	2.073	114.7	3.4	0.8
1360	9/2/2016 18:31:05	18.47	50.92	33.48	8.82	8.09	7.3	1.986	114.9	2.4	0.6
1361	9/2/2016 18:46:05	18.50	51.23	33.71	8.63	8.08	6.4	1.929	112.6	2.4	0.6
1362	9/2/2016 19:01:05	18.67	50.96	33.51	8.45	8.07	5.6	1.877	110.4	2.7	0.6
1363	9/2/2016 19:16:05	18.48	50.87	33.45	8.61	8.08	6.5	1.840	112.2	3.0	0.7
1364	9/2/2016 19:31:05	18.49	50.70	33.33	8.41	8.06	6.5	1.812	109.4	2.8	0.7
1365	9/2/2016 19:46:05	18.34	50.26	33.00	8.98	8.11	6.9	1.853	116.3	3.3	0.8
1366	9/2/2016 20:01:05	18.67	51.02	33.56	8.56	8.08	6.9	1.886	111.9	3.5	0.8
1367	9/2/2016 20:16:05	18.72	50.85	33.43	8.54	8.07	7.5	1.918	111.7	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1368	9/2/2016 20:31:05	19.28	51.13	33.64	8.26	8.07	8.3	2.004	109.3	3.5	0.8
1369	9/2/2016 20:46:05	19.15	50.70	33.32	8.24	8.06	8.4	2.084	108.6	3.8	0.9
1370	9/2/2016 21:01:04	19.27	50.64	33.28	8.12	8.04	10.1	2.179	107.2	3.7	0.9
1371	9/2/2016 21:16:05	19.08	50.57	33.23	8.24	8.05	9.3	2.255	108.4	4.1	1.0
1372	9/2/2016 21:31:05	18.87	51.04	33.57	8.32	8.05	8.1	2.344	109.2	4.1	1.0
1373	9/2/2016 21:46:05	18.80	50.91	33.48	8.34	8.05	7.9	2.440	109.3	4.3	1.0
1374	9/2/2016 22:01:05	18.64	50.81	33.40	8.28	8.05	8.8	2.513	108.2	3.8	0.9
1375	9/2/2016 22:16:05	18.24	50.77	33.37	8.14	8.04	7.8	2.600	105.5	3.4	0.8
1376	9/2/2016 22:31:05	18.07	50.90	33.47	8.04	8.03	8.6	2.688	103.9	3.8	0.9
1377	9/2/2016 22:46:05	17.79	50.66	33.29	8.09	8.03	7.6	2.767	103.9	3.4	0.8
1378	9/2/2016 23:01:05	17.50	50.54	33.20	8.14	8.03	7.3	2.846	103.9	3.9	0.9
1379	9/2/2016 23:16:05	17.24	50.57	33.22	8.14	8.03	7.8	2.936	103.3	3.4	0.8
1380	9/2/2016 23:31:06	17.08	50.74	33.34	8.14	8.04	7.6	3.021	103.1	4.0	1.0
1381	9/2/2016 23:46:05	16.82	50.57	33.21	8.14	8.03	8.7	3.098	102.6	4.1	1.0
1382	9/3/2016 00:01:05	16.39	50.52	33.17	8.13	8.03	9.3	3.192	101.5	3.9	0.9
1383	9/3/2016 00:16:05	15.93	50.53	33.17	8.11	8.03	10.0	3.275	100.4	3.7	0.9
1384	9/3/2016 00:31:05	15.41	50.60	33.21	8.03	8.02	7.3	3.348	98.5	2.9	0.7
1385	9/3/2016 00:46:05	14.99	50.47	33.10	7.95	8.02	6.2	3.425	96.5	3.5	0.8
1386	9/3/2016 01:01:05	14.81	50.80	33.34	7.90	8.02	5.9	3.491	95.7	3.1	0.7
1387	9/3/2016 01:16:05	14.69	50.30	32.98	7.88	8.02	5.7	3.547	95.1	3.9	0.9
1388	9/3/2016 01:31:05	14.57	50.41	33.05	7.90	8.02	3.6	3.578	95.1	3.7	0.9
1389	9/3/2016 01:46:04	14.49	50.22	32.91	7.74	8.01	2.6	3.601	93.0	2.4	0.6
1390	9/3/2016 02:01:05	14.45	50.41	33.05	7.68	8.00	2.9	3.599	92.3	2.8	0.7
1391	9/3/2016 02:16:05	14.44	50.24	32.92	7.67	8.00	2.6	3.578	92.0	2.2	0.5
1392	9/3/2016 02:31:05	14.53	50.32	32.99	7.71	8.00	4.1	3.520	92.7	2.7	0.6
1393	9/3/2016 02:46:05	15.10	50.42	33.07	7.68	8.00	5.6	3.451	93.5	3.2	0.8
1394	9/3/2016 03:01:05	15.26	50.41	33.07	7.67	8.00	5.7	3.375	93.7	3.5	0.8
1395	9/3/2016 03:16:05	15.34	50.69	33.28	7.64	8.00	6.4	3.270	93.6	3.2	0.8
1396	9/3/2016 03:31:05	15.51	50.25	32.95	7.65	8.00	7.1	3.173	93.8	3.1	0.7
1397	9/3/2016 03:46:05	16.15	50.47	33.13	7.66	8.01	8.4	3.058	95.3	3.2	0.8
1398	9/3/2016 04:01:05	16.57	50.56	33.20	7.65	8.01	7.0	2.959	95.9	3.5	0.8
1399	9/3/2016 04:16:05	17.01	50.44	33.12	7.50	8.00	8.3	2.861	94.8	3.3	0.8
1400	9/3/2016 04:31:05	17.26	50.70	33.31	7.27	7.99	8.9	2.742	92.4	2.4	0.6
1401	9/3/2016 04:46:05	17.47	50.51	33.17	7.27	7.98	7.2	2.636	92.8	3.1	0.7
1402	9/3/2016 05:01:05	17.63	50.69	33.31	7.12	7.98	6.2	2.533	91.2	2.9	0.7
1403	9/3/2016 05:16:05	17.74	50.22	32.96	7.16	7.98	7.0	2.418	91.7	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
1404	9/3/2016 05:31:04	17.63	51.03	33.56	6.88	7.96	7.5	2.293	88.2	3.2	0.8
1405	9/3/2016 05:46:05	17.65	51.25	33.72	7.02	7.97	7.1	2.177	90.2	3.2	0.8
1406	9/3/2016 06:01:05	17.66	50.98	33.52	7.19	7.98	7.5	2.070	92.2	3.1	0.7
1407	9/3/2016 06:16:06	17.72	50.89	33.45	7.05	7.97	7.5	1.941	90.5	3.0	0.7
1408	9/3/2016 06:31:05	17.79	50.79	33.38	7.07	7.97	6.8	1.848	90.8	2.8	0.7
1409	9/3/2016 06:46:05	17.84	50.88	33.45	7.03	7.97	6.7	1.752	90.4	2.7	0.6
1410	9/3/2016 07:01:05	17.91	51.18	33.67	6.84	7.95	7.2	1.673	88.3	3.0	0.7
1411	9/3/2016 07:16:06	18.03	50.72	33.33	6.93	7.96	6.2	1.610	89.4	2.4	0.6
1412	9/3/2016 07:31:05	18.15	51.04	33.57	6.96	7.97	5.4	1.568	90.1	2.2	0.5
1413	9/3/2016 07:46:05	18.13	50.77	33.37	6.76	7.95	5.1	1.569	87.4	2.0	0.5
1414	9/3/2016 08:01:05	18.21	51.17	33.67	7.01	7.98	4.4	1.558	90.9	2.7	0.6
1415	9/3/2016 08:16:05	18.44	50.98	33.53	7.04	7.99	4.8	1.599	91.7	2.5	0.6
1416	9/3/2016 08:31:05	18.41	51.06	33.58	7.09	7.99	5.5	1.669	92.2	2.7	0.6
1417	9/3/2016 08:46:05	18.60	51.31	33.77	7.07	8.00	5.6	1.730	92.4	2.8	0.7
1418	9/3/2016 09:01:05	18.56	51.08	33.60	7.09	7.99	5.9	1.810	92.6	2.9	0.7
1419	9/3/2016 09:16:05	18.48	51.10	33.61	7.13	7.99	6.4	1.911	93.0	2.9	0.7
1420	9/3/2016 09:31:06	18.31	51.01	33.55	7.15	7.99	6.5	1.998	92.9	2.4	0.6
1421	9/3/2016 09:46:05	18.15	51.31	33.77	7.17	7.99	5.9	2.085	93.0	2.8	0.7
1422	9/3/2016 10:01:05	18.08	50.88	33.46	7.21	7.99	5.4	2.183	93.1	2.2	0.5
1423	9/3/2016 10:16:05	18.15	51.15	33.65	7.21	7.99	5.5	2.270	93.5	3.2	0.8
1424	9/3/2016 10:31:05	18.17	51.02	33.56	7.24	7.99	5.5	2.361	93.8	3.1	0.7
1425	9/3/2016 10:46:05	18.08	51.11	33.62	7.29	7.99	5.9	2.453	94.3	3.0	0.7
1426	9/3/2016 11:01:05	17.94	51.00	33.54	7.36	8.00	6.7	2.547	95.0	3.3	0.8
1427	9/3/2016 11:16:05	17.74	50.72	33.33	7.47	8.00	7.3	2.638	95.9	2.9	0.7
1428	9/3/2016 11:31:05	17.50	50.79	33.38	7.50	8.00	6.6	2.726	95.9	3.0	0.7
1429	9/3/2016 11:46:05	17.27	51.03	33.56	7.53	8.00	7.9	2.819	95.9	3.4	0.8
1430	9/3/2016 12:01:05	17.15	50.99	33.52	7.58	8.00	8.4	2.913	96.2	2.8	0.7
1431	9/3/2016 12:16:05	16.89	50.85	33.42	7.60	7.99	7.6	2.999	96.0	3.3	0.8
1432	9/3/2016 12:31:05	16.49	50.92	33.46	7.68	8.00	8.0	3.088	96.2	3.0	0.7
1433	9/3/2016 12:46:05	16.09	50.71	33.31	7.67	8.00	9.0	3.179	95.4	3.6	0.9
1434	9/3/2016 13:01:05	15.55	50.79	33.36	7.68	7.99	6.6	3.267	94.5	3.7	0.9
1435	9/3/2016 13:16:05	15.18	50.81	33.36	7.68	8.00	6.1	3.347	93.8	3.3	0.8
1436	9/3/2016 13:31:05	14.84	50.68	33.26	7.71	8.00	5.4	3.419	93.5	3.4	0.8
1437	9/3/2016 13:46:05	14.60	50.64	33.22	7.70	8.00	5.9	3.477	92.9	3.7	0.9
1438	9/3/2016 14:01:04	14.40	50.56	33.16	7.67	8.00	3.6	3.531	92.1	2.5	0.6
1439	9/3/2016 14:16:05	14.28	50.67	33.23	7.57	8.00	3.4	3.552	90.7	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
1440	9/3/2016 14:31:05	14.30	50.64	33.21	7.35	7.99	2.9	3.561	88.1	18.5	4.4
1441	9/3/2016 14:46:05	14.29	50.56	33.16	7.40	7.98	3.2	3.554	88.6	1.9	0.4
1442	9/3/2016 15:01:05	14.38	50.73	33.28	7.47	7.99	3.8	3.512	89.7	2.1	0.5
1443	9/3/2016 15:16:05	14.63	50.58	33.18	7.53	7.99	3.8	3.447	90.8	2.4	0.6
1444	9/3/2016 15:31:05	15.47	50.93	33.45	8.02	8.02	4.9	3.371	98.5	2.4	0.6
1445	9/3/2016 15:46:05	15.73	50.66	33.26	8.25	8.04	6.0	3.286	101.8	2.8	0.7
1446	9/3/2016 16:01:06	15.73	51.02	33.53	8.30	8.04	5.6	3.187	102.6	3.2	0.8
1447	9/3/2016 16:16:05	15.95	50.42	33.09	8.48	8.04	6.8	3.085	105.0	2.8	0.7
1448	9/3/2016 16:31:05	16.95	50.78	33.37	8.50	8.06	8.3	2.988	107.5	3.2	0.8
1449	9/3/2016 16:46:06	17.51	51.01	33.54	8.65	8.07	6.8	2.878	110.6	3.4	0.8
1450	9/3/2016 17:01:05	17.91	50.98	33.53	8.89	8.08	6.5	2.788	114.6	2.9	0.7
1451	9/3/2016 17:16:05	18.23	50.62	33.27	8.93	8.08	7.7	2.681	115.6	3.1	0.7
1452	9/3/2016 17:31:05	18.53	50.89	33.46	9.00	8.09	8.3	2.581	117.3	3.2	0.8
1453	9/3/2016 17:46:05	18.71	50.85	33.44	9.14	8.10	7.9	2.485	119.5	3.0	0.7
1454	9/3/2016 18:01:05	18.78	50.91	33.48	9.08	8.10	7.5	2.380	119.0	3.5	0.8
1455	9/3/2016 18:16:05	18.79	50.96	33.51	9.15	8.11	8.0	2.299	119.9	3.3	0.8
1456	9/3/2016 18:31:05	18.78	50.81	33.41	9.01	8.10	7.2	2.197	117.9	3.1	0.7
1457	9/3/2016 18:46:05	18.67	50.97	33.52	8.99	8.10	6.8	2.097	117.5	3.2	0.8
1458	9/3/2016 19:01:05	18.41	50.98	33.53	9.25	8.12	6.0	2.015	120.4	2.6	0.6
1459	9/3/2016 19:16:05	18.46	50.75	33.36	9.34	8.13	7.5	1.935	121.6	3.5	0.8
1460	9/3/2016 19:31:05	18.59	50.84	33.42	9.08	8.12	7.2	1.870	118.5	3.0	0.7
1461	9/3/2016 19:46:05	18.68	50.84	33.43	9.04	8.12	6.5	1.817	118.1	3.1	0.7
1462	9/3/2016 20:01:05	18.93	50.81	33.40	8.82	8.10	7.5	1.799	115.8	3.5	0.8
1463	9/3/2016 20:16:05	19.29	50.31	33.04	8.54	8.09	6.0	1.803	112.6	3.6	0.9
1464	9/3/2016 20:31:04	19.57	51.05	33.58	8.63	8.09	6.7	1.808	114.8	4.1	1.0
1465	9/3/2016 20:46:05	19.50	50.97	33.52	8.64	8.09	7.0	1.846	114.7	3.7	0.9
1466	9/3/2016 21:01:05	19.69	51.29	33.75	8.59	8.09	7.6	1.915	114.7	3.5	0.8
1467	9/3/2016 21:16:05	19.55	51.02	33.56	8.53	8.08	7.8	1.986	113.5	3.6	0.9
1468	9/3/2016 21:31:05	19.58	50.99	33.54	8.36	8.06	8.6	2.059	111.2	3.3	0.8
1469	9/3/2016 21:46:05	19.76	51.13	33.64	8.19	8.05	9.8	2.153	109.3	4.1	1.0
1470	9/3/2016 22:01:05	19.44	50.83	33.42	8.35	8.06	8.6	2.237	110.7	3.8	0.9
1471	9/3/2016 22:16:05	19.24	50.86	33.44	8.40	8.06	7.5	2.320	111.0	4.1	1.0
1472	9/3/2016 22:31:04	19.22	50.76	33.37	8.40	8.06	7.8	2.409	110.9	4.0	0.9
1473	9/3/2016 22:46:05	18.71	50.78	33.38	8.34	8.05	7.8	2.487	109.1	4.1	1.0
1474	9/3/2016 23:01:05	18.46	50.56	33.22	8.22	8.05	7.0	2.561	106.8	4.0	1.0
1475	9/3/2016 23:16:05	18.22	50.74	33.35	8.18	8.05	6.2	2.642	105.9	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1476	9/3/2016 23:31:05	17.96	50.68	33.30	8.20	8.04	6.8	2.730	105.7	3.4	0.8
1477	9/3/2016 23:46:06	17.63	50.53	33.19	8.18	8.04	6.4	2.799	104.7	4.3	1.0
1478	9/4/2016 00:01:05	17.34	51.00	33.53	8.15	8.04	6.4	2.880	104.0	3.4	0.8
1479	9/4/2016 00:16:05	17.11	50.61	33.25	8.14	8.04	6.8	2.960	103.2	3.7	0.9
1480	9/4/2016 00:31:05	16.93	50.75	33.34	8.09	8.04	7.6	3.036	102.3	3.6	0.9
1481	9/4/2016 00:46:05	16.48	50.50	33.16	8.04	8.03	6.8	3.117	100.6	4.1	1.0
1482	9/4/2016 01:01:05	16.12	50.63	33.25	7.96	8.03	7.3	3.196	99.0	3.9	0.9
1483	9/4/2016 01:16:05	15.73	50.67	33.27	7.91	8.02	7.1	3.270	97.5	4.0	0.9
1484	9/4/2016 01:31:05	15.29	50.48	33.12	7.80	8.01	5.9	3.333	95.4	3.5	0.8
1485	9/4/2016 01:46:05	15.04	50.92	33.44	7.71	8.01	4.3	3.387	93.9	3.2	0.8
1486	9/4/2016 02:01:05	14.82	50.44	33.08	7.69	8.01	3.9	3.432	93.1	3.1	0.7
1487	9/4/2016 02:16:05	15.08	50.43	33.08	7.51	7.99	4.2	3.462	91.4	3.2	0.8
1488	9/4/2016 02:31:05	14.64	50.45	33.08	7.41	7.99	2.6	3.483	89.3	3.0	0.7
1489	9/4/2016 02:46:05	14.71	50.41	33.06	7.36	7.99	2.8	3.476	88.9	2.8	0.7
1490	9/4/2016 03:01:05	14.59	50.51	33.12	7.46	8.00	3.6	3.440	89.9	2.4	0.6
1491	9/4/2016 03:16:04	14.89	50.50	33.13	7.44	8.00	3.4	3.387	90.1	2.5	0.6
1492	9/4/2016 03:31:05	15.56	50.56	33.18	7.42	8.00	4.5	3.330	91.2	2.5	0.6
1493	9/4/2016 03:46:05	15.98	50.64	33.25	7.53	8.00	7.4	3.244	93.4	3.4	0.8
1494	9/4/2016 04:01:05	15.66	50.53	33.16	7.54	8.00	6.1	3.151	92.8	2.7	0.6
1495	9/4/2016 04:16:05	15.81	50.71	33.30	7.55	8.00	6.0	3.067	93.3	3.6	0.9
1496	9/4/2016 04:31:06	16.38	50.66	33.27	7.51	8.00	6.2	2.964	93.8	3.0	0.7
1497	9/4/2016 04:46:05	16.79	50.67	33.29	7.49	8.00	6.3	2.864	94.3	3.0	0.7
1498	9/4/2016 05:01:05	17.22	50.72	33.33	7.37	8.00	7.0	2.775	93.7	2.9	0.7
1499	9/4/2016 05:16:06	17.25	50.77	33.36	7.20	7.98	5.9	2.670	91.5	3.1	0.7
1500	9/4/2016 05:31:06	17.59	51.19	33.68	7.23	7.99	6.6	2.575	92.7	2.8	0.7
1501	9/4/2016 05:46:05	17.73	50.76	33.36	7.23	7.99	6.4	2.478	92.8	2.8	0.7
1502	9/4/2016 06:01:05	17.57	50.74	33.35	7.06	7.97	6.7	2.372	90.3	2.6	0.6
1503	9/4/2016 06:16:05	17.60	50.83	33.42	7.03	7.97	8.4	2.270	90.0	2.8	0.7
1504	9/4/2016 06:31:05	17.73	50.71	33.32	7.01	7.97	7.2	2.175	89.9	3.3	0.8
1505	9/4/2016 06:46:05	17.52	50.64	33.27	6.89	7.96	6.6	2.072	88.1	3.6	0.9
1506	9/4/2016 07:01:05	17.65	50.90	33.46	6.98	7.97	6.0	1.978	89.5	2.5	0.6
1507	9/4/2016 07:16:05	17.74	51.15	33.65	7.01	7.98	6.5	1.898	90.2	2.7	0.6
1508	9/4/2016 07:31:05	17.74	50.91	33.47	6.93	7.97	5.3	1.819	89.0	2.9	0.7
1509	9/4/2016 07:46:05	17.88	51.00	33.54	6.94	7.98	5.0	1.757	89.4	2.3	0.5
1510	9/4/2016 08:01:05	17.93	50.85	33.43	6.95	7.98	4.4	1.724	89.6	2.5	0.6
1511	9/4/2016 08:16:05	18.29	51.11	33.62	6.96	7.99	4.2	1.696	90.5	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
1512	9/4/2016 08:31:05	18.47	51.14	33.64	7.11	8.00	4.5	1.715	92.7	2.8	0.7
1513	9/4/2016 08:46:05	18.25	50.95	33.51	7.20	8.00	4.0	1.727	93.5	3.0	0.7
1514	9/4/2016 09:01:05	18.34	51.38	33.83	7.22	8.01	4.5	1.766	94.0	3.0	0.7
1515	9/4/2016 09:16:05	18.50	51.31	33.77	7.31	8.02	4.7	1.848	95.5	2.6	0.6
1516	9/4/2016 09:31:05	18.50	51.33	33.79	7.35	8.02	5.1	1.915	95.9	3.1	0.7
1517	9/4/2016 09:46:05	18.44	51.26	33.74	7.36	8.02	5.8	1.994	95.9	2.8	0.7
1518	9/4/2016 10:01:05	18.35	50.81	33.40	7.41	8.01	5.3	2.088	96.2	3.0	0.7
1519	9/4/2016 10:16:05	18.21	50.95	33.51	7.32	8.01	5.5	2.176	94.9	3.0	0.7
1520	9/4/2016 10:31:05	18.11	51.07	33.59	7.38	8.01	5.6	2.260	95.5	3.2	0.8
1521	9/4/2016 10:46:05	18.08	50.61	33.25	7.40	8.01	5.1	2.345	95.5	2.8	0.7
1522	9/4/2016 11:01:05	18.05	50.83	33.41	7.36	8.00	6.5	2.431	95.1	2.6	0.6
1523	9/4/2016 11:16:05	17.87	50.88	33.45	7.46	8.01	5.6	2.515	96.1	2.8	0.7
1524	9/4/2016 11:31:06	17.76	50.88	33.45	7.55	8.01	5.4	2.595	97.0	3.1	0.7
1525	9/4/2016 11:46:05	17.67	50.83	33.42	7.62	8.01	6.2	2.683	97.7	2.8	0.7
1526	9/4/2016 12:01:05	17.46	50.90	33.46	7.67	8.02	6.5	2.766	98.0	3.3	0.8
1527	9/4/2016 12:16:05	17.22	50.93	33.48	7.69	8.02	5.9	2.849	97.8	3.2	0.8
1528	9/4/2016 12:31:05	17.06	50.84	33.42	7.73	8.02	6.1	2.933	97.9	3.0	0.7
1529	9/4/2016 12:46:05	16.88	50.86	33.43	7.67	8.01	6.8	3.024	96.9	3.1	0.7
1530	9/4/2016 13:01:05	16.43	50.91	33.45	7.63	8.01	7.2	3.104	95.5	2.8	0.7
1531	9/4/2016 13:16:05	16.13	50.73	33.32	7.64	8.01	6.7	3.176	95.0	3.6	0.9
1532	9/4/2016 13:31:05	15.76	50.97	33.49	7.61	8.01	5.3	3.269	94.0	3.9	0.9
1533	9/4/2016 13:46:05	15.24	50.62	33.22	7.67	8.01	6.3	3.331	93.6	3.5	0.8
1534	9/4/2016 14:01:05	14.91	50.96	33.46	7.64	8.01	5.0	3.397	92.8	3.6	0.8
1535	9/4/2016 14:16:05	14.75	50.59	33.19	7.71	8.01	3.8	3.461	93.3	3.3	0.8
1536	9/4/2016 14:31:05	14.61	50.77	33.31	7.75	8.02	3.2	3.501	93.6	3.2	0.8
1537	9/4/2016 14:46:05	14.54	50.75	33.30	7.71	8.01	2.9	3.525	93.0	3.2	0.8
1538	9/4/2016 15:01:04	14.53	50.74	33.29	7.30	7.99	2.5	3.536	87.9	2.4	0.6
1539	9/4/2016 15:16:04	14.50	50.51	33.13	7.57	8.00	2.5	3.526	91.1	2.6	0.6
1540	9/4/2016 15:31:05	14.59	50.82	33.35	7.61	8.00	3.7	3.482	91.8	2.5	0.6
1541	9/4/2016 15:46:05	14.85	50.81	33.35	7.71	8.01	4.7	3.420	93.5	2.9	0.7
1542	9/4/2016 16:01:05	15.79	50.70	33.29	8.26	8.04	5.1	3.360	102.1	3.4	0.8
1543	9/4/2016 16:16:05	15.86	50.57	33.20	8.38	8.05	4.8	3.277	103.6	3.3	0.8
1544	9/4/2016 16:31:05	16.03	50.68	33.28	8.45	8.06	5.3	3.183	104.9	3.2	0.8
1545	9/4/2016 16:46:05	16.02	50.76	33.34	8.62	8.07	6.1	3.083	107.0	3.7	0.9
1546	9/4/2016 17:01:05	16.36	51.10	33.60	8.67	8.07	5.8	2.987	108.5	2.7	0.6
1547	9/4/2016 17:16:05	17.12	50.86	33.43	8.86	8.10	6.7	2.894	112.5	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1548	9/4/2016 17:31:06	17.73	51.10	33.61	8.96	8.11	6.2	2.799	115.1	3.2	0.8
1549	9/4/2016 17:46:05	18.10	51.03	33.56	9.13	8.12	6.7	2.698	118.2	3.3	0.8
1550	9/4/2016 18:01:05	18.37	50.90	33.47	9.22	8.13	7.3	2.607	119.9	2.7	0.6
1551	9/4/2016 18:16:05	18.50	50.81	33.40	9.31	8.14	7.2	2.514	121.2	3.2	0.8
1552	9/4/2016 18:31:05	18.59	50.84	33.42	9.26	8.15	7.7	2.417	120.9	3.8	0.9
1553	9/4/2016 18:46:05	18.67	50.93	33.49	9.41	8.16	6.4	2.317	123.1	2.7	0.6
1554	9/4/2016 19:01:05	18.59	51.04	33.57	9.25	8.14	6.7	2.212	120.8	3.2	0.8
1555	9/4/2016 19:16:05	18.05	50.78	33.38	9.50	8.15	6.7	2.131	122.7	3.1	0.7
1556	9/4/2016 19:31:05	18.26	50.79	33.39	9.21	8.14	6.8	2.037	119.5	3.3	0.8
1557	9/4/2016 19:46:05	18.32	51.02	33.56	9.12	8.14	7.0	1.946	118.5	3.1	0.7
1558	9/4/2016 20:01:05	18.22	50.37	33.08	9.13	8.14	6.8	1.886	118.0	3.8	0.9
1559	9/4/2016 20:16:05	18.56	51.20	33.69	8.75	8.12	6.6	1.850	114.3	3.3	0.8
1560	9/4/2016 20:31:05	18.77	50.76	33.37	8.56	8.11	7.2	1.798	112.0	3.7	0.9
1561	9/4/2016 20:46:05	19.04	50.71	33.33	8.23	8.09	6.0	1.782	108.2	3.4	0.8
1562	9/4/2016 21:01:05	19.25	51.24	33.72	8.25	8.10	6.9	1.813	109.2	3.7	0.9
1563	9/4/2016 21:16:04	19.32	50.89	33.46	8.52	8.11	7.0	1.840	112.7	3.9	0.9
1564	9/4/2016 21:31:04	19.29	50.96	33.51	8.51	8.11	6.7	1.864	112.6	4.1	1.0
1565	9/4/2016 21:46:05	19.43	50.95	33.51	8.50	8.11	7.5	1.939	112.8	3.0	0.7
1566	9/4/2016 22:01:05	19.28	51.04	33.57	8.50	8.10	7.0	2.000	112.5	3.6	0.9
1567	9/4/2016 22:16:05	19.26	50.97	33.52	8.41	8.09	7.2	2.076	111.2	4.1	1.0
1568	9/4/2016 22:31:04	19.36	51.04	33.57	8.27	8.08	8.7	2.157	109.6	3.7	0.9
1569	9/4/2016 22:46:05	19.16	50.96	33.51	8.35	8.08	8.5	2.235	110.2	4.2	1.0
1570	9/4/2016 23:01:05	18.98	51.00	33.54	8.44	8.08	7.3	2.309	111.0	3.8	0.9
1571	9/4/2016 23:16:05	18.95	50.97	33.52	8.45	8.09	7.2	2.386	111.0	3.9	0.9
1572	9/4/2016 23:31:05	18.76	51.00	33.55	8.48	8.09	7.2	2.460	111.1	4.0	1.0
1573	9/4/2016 23:46:05	18.50	50.67	33.30	8.35	8.07	6.4	2.526	108.7	4.2	1.0
1574	9/5/2016 00:01:05	18.28	50.97	33.52	8.27	8.07	6.5	2.601	107.4	3.3	0.8
1575	9/5/2016 00:16:05	18.10	50.93	33.49	8.26	8.07	6.7	2.677	106.8	4.0	0.9
1576	9/5/2016 00:31:05	17.79	50.77	33.37	8.27	8.07	6.2	2.741	106.2	3.4	0.8
1577	9/5/2016 00:46:05	17.52	50.72	33.33	8.27	8.06	5.5	2.818	105.7	3.3	0.8
1578	9/5/2016 01:01:05	17.25	50.83	33.41	8.24	8.06	7.3	2.886	104.8	4.0	1.0
1579	9/5/2016 01:16:05	17.10	50.69	33.31	8.18	8.06	5.2	2.954	103.6	3.8	0.9
1580	9/5/2016 01:31:05	16.92	50.55	33.20	8.14	8.06	5.9	3.032	102.7	3.6	0.9
1581	9/5/2016 01:46:05	16.54	50.75	33.34	8.07	8.05	5.3	3.085	101.2	3.7	0.9
1582	9/5/2016 02:01:05	16.26	50.26	32.98	8.03	8.05	5.3	3.158	100.0	4.0	1.0
1583	9/5/2016 02:16:05	16.01	50.85	33.40	7.95	8.04	4.5	3.208	98.8	3.6	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
1584	9/5/2016 02:31:05	15.79	50.56	33.19	7.92	8.04	4.4	3.264	97.7	3.7	0.9
1585	9/5/2016 02:46:05	15.43	50.70	33.29	7.85	8.03	4.3	3.306	96.3	4.0	0.9
1586	9/5/2016 03:01:05	15.28	51.10	33.57	7.73	8.03	3.6	3.323	94.8	4.4	1.0
1587	9/5/2016 03:16:05	15.72	50.86	33.41	7.62	8.02	3.7	3.330	94.1	3.1	0.7
1588	9/5/2016 03:31:05	15.15	50.54	33.16	7.59	8.02	3.6	3.326	92.5	3.1	0.7
1589	9/5/2016 03:46:05	15.38	50.68	33.27	7.57	8.02	3.2	3.293	92.7	2.8	0.7
1590	9/5/2016 04:01:05	16.18	50.64	33.26	7.48	8.02	4.2	3.236	93.1	3.1	0.7
1591	9/5/2016 04:16:05	16.95	50.81	33.39	7.32	8.02	5.6	3.187	92.5	3.7	0.9
1592	9/5/2016 04:31:05	16.78	50.72	33.32	7.47	8.02	5.9	3.120	94.1	3.7	0.9
1593	9/5/2016 04:46:05	16.33	50.76	33.35	7.64	8.03	5.8	3.017	95.4	4.1	1.0
1594	9/5/2016 05:01:05	16.65	50.60	33.23	7.65	8.03	6.8	2.938	96.0	3.4	0.8
1595	9/5/2016 05:16:05	17.02	50.80	33.38	7.58	8.03	5.6	2.852	95.9	3.1	0.7
1596	9/5/2016 05:31:05	17.18	51.15	33.64	7.40	8.02	5.9	2.756	94.1	3.2	0.8
1597	9/5/2016 05:46:05	17.47	50.76	33.36	7.24	8.01	5.8	2.677	92.5	3.6	0.9
1598	9/5/2016 06:01:05	17.53	50.85	33.43	7.20	8.01	6.2	2.587	92.1	2.8	0.7
1599	9/5/2016 06:16:05	17.68	50.93	33.49	7.16	8.01	6.7	2.503	91.9	3.6	0.8
1600	9/5/2016 06:31:05	17.75	50.87	33.44	7.10	8.01	5.9	2.415	91.2	2.9	0.7
1601	9/5/2016 06:46:05	17.69	51.20	33.68	7.04	8.00	7.2	2.322	90.5	3.7	0.9
1602	9/5/2016 07:01:05	17.65	51.28	33.75	6.98	7.99	6.5	2.251	89.7	2.6	0.6
1603	9/5/2016 07:16:05	17.65	51.09	33.60	6.98	8.00	5.9	2.158	89.5	3.0	0.7
1604	9/5/2016 07:31:05	17.55	50.98	33.53	6.90	7.99	5.3	2.080	88.3	3.0	0.7
1605	9/5/2016 07:46:05	17.63	51.16	33.66	6.95	8.00	4.8	2.013	89.1	2.8	0.7
1606	9/5/2016 08:01:05	17.59	51.17	33.67	6.90	7.99	4.8	1.956	88.4	2.5	0.6
1607	9/5/2016 08:16:05	17.63	51.29	33.75	6.88	7.99	4.4	1.906	88.3	2.7	0.6
1608	9/5/2016 08:31:05	17.81	51.15	33.65	7.00	8.01	4.0	1.874	90.1	2.1	0.5
1609	9/5/2016 08:46:05	17.99	51.28	33.74	7.00	8.01	3.8	1.861	90.5	2.3	0.5
1610	9/5/2016 09:01:05	18.14	51.31	33.77	7.06	8.01	3.4	1.861	91.6	2.7	0.6
1611	9/5/2016 09:16:05	18.16	51.28	33.74	7.24	8.03	3.5	1.889	93.9	3.0	0.7
1612	9/5/2016 09:31:05	18.08	51.30	33.76	7.20	8.02	3.9	1.926	93.2	3.2	0.8
1613	9/5/2016 09:46:05	18.14	51.24	33.71	7.23	8.03	4.0	1.979	93.7	2.9	0.7
1614	9/5/2016 10:01:05	18.15	51.47	33.89	7.24	8.02	4.6	2.054	93.9	3.0	0.7
1615	9/5/2016 10:16:05	18.27	51.15	33.65	7.38	8.03	4.3	2.116	95.8	2.8	0.7
1616	9/5/2016 10:31:05	18.21	51.23	33.71	7.38	8.03	5.0	2.193	95.7	2.2	0.5
1617	9/5/2016 10:46:05	18.11	51.20	33.69	7.21	8.02	5.6	2.279	93.3	3.0	0.7
1618	9/5/2016 11:01:05	18.11	51.46	33.88	7.17	8.02	5.6	2.348	92.9	3.5	0.8
1619	9/5/2016 11:16:05	18.02	51.14	33.65	7.30	8.02	4.9	2.428	94.4	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
1620	9/5/2016 11:31:05	17.90	51.43	33.86	7.39	8.03	4.8	2.503	95.4	3.3	0.8
1621	9/5/2016 11:46:05	17.80	51.39	33.83	7.40	8.03	5.7	2.581	95.4	3.1	0.7
1622	9/5/2016 12:01:05	17.62	51.18	33.67	7.59	8.04	5.6	2.656	97.4	2.7	0.6
1623	9/5/2016 12:16:05	17.51	51.04	33.56	7.72	8.04	4.9	2.727	98.7	3.1	0.7
1624	9/5/2016 12:31:05	17.45	51.34	33.78	7.80	8.05	4.8	2.803	99.8	3.6	0.9
1625	9/5/2016 12:46:05	17.26	50.95	33.50	7.91	8.06	4.9	2.882	100.6	3.3	0.8
1626	9/5/2016 13:01:06	16.99	51.03	33.56	7.86	8.05	4.8	2.949	99.6	3.2	0.8
1627	9/5/2016 13:16:05	16.83	50.92	33.47	7.87	8.05	5.0	3.032	99.3	4.1	1.0
1628	9/5/2016 13:31:05	16.66	50.84	33.41	7.68	8.04	5.4	3.115	96.6	3.5	0.8
1629	9/5/2016 13:46:05	16.26	50.88	33.43	7.53	8.03	5.0	3.188	94.0	3.7	0.9
1630	9/5/2016 14:01:05	15.80	50.77	33.35	7.80	8.04	5.4	3.261	96.4	4.0	0.9
1631	9/5/2016 14:16:05	15.50	50.85	33.40	7.87	8.04	4.7	3.338	96.7	4.7	1.1
1632	9/5/2016 14:31:05	15.21	50.82	33.37	7.86	8.04	3.7	3.391	96.0	3.7	0.9
1633	9/5/2016 14:46:05	14.92	50.78	33.33	7.88	8.04	3.4	3.432	95.7	3.9	0.9
1634	9/5/2016 15:01:05	14.71	51.02	33.50	7.89	8.05	3.6	3.480	95.5	3.7	0.9
1635	9/5/2016 15:16:04	14.54	50.72	33.27	7.76	8.03	2.5	3.497	93.5	3.4	0.8
1636	9/5/2016 15:31:04	14.56	50.75	33.30	7.36	8.01	2.5	3.494	88.7	2.7	0.6
1637	9/5/2016 15:46:05	14.60	50.89	33.40	7.64	8.03	4.3	3.491	92.2	3.2	0.8
1638	9/5/2016 16:01:05	14.70	50.88	33.40	7.71	8.03	2.9	3.460	93.2	3.3	0.8
1639	9/5/2016 16:16:05	15.31	50.59	33.20	7.82	8.04	4.0	3.398	95.7	3.8	0.9
1640	9/5/2016 16:31:04	15.92	50.65	33.26	8.14	8.06	7.5	3.335	100.9	4.4	1.0
1641	9/5/2016 16:46:05	15.89	50.70	33.29	8.23	8.06	9.6	3.276	101.9	4.3	1.0
1642	9/5/2016 17:01:05	15.86	50.68	33.28	8.27	8.07	8.3	3.199	102.4	5.0	1.2
1643	9/5/2016 17:16:05	15.85	50.60	33.22	8.28	8.07	9.8	3.099	102.4	5.2	1.2
1644	9/5/2016 17:31:05	16.06	50.46	33.12	8.27	8.07	10.5	3.010	102.6	4.9	1.2
1645	9/5/2016 17:46:05	16.23	50.95	33.49	8.22	8.07	9.8	2.931	102.5	5.0	1.2
1646	9/5/2016 18:01:05	16.26	51.09	33.58	8.26	8.05	10.7	2.844	103.2	5.3	1.3
1647	9/5/2016 18:16:05	16.94	50.76	33.36	8.50	8.10	10.4	2.737	107.4	4.4	1.1
1648	9/5/2016 18:31:05	16.87	50.65	33.27	8.45	8.09	10.3	2.663	106.6	4.2	1.0
1649	9/5/2016 18:46:05	17.48	51.15	33.65	8.52	8.11	12.8	2.559	109.0	4.3	1.0
1650	9/5/2016 19:01:05	17.39	50.82	33.40	8.55	8.11	10.6	2.458	109.0	3.8	0.9
1651	9/5/2016 19:16:05	17.71	50.74	33.35	8.64	8.13	12.6	2.383	110.8	4.4	1.0
1652	9/5/2016 19:31:05	17.86	50.79	33.39	8.62	8.13	12.8	2.280	110.9	4.4	1.0
1653	9/5/2016 19:46:05	17.66	51.20	33.68	8.54	8.13	11.4	2.188	109.7	4.2	1.0
1654	9/5/2016 20:01:05	17.65	51.28	33.75	8.37	8.11	11.2	2.109	107.5	3.9	0.9
1655	9/5/2016 20:16:05	17.62	50.73	33.34	8.28	8.11	10.5	2.026	106.0	4.3	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1656	9/5/2016 20:31:05	17.58	50.69	33.31	8.12	8.10	11.2	1.949	103.9	3.9	0.9
1657	9/5/2016 20:46:06	17.73	50.75	33.36	7.98	8.09	10.0	1.895	102.4	4.4	1.1
1658	9/5/2016 21:01:05	17.90	51.24	33.72	7.86	8.09	9.7	1.859	101.4	3.6	0.8
1659	9/5/2016 21:16:05	18.17	50.86	33.44	7.74	8.08	10.6	1.819	100.3	3.6	0.8
1660	9/5/2016 21:31:05	18.46	50.57	33.22	7.59	8.07	9.8	1.823	98.7	4.1	1.0
1661	9/5/2016 21:46:05	18.61	50.61	33.25	7.74	8.08	13.1	1.816	101.0	4.6	1.1
1662	9/5/2016 22:01:05	18.75	50.58	33.24	7.94	8.10	13.0	1.855	103.8	4.4	1.1
1663	9/5/2016 22:16:05	18.64	50.64	33.28	7.96	8.10	11.7	1.901	103.8	3.8	0.9
1664	9/5/2016 22:31:05	18.87	50.93	33.49	8.01	8.11	13.4	1.955	105.1	3.8	0.9
1665	9/5/2016 22:46:05	18.79	50.66	33.29	8.00	8.10	12.2	2.022	104.7	4.0	0.9
1666	9/5/2016 23:01:05	18.75	50.89	33.46	7.96	8.10	10.6	2.082	104.3	4.4	1.0
1667	9/5/2016 23:16:05	18.74	50.67	33.30	7.93	8.09	10.3	2.166	103.7	4.4	1.0
1668	9/5/2016 23:31:05	18.67	50.72	33.34	7.92	8.09	14.4	2.236	103.5	4.1	1.0
1669	9/5/2016 23:46:05	18.53	50.68	33.31	7.95	8.08	9.0	2.303	103.5	4.2	1.0
1670	9/6/2016 00:01:05	18.55	50.66	33.29	7.90	8.08	9.0	2.366	102.9	4.2	1.0
1671	9/6/2016 00:16:05	18.57	50.88	33.46	7.88	8.08	8.7	2.446	102.8	3.8	0.9
1672	9/6/2016 00:31:05	18.54	50.76	33.36	7.87	8.08	8.9	2.507	102.6	4.1	1.0
1673	9/6/2016 00:46:05	18.38	50.65	33.29	7.95	8.08	8.3	2.560	103.3	3.8	0.9
1674	9/6/2016 01:01:05	18.18	50.67	33.30	8.02	8.08	7.7	2.635	103.7	4.7	1.1
1675	9/6/2016 01:16:05	17.97	50.56	33.21	8.10	8.09	7.4	2.701	104.4	4.5	1.1
1676	9/6/2016 01:31:05	17.63	51.39	33.82	8.18	8.09	6.7	2.761	105.1	4.4	1.0
1677	9/6/2016 01:46:05	17.41	50.67	33.29	8.23	8.10	6.5	2.825	105.0	4.0	0.9
1678	9/6/2016 02:01:05	17.22	50.52	33.18	8.17	8.09	6.3	2.888	103.8	4.4	1.0
1679	9/6/2016 02:16:05	16.96	50.62	33.25	8.13	8.08	5.8	2.946	102.7	4.1	1.0
1680	9/6/2016 02:31:05	16.87	50.53	33.18	8.09	8.08	6.3	2.998	102.0	4.1	1.0
1681	9/6/2016 02:46:05	16.72	50.51	33.17	8.07	8.08	5.1	3.054	101.4	3.9	0.9
1682	9/6/2016 03:01:05	16.60	50.78	33.37	8.01	8.07	4.4	3.098	100.6	4.4	1.1
1683	9/6/2016 03:16:05	16.43	50.58	33.21	8.01	8.07	3.9	3.143	100.1	3.9	0.9
1684	9/6/2016 03:31:05	16.31	50.48	33.14	7.95	8.07	4.5	3.178	99.2	4.2	1.0
1685	9/6/2016 03:46:05	17.09	50.31	33.03	7.65	8.06	6.2	3.180	96.8	3.9	0.9
1686	9/6/2016 04:01:05	16.59	50.70	33.30	7.47	8.05	4.2	3.196	93.8	3.4	0.8
1687	9/6/2016 04:16:05	16.12	50.51	33.16	7.53	8.05	3.1	3.190	93.6	3.5	0.8
1688	9/6/2016 04:31:05	16.33	50.49	33.15	7.60	8.05	4.5	3.159	94.9	3.1	0.7
1689	9/6/2016 04:46:05	16.93	50.67	33.29	7.27	8.03	6.2	3.115	91.8	3.6	0.9
1690	9/6/2016 05:01:05	17.22	50.80	33.39	6.82	8.01	7.0	3.068	86.6	3.6	0.8
1691	9/6/2016 05:16:05	17.17	50.95	33.49	7.32	8.05	7.0	3.006	93.0	4.0	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1692	9/6/2016 05:31:05	16.90	50.87	33.43	7.49	8.05	9.6	2.923	94.6	4.0	1.0
1693	9/6/2016 05:46:05	16.91	50.72	33.32	7.49	8.05	6.4	2.854	94.6	4.2	1.0
1694	9/6/2016 06:01:05	17.04	50.79	33.38	7.43	8.05	6.9	2.782	94.1	4.0	0.9
1695	9/6/2016 06:16:06	16.91	51.01	33.54	7.37	8.05	7.2	2.706	93.2	3.8	0.9
1696	9/6/2016 06:31:05	17.16	50.91	33.47	7.16	8.03	7.0	2.627	90.9	4.2	1.0
1697	9/6/2016 06:46:05	17.21	50.87	33.44	7.08	8.03	7.3	2.562	90.0	3.8	0.9
1698	9/6/2016 07:01:05	17.34	51.34	33.78	7.05	8.02	7.9	2.489	90.1	3.0	0.7
1699	9/6/2016 07:16:05	17.25	50.99	33.53	6.96	8.02	6.7	2.421	88.6	2.6	0.6
1700	9/6/2016 07:31:06	17.41	51.08	33.59	6.89	8.02	6.7	2.345	88.0	2.9	0.7
1701	9/6/2016 07:46:05	17.25	50.86	33.43	6.86	8.01	6.2	2.293	87.3	3.1	0.7
1702	9/6/2016 08:01:05	17.38	50.93	33.48	6.85	8.01	5.8	2.230	87.4	2.3	0.6
1703	9/6/2016 08:16:05	17.21	51.03	33.56	6.83	8.01	5.3	2.158	86.8	3.5	0.8
1704	9/6/2016 08:31:05	17.35	51.11	33.61	6.85	8.02	5.7	2.119	87.4	3.2	0.8
1705	9/6/2016 08:46:05	17.47	51.25	33.72	6.87	8.02	4.5	2.089	87.9	2.5	0.6
1706	9/6/2016 09:01:06	17.54	50.92	33.47	6.82	8.01	4.3	2.050	87.2	2.6	0.6
1707	9/6/2016 09:16:06	17.61	51.01	33.55	6.56	8.00	3.2	2.042	84.1	1.9	0.5
1708	9/6/2016 09:31:05	17.73	51.12	33.63	6.98	8.03	4.8	2.058	89.7	3.5	0.8
1709	9/6/2016 09:46:05	17.72	51.29	33.75	6.76	8.03	5.8	2.055	87.0	2.6	0.6
1710	9/6/2016 10:01:05	17.73	51.23	33.71	6.76	8.03	6.5	2.081	86.9	2.4	0.6
1711	9/6/2016 10:16:06	17.69	51.06	33.58	6.93	8.03	5.9	2.126	88.9	3.3	0.8
1712	9/6/2016 10:31:05	17.80	51.04	33.57	6.99	8.03	6.4	2.182	89.9	3.3	0.8
1713	9/6/2016 10:46:05	17.93	51.22	33.71	7.02	8.04	6.1	2.230	90.6	2.7	0.6
1714	9/6/2016 11:01:05	17.98	51.10	33.61	7.11	8.04	5.8	2.300	91.9	3.4	0.8
1715	9/6/2016 11:16:05	17.79	51.01	33.55	7.02	8.03	6.8	2.376	90.2	2.9	0.7
1716	9/6/2016 11:31:05	17.75	50.84	33.42	6.94	8.03	7.5	2.435	89.1	3.5	0.8
1717	9/6/2016 11:46:05	17.71	50.78	33.38	7.11	8.03	7.3	2.515	91.2	3.8	0.9
1718	9/6/2016 12:01:06	17.58	51.18	33.67	7.27	8.04	5.6	2.581	93.2	3.4	0.8
1719	9/6/2016 12:16:06	17.48	51.11	33.61	7.36	8.04	6.1	2.649	94.2	3.4	0.8
1720	9/6/2016 12:31:06	17.37	51.50	33.90	7.37	8.04	5.7	2.717	94.2	3.7	0.9
1721	9/6/2016 12:46:06	17.32	51.18	33.67	7.23	8.03	6.1	2.786	92.2	3.5	0.8
1722	9/6/2016 13:01:06	17.26	51.45	33.86	7.38	8.04	5.4	2.860	94.2	4.1	1.0
1723	9/6/2016 13:16:05	17.24	51.23	33.71	7.57	8.05	5.3	2.915	96.5	4.0	0.9
1724	9/6/2016 13:31:05	17.12	51.26	33.72	7.75	8.06	4.5	2.996	98.6	4.3	1.0
1725	9/6/2016 13:46:06	16.86	50.94	33.49	7.78	8.06	5.3	3.070	98.3	4.6	1.1
1726	9/6/2016 14:01:05	16.52	51.07	33.57	7.73	8.05	5.0	3.130	97.0	4.5	1.1
1727	9/6/2016 14:16:05	16.38	51.00	33.52	7.68	8.05	5.3	3.206	96.1	4.5	1.1

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1728	9/6/2016 14:31:06	15.99	51.03	33.54	7.61	8.04	4.5	3.278	94.6	4.8	1.1
1729	9/6/2016 14:46:06	15.71	50.87	33.42	7.85	8.05	4.3	3.329	96.8	4.4	1.0
1730	9/6/2016 15:01:05	15.50	50.64	33.24	7.96	8.05	3.4	3.382	97.8	4.3	1.0
1731	9/6/2016 15:16:05	15.33	50.71	33.29	8.01	8.06	2.9	3.432	98.0	4.1	1.0
1732	9/6/2016 15:31:05	15.08	50.71	33.29	8.07	8.05	2.9	3.470	98.3	4.5	1.1
1733	9/6/2016 15:46:05	14.99	50.69	33.27	7.90	8.05	2.6	3.485	96.1	4.0	0.9
1734	9/6/2016 16:01:05	14.97	50.73	33.30	7.55	8.04	2.5	3.482	91.8	3.3	0.8
1735	9/6/2016 16:16:05	15.01	50.62	33.21	7.85	8.05	3.0	3.488	95.4	3.5	0.8
1736	9/6/2016 16:31:04	15.12	50.67	33.26	7.79	8.06	3.1	3.459	95.0	2.5	0.6
1737	9/6/2016 16:46:05	15.28	50.78	33.34	7.80	8.05	4.2	3.408	95.4	3.7	0.9
1738	9/6/2016 17:01:05	16.04	50.66	33.26	8.05	8.08	5.1	3.350	99.9	3.9	0.9
1739	9/6/2016 17:16:05	16.57	50.87	33.43	8.23	8.09	5.4	3.290	103.4	3.7	0.9
1740	9/6/2016 17:31:05	16.49	50.87	33.43	8.18	8.08	6.0	3.214	102.6	4.5	1.1
1741	9/6/2016 17:46:06	16.49	50.69	33.30	8.27	8.09	6.1	3.134	103.5	4.6	1.1
1742	9/6/2016 18:01:05	16.87	50.78	33.37	8.13	8.08	6.4	3.047	102.6	3.7	0.9
1743	9/6/2016 18:16:05	17.25	50.73	33.34	8.26	8.10	8.8	2.967	105.1	4.5	1.1
1744	9/6/2016 18:31:05	17.01	50.82	33.40	8.35	8.10	7.0	2.894	105.7	4.4	1.1
1745	9/6/2016 18:46:05	17.29	50.69	33.31	8.40	8.11	9.1	2.804	106.8	4.2	1.0
1746	9/6/2016 19:01:05	17.29	50.92	33.48	8.35	8.11	19.3	2.699	106.4	5.0	1.2
1747	9/6/2016 19:16:05	17.49	50.97	33.52	8.32	8.11	11.7	2.636	106.3	4.6	1.1
1748	9/6/2016 19:31:06	17.53	51.18	33.67	8.25	8.11	11.0	2.551	105.7	4.2	1.0
1749	9/6/2016 19:46:06	17.61	50.62	33.26	8.24	8.11	12.9	2.440	105.4	4.5	1.1
1750	9/6/2016 20:01:05	17.63	50.78	33.38	8.15	8.11	17.2	2.363	104.4	4.2	1.0
1751	9/6/2016 20:16:05	17.67	51.18	33.67	8.11	8.11	11.8	2.287	104.1	4.5	1.1
1752	9/6/2016 20:31:05	17.77	51.01	33.55	8.09	8.11	13.2	2.192	104.0	4.2	1.0
1753	9/6/2016 20:46:06	17.60	50.67	33.29	7.91	8.09	12.4	2.101	101.3	5.0	1.2
1754	9/6/2016 21:01:05	17.67	50.65	33.28	7.76	8.09	10.7	2.046	99.4	4.7	1.1
1755	9/6/2016 21:16:05	17.71	50.68	33.30	7.68	8.08	9.8	1.987	98.5	4.1	1.0
1756	9/6/2016 21:31:06	17.67	50.73	33.34	7.56	8.07	8.4	1.930	96.8	4.4	1.0
1757	9/6/2016 21:46:05	17.83	50.64	33.27	7.36	8.06	8.3	1.904	94.5	4.1	1.0
1758	9/6/2016 22:01:05	17.99	50.94	33.49	7.12	8.03	6.4	1.886	91.9	2.5	0.6
1759	9/6/2016 22:16:05	18.34	50.95	33.51	7.32	8.04	22.7	1.863	95.1	3.8	0.9
1760	9/6/2016 22:31:05	17.89	51.21	33.69	7.70	8.07	7.9	1.882	99.4	3.9	0.9
1761	9/6/2016 22:46:05	18.13	50.91	33.47	7.78	8.08	9.5	1.913	100.7	4.2	1.0
1762	9/6/2016 23:01:05	18.41	51.09	33.61	7.76	8.09	10.1	1.946	101.0	4.2	1.0
1763	9/6/2016 23:16:05	18.39	50.98	33.53	7.78	8.08	10.0	1.984	101.1	4.2	1.0

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1764	9/6/2016 23:31:05	18.59	50.85	33.44	7.76	8.09	10.8	2.052	101.2	4.6	1.1
1765	9/6/2016 23:46:05	18.54	50.97	33.52	7.76	8.09	10.6	2.114	101.2	4.0	0.9
1766	9/7/2016 00:01:05	18.60	51.28	33.75	7.72	8.09	9.6	2.156	101.0	3.9	0.9
1767	9/7/2016 00:16:05	18.58	50.96	33.52	7.75	8.09	9.1	2.235	101.2	3.4	0.8
1768	9/7/2016 00:31:05	18.38	50.84	33.42	7.83	8.09	9.2	2.296	101.8	4.2	1.0
1769	9/7/2016 00:46:05	18.26	50.81	33.40	7.86	8.09	8.1	2.348	101.8	4.5	1.1
1770	9/7/2016 01:01:05	18.23	50.78	33.38	7.80	8.08	7.5	2.407	101.1	4.2	1.0
1771	9/7/2016 01:16:05	18.34	50.74	33.35	7.79	8.08	7.9	2.476	101.1	3.9	0.9
1772	9/7/2016 01:31:05	18.37	50.81	33.40	7.74	8.08	7.5	2.530	100.6	4.1	1.0
1773	9/7/2016 01:46:05	18.37	50.98	33.53	7.70	8.08	7.8	2.577	100.1	4.0	0.9
1774	9/7/2016 02:01:05	18.32	50.74	33.35	7.72	8.07	7.8	2.646	100.2	4.1	1.0
1775	9/7/2016 02:16:05	17.89	50.76	33.36	7.93	8.08	7.0	2.698	102.1	4.7	1.1
1776	9/7/2016 02:31:06	17.75	50.70	33.32	8.00	8.09	6.3	2.752	102.6	4.3	1.0
1777	9/7/2016 02:46:05	17.52	50.59	33.23	8.09	8.09	5.6	2.801	103.4	4.5	1.1
1778	9/7/2016 03:01:05	17.40	50.75	33.35	8.08	8.09	5.5	2.849	103.0	4.1	1.0
1779	9/7/2016 03:16:05	17.32	50.69	33.30	8.09	8.10	5.7	2.908	103.0	4.7	1.1
1780	9/7/2016 03:31:05	17.12	50.70	33.31	8.08	8.09	4.9	2.954	102.4	4.0	1.0
1781	9/7/2016 03:46:06	16.99	50.60	33.24	8.00	8.09	4.5	2.987	101.1	4.0	0.9
1782	9/7/2016 04:01:05	16.95	50.60	33.24	7.96	8.08	4.2	3.024	100.5	4.3	1.0
1783	9/7/2016 04:16:05	16.86	50.52	33.18	7.86	8.08	3.9	3.058	99.0	4.2	1.0
1784	9/7/2016 04:31:05	16.82	50.58	33.22	7.81	8.07	4.1	3.085	98.4	4.0	0.9
1785	9/7/2016 04:46:05	17.31	50.66	33.29	7.36	8.05	5.3	3.083	93.6	3.9	0.9
1786	9/7/2016 05:01:05	17.01	50.25	32.98	7.46	8.06	4.2	3.085	94.2	3.3	0.8
1787	9/7/2016 05:16:05	16.93	50.41	33.09	7.43	8.05	3.7	3.085	93.7	3.4	0.8
1788	9/7/2016 05:31:05	17.03	50.50	33.16	7.37	8.05	3.6	3.050	93.2	4.1	1.0
1789	9/7/2016 05:46:05	17.16	50.58	33.22	7.24	8.04	5.2	2.998	91.8	3.4	0.8
1790	9/7/2016 06:01:05	17.34	50.67	33.30	6.79	8.01	8.1	2.962	86.5	2.9	0.7
1791	9/7/2016 06:16:05	17.44	50.99	33.53	6.81	8.02	8.9	2.920	87.1	3.9	0.9
1792	9/7/2016 06:31:05	17.43	51.01	33.55	7.16	8.05	8.6	2.837	91.5	3.3	0.8
1793	9/7/2016 06:46:05	17.27	50.68	33.30	7.23	8.04	7.0	2.776	91.9	3.4	0.8
1794	9/7/2016 07:01:05	17.41	51.07	33.59	7.15	8.03	6.5	2.727	91.4	3.6	0.9
1795	9/7/2016 07:16:05	17.42	51.02	33.55	7.01	8.03	6.6	2.656	89.5	3.3	0.8
1796	9/7/2016 07:31:05	17.44	50.95	33.50	6.97	8.02	8.1	2.593	89.0	3.1	0.7
1797	9/7/2016 07:46:05	17.42	51.08	33.59	6.97	8.03	6.8	2.545	89.0	3.4	0.8
1798	9/7/2016 08:01:05	17.61	51.15	33.65	6.88	8.03	9.4	2.480	88.3	3.6	0.8
1799	9/7/2016 08:16:05	17.76	51.25	33.72	6.80	8.03	7.0	2.418	87.6	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
1800	9/7/2016 08:31:05	17.68	50.83	33.41	6.79	8.02	6.2	2.387	87.1	3.1	0.7
1801	9/7/2016 08:46:05	17.78	51.15	33.65	6.77	8.02	5.7	2.342	87.1	3.3	0.8
1802	9/7/2016 09:01:05	17.77	50.87	33.45	6.75	8.02	5.9	2.298	86.8	2.8	0.7
1803	9/7/2016 09:16:05	17.81	50.84	33.42	6.77	8.02	5.1	2.263	87.1	3.4	0.8
1804	9/7/2016 09:31:05	17.89	50.94	33.49	6.74	8.02	5.2	2.259	86.8	3.7	0.9
1805	9/7/2016 09:46:05	18.00	51.09	33.61	6.50	8.02	4.3	2.241	83.9	2.8	0.7
1806	9/7/2016 10:01:05	18.11	51.13	33.64	6.62	8.02	4.1	2.219	85.7	3.0	0.7
1807	9/7/2016 10:16:05	18.18	51.23	33.71	6.83	8.04	4.9	2.252	88.6	3.6	0.9
1808	9/7/2016 10:31:05	18.14	50.92	33.48	6.81	8.03	6.1	2.272	88.1	2.8	0.7
1809	9/7/2016 10:46:05	18.18	51.03	33.56	6.83	8.04	5.4	2.285	88.5	3.2	0.8
1810	9/7/2016 11:01:05	18.21	51.20	33.69	6.89	8.04	5.5	2.318	89.3	3.2	0.8
1811	9/7/2016 11:16:05	18.19	50.94	33.50	6.92	8.04	5.6	2.378	89.6	3.3	0.8
1812	9/7/2016 11:31:05	18.17	51.60	33.98	6.98	8.05	5.9	2.423	90.7	4.0	1.0
1813	9/7/2016 11:46:05	18.10	50.70	33.32	6.96	8.04	5.8	2.469	89.9	3.6	0.9
1814	9/7/2016 12:01:05	17.97	50.68	33.30	6.94	8.04	6.0	2.533	89.4	3.2	0.8
1815	9/7/2016 12:16:05	17.90	50.96	33.51	7.09	8.05	6.2	2.590	91.4	3.4	0.8
1816	9/7/2016 12:31:05	17.72	50.75	33.35	7.35	8.05	5.2	2.638	94.3	4.2	1.0
1817	9/7/2016 12:46:06	17.65	50.96	33.51	7.42	8.06	5.6	2.704	95.1	4.5	1.1
1818	9/7/2016 13:01:06	17.56	50.88	33.45	7.46	8.06	5.2	2.760	95.5	3.6	0.8
1819	9/7/2016 13:16:05	17.36	51.25	33.72	7.20	8.05	5.1	2.819	92.0	3.5	0.8
1820	9/7/2016 13:31:05	17.24	51.00	33.53	7.35	8.06	4.7	2.880	93.5	3.5	0.8
1821	9/7/2016 13:46:05	17.15	50.96	33.51	7.54	8.07	4.5	2.941	95.8	3.9	0.9
1822	9/7/2016 14:01:05	17.03	50.82	33.40	7.55	8.07	4.1	3.003	95.6	4.1	1.0
1823	9/7/2016 14:16:05	16.88	51.01	33.54	7.67	8.07	4.5	3.071	96.9	4.0	1.0
1824	9/7/2016 14:31:05	16.58	50.79	33.37	7.35	8.05	4.6	3.138	92.3	4.5	1.1
1825	9/7/2016 14:46:05	16.22	50.76	33.35	7.37	8.05	4.0	3.184	91.8	4.5	1.1
1826	9/7/2016 15:01:05	16.04	50.70	33.30	7.39	8.05	4.0	3.248	91.7	4.3	1.0
	Mean	16.80	51.29	33.74	7.71	7.99	5.98	2.69	97.34	3.24	0.77
	Minimum	12.93	50.17	32.86	5.90	7.85	1.20	1.31	77.30	1.10	0.30
	Maximum	19.88	53.15	35.13	9.64	8.16	22.70	3.91	126.20	18.50	4.40

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

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	9/7/2016 15:16	15.95	51.37	33.79	6.99	7.97	10.4	3.271	86.9	4.8	1.1
1	9/7/2016 15:31	15.78	51.34	33.76	6.96	7.97	3.1	3.313	86.2	5.2	1.2
2	9/7/2016 15:46	15.51	51.29	33.72	7.11	7.97	2.6	3.356	87.6	5.4	1.3
3	9/7/2016 16:01	15.39	51.31	33.73	7.21	7.98	2.5	3.377	88.6	4.5	1.1
4	9/7/2016 16:16	15.31	51.23	33.67	7.18	7.98	2.1	3.394	88.0	3.8	0.9
5	9/7/2016 16:31	15.33	51.25	33.68	7.00	7.97	2.0	3.393	85.9	3.8	0.9
6	9/7/2016 16:46	15.36	51.21	33.66	7.01	7.97	2.1	3.400	86.1	3.2	0.8
7	9/7/2016 17:01	15.40	51.27	33.70	7.07	7.97	2.0	3.367	86.9	3.3	0.8
8	9/7/2016 17:16	15.65	51.29	33.72	7.03	7.98	2.9	3.321	86.9	3.9	0.9
9	9/7/2016 17:31	16.50	51.38	33.81	7.33	8.01	2.9	3.282	92.1	4.2	1.0
10	9/7/2016 17:46	17.13	51.42	33.84	7.98	8.06	3.7	3.234	101.5	3.1	0.7
11	9/7/2016 18:01	16.95	51.37	33.80	7.99	8.06	3.7	3.157	101.2	3.6	0.9
12	9/7/2016 18:16	16.89	51.34	33.78	8.01	8.06	4.3	3.074	101.4	4.1	1.0
13	9/7/2016 18:31	17.23	51.36	33.80	7.94	8.06	4.9	3.027	101.2	4.1	1.0
14	9/7/2016 18:46	17.40	51.37	33.81	7.97	8.07	5.6	2.944	101.9	3.9	0.9
15	9/7/2016 19:01	17.76	51.54	33.94	8.21	8.09	6.2	2.852	105.8	4.2	1.0
16	9/7/2016 19:16	17.99	51.57	33.96	8.27	8.09	6.4	2.792	107.0	3.8	0.9
17	9/7/2016 19:31	18.22	51.58	33.97	8.42	8.10	7.1	2.712	109.5	3.9	0.9
18	9/7/2016 19:46	18.35	51.61	33.99	8.48	8.10	7.5	2.625	110.5	4.3	1.0
19	9/7/2016 20:01	18.37	51.66	34.03	8.50	8.10	7.3	2.564	110.9	4.4	1.0
20	9/7/2016 20:16	18.02	51.57	33.96	8.47	8.10	7.1	2.479	109.7	4.0	1.0
21	9/7/2016 20:31	18.00	51.52	33.93	8.43	8.09	7.2	2.390	109.1	4.1	1.0
22	9/7/2016 20:46	18.04	51.55	33.94	8.42	8.09	7.2	2.322	109.1	4.5	1.1
23	9/7/2016 21:01	18.04	51.59	33.98	8.29	8.09	6.6	2.235	107.4	4.6	1.1
24	9/7/2016 21:16	18.07	51.64	34.01	8.13	8.08	7.0	2.162	105.4	4.5	1.1
25	9/7/2016 21:31	18.17	51.65	34.02	8.00	8.07	7.2	2.078	103.9	5.0	1.2
26	9/7/2016 21:46	18.15	51.64	34.01	7.77	8.06	6.8	2.017	100.9	4.2	1.0
27	9/7/2016 22:01	18.19	51.67	34.03	7.62	8.05	6.5	1.963	99.1	4.6	1.1
28	9/7/2016 22:16	18.34	51.72	34.07	7.43	8.04	6.4	1.900	96.9	4.5	1.1
29	9/7/2016 22:31	18.60	51.75	34.09	7.39	8.04	5.4	1.873	96.9	4.3	1.0
30	9/7/2016 22:46	18.84	51.83	34.15	7.52	8.05	5.0	1.862	99.0	4.4	1.0
31	9/7/2016 23:01	18.98	51.79	34.12	7.42	8.05	4.3	1.849	97.9	4.6	1.1
32	9/7/2016 23:16	19.02	51.83	34.16	7.46	8.05	4.3	1.843	98.5	3.6	0.8
33	9/7/2016 23:31	19.04	51.85	34.17	7.47	8.05	4.6	1.876	98.7	3.8	0.9
34	9/7/2016 23:46	18.91	51.81	34.14	7.46	8.05	4.6	1.917	98.4	3.9	0.9
35	9/8/2016 0:01	18.99	51.81	34.14	7.43	8.05	4.6	1.938	98.1	4.2	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
36	9/8/2016 0:16	18.93	51.78	34.12	7.44	8.05	4.7	1.999	98.2	3.6	0.8
37	9/8/2016 0:31	18.86	51.81	34.14	7.44	8.05	4.8	2.039	98.0	3.7	0.9
38	9/8/2016 0:46	18.83	51.81	34.14	7.43	8.04	4.9	2.090	97.8	3.9	0.9
39	9/8/2016 1:01	19.08	51.85	34.17	7.27	8.03	6.5	2.154	96.2	4.4	1.0
40	9/8/2016 1:16	19.13	51.74	34.09	7.24	8.02	6.3	2.188	95.8	4.3	1.0
41	9/8/2016 1:31	19.05	51.78	34.12	7.24	8.02	6.1	2.243	95.7	4.3	1.0
42	9/8/2016 1:46	18.89	51.80	34.14	7.37	8.03	5.8	2.302	97.2	4.2	1.0
43	9/8/2016 2:01	18.82	51.78	34.12	7.39	8.03	5.2	2.353	97.3	4.3	1.0
44	9/8/2016 2:16	18.77	51.77	34.11	7.39	8.03	5.1	2.398	97.1	4.5	1.1
45	9/8/2016 2:31	18.63	51.74	34.09	7.41	8.03	6.2	2.451	97.1	4.0	1.0
46	9/8/2016 2:46	18.43	51.67	34.03	7.45	8.03	5.0	2.516	97.2	3.7	0.9
47	9/8/2016 3:01	18.20	51.66	34.02	7.50	8.03	4.5	2.556	97.4	4.4	1.0
48	9/8/2016 3:16	18.03	51.60	33.98	7.50	8.03	4.2	2.619	97.2	4.4	1.0
49	9/8/2016 3:31	17.91	51.57	33.96	7.54	8.03	4.2	2.660	97.4	5.1	1.2
50	9/8/2016 3:46	17.75	51.50	33.91	7.56	8.03	4.0	2.715	97.3	4.5	1.1
51	9/8/2016 4:01	17.60	51.53	33.92	7.56	8.03	3.7	2.756	97.1	4.4	1.0
52	9/8/2016 4:16	17.53	51.42	33.84	7.59	8.03	3.6	2.787	97.3	4.6	1.1
53	9/8/2016 4:31	17.40	51.45	33.86	7.66	8.03	3.5	2.833	98.0	4.9	1.2
54	9/8/2016 4:46	17.28	51.46	33.87	7.62	8.02	3.3	2.869	97.3	4.1	1.0
55	9/8/2016 5:01	17.19	51.45	33.87	7.55	8.02	3.4	2.886	96.2	3.8	0.9
56	9/8/2016 5:16	17.38	51.52	33.92	7.19	8.00	3.8	2.909	91.9	4.1	1.0
57	9/8/2016 5:31	17.47	51.34	33.79	7.05	8.00	3.5	2.918	90.2	3.4	0.8
58	9/8/2016 5:46	17.43	51.47	33.88	7.09	8.00	3.4	2.925	90.7	4.0	0.9
59	9/8/2016 6:01	17.20	51.43	33.85	7.23	8.00	3.2	2.921	92.1	3.7	0.9
60	9/8/2016 6:16	17.21	51.44	33.86	7.19	8.00	3.2	2.920	91.6	3.3	0.8
61	9/8/2016 6:31	17.22	51.46	33.87	7.15	8.00	3.2	2.881	91.2	4.1	1.0
62	9/8/2016 6:46	17.34	51.46	33.88	7.03	7.99	3.8	2.858	89.8	4.2	1.0
63	9/8/2016 7:01	17.53	51.55	33.94	6.76	7.97	4.9	2.811	86.7	3.0	0.7
64	9/8/2016 7:16	17.65	51.65	34.02	6.47	7.96	6.4	2.769	83.2	3.8	0.9
65	9/8/2016 7:31	17.53	51.63	34.00	6.69	7.97	6.3	2.722	85.9	3.1	0.7
66	9/8/2016 7:46	17.48	51.57	33.95	6.72	7.98	5.4	2.669	86.2	3.5	0.8
67	9/8/2016 8:01	17.54	51.58	33.97	6.72	7.98	5.1	2.615	86.3	3.8	0.9
68	9/8/2016 8:16	17.61	51.59	33.98	6.70	7.98	5.1	2.580	86.1	3.7	0.9
69	9/8/2016 8:31	17.63	51.61	33.99	6.72	7.98	4.8	2.531	86.4	3.7	0.9
70	9/8/2016 8:46	17.86	51.63	34.01	6.86	7.99	4.2	2.475	88.6	3.5	0.8
71	9/8/2016 9:01	18.00	51.63	34.01	6.97	8.00	4.2	2.446	90.2	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
72	9/8/2016 9:16	18.02	51.67	34.04	6.93	8.00	4.1	2.427	89.8	3.7	0.9
73	9/8/2016 9:31	18.05	51.68	34.04	6.92	8.00	3.9	2.381	89.7	3.6	0.9
74	9/8/2016 9:46	18.10	51.68	34.04	6.90	8.00	3.8	2.348	89.5	3.3	0.8
75	9/8/2016 10:01	18.20	51.61	33.99	7.02	8.01	3.7	2.349	91.2	4.5	1.1
76	9/8/2016 10:16	18.33	51.67	34.04	6.93	8.00	3.1	2.339	90.4	4.8	1.1
77	9/8/2016 10:31	18.30	51.69	34.05	6.93	8.00	3.7	2.323	90.3	3.5	0.8
78	9/8/2016 10:46	18.26	51.67	34.03	6.94	8.00	3.6	2.325	90.4	3.5	0.8
79	9/8/2016 11:01	18.24	51.68	34.04	7.09	8.01	3.9	2.364	92.3	3.7	0.9
80	9/8/2016 11:16	18.23	51.68	34.04	7.17	8.01	4.0	2.383	93.2	4.1	1.0
81	9/8/2016 11:31	18.18	51.65	34.02	7.16	8.01	3.8	2.393	93.1	4.0	0.9
82	9/8/2016 11:46	18.14	51.64	34.01	7.16	8.01	3.9	2.434	93.0	4.2	1.0
83	9/8/2016 12:01	18.11	51.61	33.99	7.15	8.00	3.6	2.483	92.7	4.0	0.9
84	9/8/2016 12:16	18.05	51.58	33.97	7.24	8.01	3.8	2.509	93.9	4.2	1.0
85	9/8/2016 12:31	18.00	51.59	33.97	7.31	8.01	3.5	2.547	94.6	4.5	1.1
86	9/8/2016 12:46	17.89	51.57	33.96	7.56	8.02	3.5	2.594	97.7	4.3	1.0
87	9/8/2016 13:01	17.83	51.51	33.91	7.61	8.02	3.7	2.638	98.2	4.1	1.0
88	9/8/2016 13:16	17.79	51.46	33.88	7.57	8.02	3.6	2.674	97.6	4.4	1.0
89	9/8/2016 13:31	17.75	51.52	33.92	7.50	8.02	3.4	2.728	96.7	4.4	1.0
90	9/8/2016 13:46	17.66	51.48	33.89	7.44	8.01	3.4	2.776	95.7	4.3	1.0
91	9/8/2016 14:01	17.53	51.45	33.87	7.35	8.00	3.1	2.827	94.2	4.1	1.0
92	9/8/2016 14:16	17.41	51.41	33.84	7.40	8.01	3.3	2.881	94.7	4.0	1.0
93	9/8/2016 14:31	17.32	51.38	33.82	7.63	8.02	3.1	2.934	97.4	4.9	1.2
94	9/8/2016 14:46	17.15	51.37	33.80	7.63	8.01	3.6	2.996	97.1	4.5	1.1
95	9/8/2016 15:01	16.89	51.33	33.77	7.58	8.00	2.8	3.045	96.0	5.1	1.2
96	9/8/2016 15:16	16.65	51.26	33.71	7.67	8.01	2.9	3.097	96.6	4.5	1.1
97	9/8/2016 15:31	16.45	51.30	33.74	7.61	8.00	2.9	3.151	95.6	5.4	1.3
98	9/8/2016 15:46	16.34	51.19	33.66	7.62	8.00	2.8	3.198	95.4	5.0	1.2
99	9/8/2016 16:01	16.13	51.26	33.71	7.64	7.99	2.6	3.247	95.2	4.8	1.1
100	9/8/2016 16:16	15.93	51.23	33.68	7.45	7.98	2.3	3.274	92.5	4.2	1.0
101	9/8/2016 16:31	15.84	51.23	33.68	7.41	7.97	2.3	3.307	91.9	4.4	1.0
102	9/8/2016 16:46	15.68	51.21	33.66	7.35	7.97	2.2	3.344	90.8	3.9	0.9
103	9/8/2016 17:01	15.56	51.18	33.64	7.19	7.97	1.8	3.346	88.6	4.0	0.9
104	9/8/2016 17:16	15.52	51.19	33.65	7.28	7.96	2.1	3.350	89.6	3.1	0.7
105	9/8/2016 17:31	15.60	51.20	33.65	7.23	7.96	2.1	3.354	89.2	3.1	0.7
106	9/8/2016 17:46	15.62	51.21	33.66	7.29	7.96	2.2	3.341	90.0	4.2	1.0
107	9/8/2016 18:01	15.69	51.19	33.65	7.33	7.97	2.3	3.299	90.6	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
108	9/8/2016 18:16	15.87	51.23	33.68	7.33	7.97	2.5	3.257	90.9	3.6	0.8
109	9/8/2016 18:31	16.23	51.24	33.70	7.50	7.99	2.5	3.220	93.8	3.7	0.9
110	9/8/2016 18:46	16.54	51.33	33.77	7.76	8.02	3.2	3.160	97.6	4.3	1.0
111	9/8/2016 19:01	17.05	51.37	33.81	7.96	8.04	3.7	3.091	101.1	4.0	0.9
112	9/8/2016 19:16	17.46	51.44	33.86	8.28	8.08	4.8	3.026	106.0	3.8	0.9
113	9/8/2016 19:31	17.68	51.44	33.86	8.39	8.09	4.9	2.959	107.9	3.9	0.9
114	9/8/2016 19:46	18.07	51.49	33.90	8.59	8.12	5.1	2.891	111.3	4.7	1.1
115	9/8/2016 20:01	18.02	51.49	33.90	8.53	8.12	5.3	2.816	110.5	4.5	1.1
116	9/8/2016 20:16	17.82	51.45	33.87	8.36	8.10	5.3	2.747	107.8	4.4	1.0
117	9/8/2016 20:31	17.77	51.45	33.87	8.32	8.09	5.1	2.676	107.2	4.5	1.1
118	9/8/2016 20:46	17.78	51.49	33.90	8.23	8.09	5.9	2.589	106.1	4.4	1.0
119	9/8/2016 21:01	17.70	51.51	33.91	8.16	8.08	5.7	2.529	105.1	4.7	1.1
120	9/8/2016 21:16	17.85	51.50	33.91	8.19	8.09	5.4	2.456	105.6	4.4	1.0
121	9/8/2016 21:31	17.85	51.53	33.93	8.03	8.08	5.6	2.372	103.6	4.6	1.1
122	9/8/2016 21:46	17.94	51.57	33.96	8.02	8.08	5.7	2.313	103.7	4.8	1.1
123	9/8/2016 22:01	18.00	51.59	33.98	8.00	8.08	5.6	2.245	103.5	4.4	1.0
124	9/8/2016 22:16	17.97	51.59	33.98	7.93	8.08	6.1	2.161	102.6	4.9	1.1
125	9/8/2016 22:31	17.92	51.61	33.99	7.70	8.05	6.1	2.101	99.5	4.8	1.1
126	9/8/2016 22:46	18.16	51.63	34.01	7.68	8.06	5.6	2.038	99.7	4.4	1.0
127	9/8/2016 23:01	18.11	51.65	34.02	7.65	8.06	5.6	1.992	99.3	4.2	1.0
128	9/8/2016 23:16	18.33	51.69	34.05	7.59	8.05	5.0	1.946	98.9	4.4	1.0
129	9/8/2016 23:31	18.55	51.75	34.09	7.62	8.06	4.7	1.918	99.8	4.5	1.1
130	9/8/2016 23:46	18.68	51.73	34.08	7.44	8.05	3.9	1.905	97.6	4.6	1.1
131	9/9/2016 0:01	18.74	51.75	34.10	7.45	8.05	3.4	1.893	97.8	4.4	1.0
132	9/9/2016 0:16	18.77	51.79	34.12	7.64	8.06	3.6	1.905	100.4	4.3	1.0
133	9/9/2016 0:31	18.75	51.80	34.14	7.71	8.06	4.0	1.924	101.3	4.1	1.0
134	9/9/2016 0:46	18.67	51.78	34.11	7.65	8.06	4.0	1.954	100.4	4.1	1.0
135	9/9/2016 1:01	18.74	51.78	34.12	7.67	8.06	3.7	1.985	100.7	4.3	1.0
136	9/9/2016 1:16	18.68	51.77	34.11	7.68	8.06	3.7	2.027	100.8	4.1	1.0
137	9/9/2016 1:31	18.63	51.77	34.11	7.66	8.05	4.2	2.074	100.4	3.5	0.8
138	9/9/2016 1:46	18.56	51.74	34.09	7.66	8.05	4.1	2.116	100.3	4.3	1.0
139	9/9/2016 2:01	18.50	51.73	34.08	7.64	8.05	4.0	2.172	99.9	4.0	0.9
140	9/9/2016 2:16	18.40	51.69	34.05	7.58	8.04	3.9	2.209	98.9	4.1	1.0
141	9/9/2016 2:31	18.35	51.68	34.04	7.50	8.03	4.1	2.268	97.8	4.6	1.1
142	9/9/2016 2:46	18.22	51.64	34.01	7.58	8.04	4.0	2.313	98.6	4.6	1.1
143	9/9/2016 3:01	18.18	51.63	34.01	7.56	8.03	4.3	2.356	98.2	4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
144	9/9/2016 3:16	18.14	51.63	34.00	7.50	8.03	4.0	2.402	97.4	4.2	1.0
145	9/9/2016 3:31	18.08	51.60	33.98	7.53	8.03	4.0	2.451	97.7	4.4	1.0
146	9/9/2016 3:46	18.05	51.60	33.98	7.54	8.03	3.9	2.502	97.7	4.2	1.0
147	9/9/2016 4:01	18.02	51.57	33.96	7.51	8.03	3.9	2.542	97.2	4.4	1.0
148	9/9/2016 4:16	17.90	51.53	33.93	7.47	8.02	3.7	2.590	96.5	4.4	1.0
149	9/9/2016 4:31	17.84	51.57	33.96	7.51	8.02	3.4	2.645	96.9	4.3	1.0
150	9/9/2016 4:46	17.80	51.52	33.92	7.44	8.02	3.5	2.679	95.9	4.1	1.0
151	9/9/2016 5:01	17.68	51.51	33.92	7.51	8.02	3.4	2.730	96.5	4.7	1.1
152	9/9/2016 5:16	17.55	51.47	33.88	7.51	8.02	3.2	2.765	96.4	4.9	1.2
153	9/9/2016 5:31	17.44	51.46	33.87	7.54	8.02	3.2	2.799	96.5	4.5	1.1
154	9/9/2016 5:46	17.35	51.42	33.84	7.55	8.02	2.8	2.842	96.4	5.0	1.2
155	9/9/2016 6:01	17.28	51.44	33.86	7.50	8.02	2.9	2.874	95.8	5.1	1.2
156	9/9/2016 6:16	17.20	51.42	33.84	7.44	8.01	2.9	2.897	94.8	4.7	1.1
157	9/9/2016 6:31	17.69	51.61	33.99	6.93	7.98	4.8	2.913	89.1	4.8	1.1
158	9/9/2016 6:46	17.46	51.49	33.90	7.13	7.99	3.7	2.924	91.3	4.9	1.1
159	9/9/2016 7:01	17.19	51.50	33.90	7.09	7.99	3.3	2.928	90.3	3.5	0.8
160	9/9/2016 7:16	17.18	51.42	33.85	7.09	7.99	3.2	2.916	90.3	3.9	0.9
161	9/9/2016 7:31	17.28	51.46	33.87	7.04	7.99	3.6	2.901	89.8	3.5	0.8
162	9/9/2016 7:46	17.49	51.54	33.93	6.61	7.96	4.2	2.888	84.8	3.4	0.8
163	9/9/2016 8:01	17.47	51.54	33.94	6.63	7.96	4.7	2.845	84.9	3.7	0.9
164	9/9/2016 8:16	17.47	51.53	33.93	6.46	7.94	4.9	2.822	82.8	3.5	0.8
165	9/9/2016 8:31	17.45	51.61	33.99	6.56	7.95	5.1	2.783	84.1	4.0	0.9
166	9/9/2016 8:46	17.47	51.56	33.95	6.86	7.97	4.6	2.742	88.0	4.1	1.0
167	9/9/2016 9:01	17.48	51.59	33.97	6.97	7.98	4.7	2.699	89.3	4.8	1.1
168	9/9/2016 9:16	17.54	51.55	33.94	7.08	7.99	4.2	2.671	90.8	3.3	0.8
169	9/9/2016 9:31	17.62	51.58	33.97	7.03	7.99	4.0	2.636	90.3	3.8	0.9
170	9/9/2016 9:46	17.66	51.59	33.97	7.11	7.99	4.0	2.593	91.5	4.3	1.0
171	9/9/2016 10:01	17.80	51.54	33.93	7.21	8.00	3.7	2.575	92.9	4.8	1.1
172	9/9/2016 10:16	17.84	51.55	33.95	7.18	8.00	3.6	2.542	92.6	3.6	0.8
173	9/9/2016 10:31	17.87	51.59	33.97	7.26	8.01	3.5	2.520	93.8	4.2	1.0
174	9/9/2016 10:46	17.94	51.58	33.97	7.21	8.01	3.2	2.503	93.2	4.2	1.0
175	9/9/2016 11:01	17.96	51.61	33.99	7.29	8.01	3.2	2.482	94.3	4.3	1.0
176	9/9/2016 11:16	18.02	51.61	33.99	7.34	8.02	2.4	2.484	95.0	4.0	0.9
177	9/9/2016 11:31	18.04	51.60	33.98	7.33	8.01	3.2	2.473	95.0	4.1	1.0
178	9/9/2016 11:46	18.02	51.59	33.97	7.46	8.02	3.2	2.476	96.6	5.2	1.2
179	9/9/2016 12:01	17.98	51.59	33.98	7.35	8.02	3.1	2.485	95.1	5.2	1.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
180	9/9/2016 12:16	18.00	51.60	33.98	7.29	8.01	2.8	2.494	94.4	3.9	0.9
181	9/9/2016 12:31	17.95	51.60	33.98	7.30	8.01	3.1	2.528	94.4	4.8	1.1
182	9/9/2016 12:46	18.01	51.60	33.98	7.43	8.02	3.3	2.554	96.2	5.1	1.2
183	9/9/2016 13:01	18.06	51.56	33.95	7.49	8.02	3.0	2.579	97.0	4.9	1.2
184	9/9/2016 13:16	17.99	51.54	33.94	7.46	8.02	3.2	2.616	96.5	4.7	1.1
185	9/9/2016 13:31	17.93	51.56	33.95	7.49	8.02	3.1	2.660	96.8	4.8	1.1
186	9/9/2016 13:46	17.88	51.53	33.93	7.56	8.02	3.0	2.698	97.6	5.3	1.3
187	9/9/2016 14:01	17.83	51.49	33.90	7.52	8.02	2.8	2.737	96.9	5.0	1.2
188	9/9/2016 14:16	17.83	51.55	33.94	7.41	8.01	2.9	2.785	95.5	4.5	1.1
189	9/9/2016 14:31	17.75	51.54	33.93	7.28	8.00	3.1	2.833	93.8	5.0	1.2
190	9/9/2016 14:46	17.67	51.47	33.89	7.24	8.00	2.8	2.873	93.1	5.0	1.2
191	9/9/2016 15:01	17.33	51.42	33.84	6.97	7.97	3.0	2.923	89.0	4.7	1.1
192	9/9/2016 15:16	17.15	51.38	33.81	7.06	7.97	3.1	2.976	89.9	4.3	1.0
193	9/9/2016 15:31	16.93	51.36	33.80	7.29	7.98	2.3	3.027	92.3	4.9	1.2
194	9/9/2016 15:46	16.66	51.31	33.75	7.13	7.96	3.4	3.085	89.9	4.9	1.1
195	9/9/2016 16:01	16.45	51.30	33.74	6.93	7.95	2.6	3.126	87.0	5.5	1.3
196	9/9/2016 16:16	16.28	51.21	33.68	6.87	7.94	2.5	3.176	85.9	5.0	1.2
197	9/9/2016 16:31	16.15	51.26	33.71	7.02	7.95	2.2	3.219	87.6	5.5	1.3
198	9/9/2016 16:46	15.90	51.24	33.69	7.12	7.94	2.5	3.265	88.4	4.7	1.1
199	9/9/2016 17:01	15.78	51.23	33.68	7.17	7.95	2.3	3.308	88.8	4.9	1.2
200	9/9/2016 17:16	15.55	51.20	33.65	7.15	7.94	2.1	3.335	88.2	4.5	1.1
201	9/9/2016 17:31	15.42	51.18	33.63	7.12	7.93	2.0	3.368	87.6	4.9	1.2
202	9/9/2016 17:46	15.37	51.15	33.61	7.06	7.93	1.9	3.388	86.7	3.4	0.8
203	9/9/2016 18:01	15.38	51.11	33.59	6.75	7.91	1.5	3.395	82.9	2.8	0.7
204	9/9/2016 18:16	15.42	51.17	33.63	6.82	7.92	1.8	3.403	83.9	2.8	0.7
205	9/9/2016 18:31	15.44	51.17	33.63	6.84	7.92	1.8	3.385	84.1	3.0	0.7
206	9/9/2016 18:46	15.52	51.18	33.64	6.96	7.93	1.8	3.367	85.8	3.5	0.8
207	9/9/2016 19:01	15.61	51.18	33.64	7.12	7.94	2.1	3.339	87.8	3.4	0.8
208	9/9/2016 19:16	15.80	51.18	33.65	7.11	7.94	2.3	3.295	88.0	3.7	0.9
209	9/9/2016 19:31	16.18	51.28	33.72	7.24	7.96	2.5	3.238	90.4	4.7	1.1
210	9/9/2016 19:46	16.67	51.27	33.72	7.46	7.99	3.4	3.189	94.0	5.1	1.2
211	9/9/2016 20:01	17.12	51.38	33.81	7.73	8.02	4.0	3.134	98.3	5.0	1.2
212	9/9/2016 20:16	17.52	51.44	33.86	7.97	8.06	4.5	3.072	102.2	4.9	1.2
213	9/9/2016 20:31	17.63	51.41	33.84	8.19	8.08	4.3	2.997	105.2	4.6	1.1
214	9/9/2016 20:46	17.64	51.44	33.86	8.25	8.08	5.1	2.939	106.1	4.6	1.1
215	9/9/2016 21:01	17.73	51.47	33.89	8.26	8.08	5.0	2.866	106.3	4.6	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
216	9/9/2016 21:16	17.96	51.48	33.89	8.39	8.09	5.0	2.799	108.5	4.9	1.2
217	9/9/2016 21:31	18.13	51.54	33.94	8.44	8.10	5.1	2.718	109.5	4.6	1.1
218	9/9/2016 21:46	17.86	51.52	33.93	8.32	8.10	5.8	2.650	107.4	4.6	1.1
219	9/9/2016 22:01	18.03	51.52	33.92	8.38	8.11	5.6	2.586	108.5	4.7	1.1
220	9/9/2016 22:16	18.16	51.59	33.98	8.42	8.11	5.4	2.490	109.3	4.4	1.0
221	9/9/2016 22:31	18.00	51.55	33.95	8.41	8.12	6.3	2.420	108.9	4.5	1.1
222	9/9/2016 22:46	18.17	51.61	33.99	8.37	8.11	5.9	2.359	108.8	4.8	1.1
223	9/9/2016 23:01	18.00	51.56	33.95	8.27	8.10	5.7	2.270	107.0	4.3	1.0
224	9/9/2016 23:16	18.11	51.62	34.00	8.19	8.09	6.1	2.195	106.3	4.3	1.0
225	9/9/2016 23:31	17.88	51.63	34.00	7.84	8.06	6.2	2.118	101.3	4.2	1.0
226	9/9/2016 23:46	17.94	51.64	34.01	7.71	8.05	5.9	2.055	99.7	4.5	1.1
227	9/10/2016 0:01	18.08	51.69	34.05	7.66	8.05	5.2	1.998	99.4	4.6	1.1
228	9/10/2016 0:16	18.26	51.71	34.07	7.60	8.05	4.9	1.945	98.9	3.8	0.9
229	9/10/2016 0:31	18.37	51.73	34.08	7.63	8.05	4.3	1.918	99.6	4.6	1.1
230	9/10/2016 0:46	18.63	51.79	34.13	7.66	8.06	3.8	1.888	100.5	4.3	1.0
231	9/10/2016 1:01	18.76	51.83	34.15	7.59	8.07	2.6	1.862	99.8	4.0	0.9
232	9/10/2016 1:16	18.83	51.80	34.13	7.44	8.06	2.2	1.868	98.0	5.0	1.2
233	9/10/2016 1:31	18.85	51.86	34.18	7.86	8.08	3.3	1.896	103.6	4.0	0.9
234	9/10/2016 1:46	18.73	51.84	34.16	7.80	8.07	3.6	1.912	102.4	4.1	1.0
235	9/10/2016 2:01	18.77	51.85	34.17	7.81	8.07	3.4	1.932	102.7	3.7	0.9
236	9/10/2016 2:16	18.77	51.83	34.15	7.88	8.07	3.7	1.990	103.6	3.3	0.8
237	9/10/2016 2:31	18.71	51.81	34.14	7.88	8.07	3.7	2.041	103.5	4.4	1.0
238	9/10/2016 2:46	18.64	51.76	34.10	7.87	8.07	3.8	2.082	103.1	3.8	0.9
239	9/10/2016 3:01	18.56	51.72	34.07	7.84	8.06	3.9	2.121	102.6	4.3	1.0
240	9/10/2016 3:16	18.55	51.72	34.08	7.68	8.05	4.3	2.184	100.5	4.7	1.1
241	9/10/2016 3:31	18.43	51.67	34.04	7.65	8.04	4.5	2.242	99.9	4.6	1.1
242	9/10/2016 3:46	18.37	51.68	34.04	7.65	8.04	4.4	2.279	99.7	4.8	1.1
243	9/10/2016 4:01	18.31	51.64	34.01	7.66	8.04	4.0	2.337	99.8	4.4	1.0
244	9/10/2016 4:16	18.28	51.65	34.02	7.63	8.04	4.0	2.383	99.3	4.6	1.1
245	9/10/2016 4:31	18.24	51.66	34.03	7.67	8.04	4.0	2.438	99.7	4.7	1.1
246	9/10/2016 4:46	18.21	51.65	34.02	7.63	8.04	3.7	2.481	99.2	4.9	1.1
247	9/10/2016 5:01	18.11	51.60	33.98	7.65	8.04	3.5	2.539	99.3	5.1	1.2
248	9/10/2016 5:16	17.97	51.58	33.96	7.61	8.03	3.5	2.586	98.5	4.8	1.1
249	9/10/2016 5:31	17.83	51.54	33.93	7.60	8.03	3.3	2.640	98.0	5.0	1.2
250	9/10/2016 5:46	17.74	51.49	33.90	7.58	8.03	3.2	2.700	97.6	5.0	1.2
251	9/10/2016 6:01	17.64	51.54	33.93	7.55	8.02	3.3	2.737	97.1	5.2	1.2

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
252	9/10/2016 6:16	17.50	51.49	33.90	7.54	8.02	3.3	2.789	96.7	4.8	1.1
253	9/10/2016 6:31	17.36	51.44	33.86	7.57	8.02	3.1	2.837	96.7	5.3	1.3
254	9/10/2016 6:46	17.24	51.46	33.88	7.51	8.01	3.0	2.878	95.7	5.3	1.2
255	9/10/2016 7:01	17.10	51.43	33.85	7.46	8.01	3.0	2.915	94.9	5.2	1.2
256	9/10/2016 7:16	17.03	51.43	33.84	7.38	8.00	2.9	2.942	93.8	4.1	1.0
257	9/10/2016 7:31	16.97	51.41	33.83	7.32	7.99	2.6	2.974	92.9	4.7	1.1
258	9/10/2016 7:46	17.61	51.67	34.03	6.91	7.99	5.4	2.994	88.8	4.2	1.0
259	9/10/2016 8:01	17.39	51.55	33.94	7.00	7.98	3.5	2.995	89.5	4.0	0.9
260	9/10/2016 8:16	16.97	51.44	33.85	7.04	7.98	2.7	3.006	89.3	3.2	0.8
261	9/10/2016 8:31	17.04	51.43	33.85	7.06	7.98	3.4	2.997	89.7	2.9	0.7
262	9/10/2016 8:46	17.49	51.54	33.94	6.60	7.96	4.1	2.979	84.6	3.1	0.7
263	9/10/2016 9:01	17.21	51.45	33.87	6.77	7.97	3.9	2.954	86.3	3.9	0.9
264	9/10/2016 9:16	17.38	51.63	34.00	6.59	7.95	4.5	2.925	84.3	3.6	0.8
265	9/10/2016 9:31	17.30	51.68	34.04	6.63	7.95	5.1	2.904	84.7	3.6	0.8
266	9/10/2016 9:46	17.32	51.66	34.02	7.01	7.98	5.2	2.854	89.5	4.3	1.0
267	9/10/2016 10:01	17.36	51.60	33.98	7.10	7.99	5.1	2.819	90.8	4.7	1.1
268	9/10/2016 10:16	17.44	51.52	33.92	7.31	8.01	3.9	2.788	93.6	4.6	1.1
269	9/10/2016 10:31	17.50	51.54	33.94	7.36	8.01	3.7	2.748	94.4	3.7	0.9
270	9/10/2016 10:46	17.58	51.61	33.98	7.35	8.01	3.6	2.711	94.3	3.9	0.9
271	9/10/2016 11:01	17.59	51.57	33.96	7.50	8.02	3.6	2.677	96.4	4.3	1.0
272	9/10/2016 11:16	17.64	51.60	33.98	7.46	8.02	3.4	2.654	96.0	3.9	0.9
273	9/10/2016 11:31	17.73	51.59	33.97	7.51	8.03	3.2	2.614	96.7	5.0	1.2
274	9/10/2016 11:46	17.74	51.60	33.98	7.64	8.04	3.4	2.591	98.4	4.4	1.0
275	9/10/2016 12:01	17.84	51.61	33.99	7.83	8.05	3.2	2.577	101.1	5.3	1.3
276	9/10/2016 12:16	17.89	51.59	33.98	7.74	8.05	2.6	2.565	100.0	4.0	0.9
277	9/10/2016 12:31	18.02	51.56	33.95	7.67	8.05	3.0	2.548	99.3	3.9	0.9
278	9/10/2016 12:46	17.98	51.60	33.98	7.60	8.04	2.4	2.546	98.3	4.7	1.1
279	9/10/2016 13:01	18.00	51.62	34.00	7.85	8.05	2.7	2.551	101.7	5.4	1.3
280	9/10/2016 13:16	17.98	51.62	33.99	8.04	8.06	3.2	2.556	104.0	6.8	1.6
281	9/10/2016 13:31	17.93	51.60	33.98	7.74	8.04	2.8	2.576	100.0	5.0	1.2
282	9/10/2016 13:46	17.90	51.61	33.99	7.69	8.04	2.9	2.597	99.4	5.4	1.3
283	9/10/2016 14:01	17.93	51.60	33.98	7.77	8.04	3.0	2.620	100.5	7.2	1.7
284	9/10/2016 14:16	17.91	51.59	33.97	7.76	8.04	3.0	2.658	100.2	6.0	1.4
285	9/10/2016 14:31	17.87	51.57	33.96	7.75	8.04	2.9	2.694	100.1	5.6	1.3
286	9/10/2016 14:46	17.83	51.60	33.98	7.68	8.03	2.9	2.727	99.1	5.8	1.4
287	9/10/2016 15:01	17.80	51.51	33.91	7.90	8.04	2.8	2.770	101.9	6.4	1.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
288	9/10/2016 15:16	17.69	51.55	33.94	7.82	8.04	2.8	2.819	100.6	6.2	1.5
289	9/10/2016 15:31	17.60	51.56	33.95	7.73	8.03	2.6	2.863	99.4	5.9	1.4
290	9/10/2016 15:46	17.53	51.54	33.94	7.66	8.02	2.8	2.902	98.3	5.6	1.3
291	9/10/2016 16:01	17.20	51.44	33.86	7.53	8.01	2.7	2.957	96.0	5.5	1.3
292	9/10/2016 16:16	16.94	51.42	33.84	7.59	8.00	2.9	3.004	96.2	5.3	1.3
293	9/10/2016 16:31	16.63	51.36	33.79	7.63	8.00	2.6	3.067	96.1	5.4	1.3
294	9/10/2016 16:46	16.42	51.32	33.76	7.63	7.99	2.5	3.108	95.7	4.7	1.1
295	9/10/2016 17:01	16.17	51.27	33.72	7.55	7.98	2.5	3.160	94.2	4.6	1.1
296	9/10/2016 17:16	16.20	51.28	33.73	7.82	8.00	2.4	3.217	97.6	4.8	1.1
297	9/10/2016 17:31	15.97	51.27	33.71	7.47	7.97	2.2	3.256	92.9	4.7	1.1
298	9/10/2016 17:46	15.77	51.26	33.70	7.26	7.95	2.9	3.303	89.8	5.0	1.2
299	9/10/2016 18:01	15.64	51.23	33.68	7.14	7.94	2.4	3.335	88.2	4.7	1.1
300	9/10/2016 18:16	15.58	51.21	33.66	7.18	7.94	2.3	3.372	88.5	4.7	1.1
301	9/10/2016 18:31	15.51	51.22	33.67	7.21	7.94	2.2	3.395	88.8	4.7	1.1
302	9/10/2016 18:46	15.48	51.16	33.63	7.10	7.93	1.8	3.406	87.4	4.2	1.0
303	9/10/2016 19:01	15.42	51.18	33.64	6.81	7.91	1.5	3.422	83.7	4.0	0.9
304	9/10/2016 19:16	15.43	51.18	33.64	6.85	7.91	1.8	3.414	84.2	4.1	1.0
305	9/10/2016 19:31	15.49	51.17	33.63	6.89	7.92	1.9	3.406	84.8	3.2	0.8
306	9/10/2016 19:46	15.54	51.19	33.65	6.94	7.92	2.8	3.388	85.5	3.4	0.8
307	9/10/2016 20:01	15.74	51.25	33.69	6.95	7.93	1.8	3.351	86.0	4.1	1.0
308	9/10/2016 20:16	16.17	51.27	33.72	7.36	7.97	6.0	3.313	91.8	4.7	1.1
309	9/10/2016 20:31	16.50	51.28	33.73	7.51	7.99	3.2	3.258	94.3	4.4	1.0
310	9/10/2016 20:46	16.97	51.39	33.82	7.84	8.03	4.3	3.204	99.4	5.0	1.2
311	9/10/2016 21:01	17.31	51.41	33.84	8.21	8.07	4.6	3.151	104.8	4.9	1.2
312	9/10/2016 21:16	17.29	51.42	33.85	8.25	8.06	4.2	3.078	105.3	5.6	1.3
313	9/10/2016 21:31	17.40	51.45	33.87	8.30	8.06	4.3	3.012	106.1	5.1	1.2
314	9/10/2016 21:46	17.55	51.48	33.89	8.35	8.07	4.2	2.946	107.1	5.3	1.2
315	9/10/2016 22:01	17.64	51.48	33.89	8.44	8.07	4.4	2.869	108.5	5.3	1.3
316	9/10/2016 22:16	17.82	51.54	33.94	8.42	8.08	4.5	2.793	108.6	4.8	1.1
317	9/10/2016 22:31	17.99	51.54	33.94	8.45	8.08	4.7	2.715	109.3	4.9	1.2
318	9/10/2016 22:46	18.08	51.58	33.97	8.49	8.09	5.0	2.642	110.0	5.0	1.2
319	9/10/2016 23:01	17.92	51.55	33.95	8.36	8.08	5.4	2.556	108.1	5.2	1.2
320	9/10/2016 23:16	17.66	51.53	33.93	8.24	8.06	5.4	2.479	106.0	5.3	1.2
321	9/10/2016 23:31	17.84	51.55	33.94	8.20	8.06	5.6	2.378	105.9	4.9	1.2
322	9/10/2016 23:46	17.97	51.54	33.94	8.13	8.06	5.6	2.311	105.2	4.6	1.1
323	9/11/2016 0:01	17.98	51.60	33.98	8.09	8.06	5.3	2.225	104.7	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
324	9/11/2016 0:16	17.98	51.62	34.00	7.82	8.04	5.8	2.134	101.2	4.5	1.0
325	9/11/2016 0:31	17.88	51.66	34.02	7.56	8.02	5.7	2.063	97.7	4.9	1.1
326	9/11/2016 0:46	17.89	51.65	34.02	7.42	8.02	5.3	1.985	95.9	4.7	1.1
327	9/11/2016 1:01	18.04	51.69	34.05	7.28	8.02	5.6	1.934	94.3	4.6	1.1
328	9/11/2016 1:16	18.15	51.70	34.06	7.33	8.02	4.7	1.874	95.2	4.7	1.1
329	9/11/2016 1:31	18.30	51.77	34.11	7.36	8.03	4.5	1.833	96.0	4.6	1.1
330	9/11/2016 1:46	18.46	51.80	34.13	7.42	8.04	4.0	1.808	96.9	4.7	1.1
331	9/11/2016 2:01	18.65	51.80	34.14	7.37	8.05	3.1	1.799	96.7	5.6	1.3
332	9/11/2016 2:16	18.77	51.82	34.15	7.16	8.05	3.0	1.793	94.1	4.6	1.1
333	9/11/2016 2:31	18.84	51.90	34.21	7.69	8.07	3.2	1.810	101.3	4.2	1.0
334	9/11/2016 2:46	18.77	51.87	34.18	7.72	8.06	3.5	1.838	101.5	4.3	1.0
335	9/11/2016 3:01	18.67	51.84	34.17	7.63	8.06	3.4	1.864	100.2	4.3	1.0
336	9/11/2016 3:16	18.70	51.84	34.16	7.66	8.06	4.0	1.912	100.6	4.0	0.9
337	9/11/2016 3:31	18.65	51.82	34.15	7.67	8.06	3.7	1.960	100.7	4.2	1.0
338	9/11/2016 3:46	18.64	51.82	34.15	7.66	8.05	3.6	2.002	100.4	3.6	0.8
339	9/11/2016 4:01	18.60	51.81	34.14	7.70	8.05	3.5	2.068	100.9	3.8	0.9
340	9/11/2016 4:16	18.57	51.82	34.14	7.71	8.05	3.6	2.114	101.0	4.1	1.0
341	9/11/2016 4:31	18.50	51.79	34.12	7.72	8.05	3.4	2.169	100.9	3.9	0.9
342	9/11/2016 4:46	18.36	51.74	34.09	7.72	8.05	3.6	2.235	100.7	4.4	1.0
343	9/11/2016 5:01	18.23	51.70	34.06	7.73	8.04	3.4	2.290	100.6	4.6	1.1
344	9/11/2016 5:16	18.21	51.73	34.08	7.72	8.04	3.3	2.344	100.5	4.7	1.1
345	9/11/2016 5:31	18.22	51.71	34.06	7.70	8.04	3.6	2.409	100.1	4.4	1.0
346	9/11/2016 5:46	18.19	51.73	34.08	7.67	8.04	3.5	2.477	99.7	4.1	1.0
347	9/11/2016 6:01	17.98	51.66	34.03	7.65	8.03	3.4	2.529	99.0	4.1	1.0
348	9/11/2016 6:16	17.82	51.61	33.99	7.61	8.03	3.9	2.594	98.1	4.5	1.1
349	9/11/2016 6:31	17.71	51.62	33.99	7.57	8.02	3.8	2.659	97.5	5.2	1.2
350	9/11/2016 6:46	17.57	51.54	33.93	7.59	8.02	3.7	2.708	97.4	4.9	1.2
351	9/11/2016 7:01	17.43	51.55	33.94	7.62	8.02	3.4	2.773	97.5	4.6	1.1
352	9/11/2016 7:16	17.27	51.51	33.91	7.62	8.02	3.6	2.825	97.3	4.6	1.1
353	9/11/2016 7:31	17.12	51.48	33.89	7.60	8.01	3.3	2.878	96.7	5.0	1.2
354	9/11/2016 7:46	17.02	51.48	33.89	7.55	8.01	3.2	2.928	95.8	4.7	1.1
355	9/11/2016 8:01	16.92	51.45	33.86	7.50	8.00	3.0	2.971	95.1	3.8	0.9
356	9/11/2016 8:16	16.80	51.41	33.83	7.45	7.99	3.3	3.017	94.2	3.5	0.8
357	9/11/2016 8:31	16.69	51.41	33.83	7.42	7.99	3.1	3.054	93.7	3.9	0.9
358	9/11/2016 8:46	16.66	51.36	33.79	7.38	7.99	2.8	3.080	93.0	4.0	0.9
359	9/11/2016 9:01	16.75	51.41	33.83	7.21	7.98	2.5	3.100	91.0	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
360	9/11/2016 9:16	16.97	51.50	33.90	7.17	7.98	3.0	3.113	90.9	3.5	0.8
361	9/11/2016 9:31	16.41	51.37	33.80	7.18	7.97	2.9	3.105	90.1	3.6	0.9
362	9/11/2016 9:46	16.39	51.36	33.78	7.19	7.97	2.6	3.091	90.1	3.5	0.8
363	9/11/2016 10:01	16.53	51.37	33.80	7.22	7.97	2.7	3.067	90.8	3.5	0.8
364	9/11/2016 10:16	16.75	51.43	33.84	7.16	7.97	2.6	3.040	90.4	3.3	0.8
365	9/11/2016 10:31	17.17	51.56	33.95	7.07	7.98	3.2	3.005	90.1	3.2	0.8
366	9/11/2016 10:46	17.35	51.63	34.00	7.28	8.00	3.8	2.945	93.1	3.8	0.9
367	9/11/2016 11:01	17.47	51.61	33.99	7.45	8.01	4.8	2.900	95.4	3.9	0.9
368	9/11/2016 11:16	17.46	51.56	33.95	7.62	8.02	3.6	2.869	97.6	3.7	0.9
369	9/11/2016 11:31	17.50	51.56	33.95	7.58	8.02	3.3	2.810	97.2	3.4	0.8
370	9/11/2016 11:46	17.62	51.62	33.99	7.38	8.01	3.1	2.750	94.8	3.5	0.8
371	9/11/2016 12:01	17.70	51.62	34.00	7.40	8.02	3.0	2.724	95.2	3.5	0.8
372	9/11/2016 12:16	17.76	51.63	34.01	7.22	8.00	3.2	2.693	93.0	3.4	0.8
373	9/11/2016 12:31	17.86	51.67	34.03	7.30	8.01	3.6	2.630	94.3	3.6	0.8
374	9/11/2016 12:46	17.93	51.63	34.00	7.16	8.00	3.2	2.607	92.6	3.1	0.7
375	9/11/2016 13:01	18.04	51.69	34.05	7.25	8.01	2.6	2.592	93.9	3.0	0.7
376	9/11/2016 13:16	18.10	51.70	34.06	7.35	8.01	2.9	2.558	95.3	3.3	0.8
377	9/11/2016 13:31	18.25	51.68	34.04	7.63	8.04	2.8	2.541	99.3	3.3	0.8
378	9/11/2016 13:46	18.26	51.70	34.06	7.90	8.05	3.2	2.528	102.9	5.0	1.2
379	9/11/2016 14:01	18.11	51.65	34.02	7.98	8.04	3.4	2.530	103.5	3.6	0.8
380	9/11/2016 14:16	18.06	51.64	34.01	7.78	8.03	3.0	2.533	100.8	4.3	1.0
381	9/11/2016 14:31	18.19	51.68	34.04	7.75	8.04	2.9	2.530	100.7	5.3	1.3
382	9/11/2016 14:46	18.08	51.59	33.98	7.91	8.04	3.1	2.551	102.5	4.6	1.1
383	9/11/2016 15:01	18.03	51.69	34.05	7.81	8.04	2.9	2.575	101.3	4.6	1.1
384	9/11/2016 15:16	18.12	51.66	34.03	7.85	8.05	3.0	2.596	102.0	5.4	1.3
385	9/11/2016 15:31	18.03	51.65	34.02	7.91	8.04	3.2	2.635	102.5	5.5	1.3
386	9/11/2016 15:46	17.92	51.63	34.00	7.93	8.04	3.0	2.663	102.5	5.6	1.3
387	9/11/2016 16:01	17.89	51.58	33.97	7.99	8.04	2.8	2.708	103.2	6.0	1.4
388	9/11/2016 16:16	17.78	51.59	33.97	8.06	8.04	3.7	2.764	104.0	5.0	1.2
389	9/11/2016 16:31	17.67	51.59	33.97	7.98	8.04	2.9	2.807	102.7	4.8	1.1
390	9/11/2016 16:46	17.60	51.58	33.96	8.02	8.04	3.1	2.851	103.0	5.3	1.3
391	9/11/2016 17:01	17.42	51.53	33.92	7.93	8.03	2.8	2.910	101.4	5.1	1.2
392	9/11/2016 17:16	17.15	51.48	33.89	7.93	8.02	2.8	2.968	101.0	4.7	1.1
393	9/11/2016 17:31	16.91	51.44	33.85	7.92	8.01	3.0	3.012	100.3	4.9	1.2
394	9/11/2016 17:46	16.74	51.40	33.82	8.11	8.02	2.5	3.076	102.4	4.7	1.1
395	9/11/2016 18:01	16.40	51.36	33.79	8.12	8.02	2.6	3.138	101.8	4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
396	9/11/2016 18:16	16.26	51.32	33.75	8.14	8.02	2.9	3.191	101.8	5.3	1.3
397	9/11/2016 18:31	16.19	51.34	33.77	8.07	8.01	2.6	3.244	100.8	4.6	1.1
398	9/11/2016 18:46	15.93	51.29	33.73	7.89	7.99	2.4	3.288	98.1	4.6	1.1
399	9/11/2016 19:01	15.80	51.30	33.73	7.85	7.99	2.4	3.343	97.3	4.5	1.1
400	9/11/2016 19:16	15.67	51.27	33.71	7.86	7.99	2.4	3.382	97.1	4.4	1.0
401	9/11/2016 19:31	15.55	51.25	33.69	7.81	7.98	2.5	3.412	96.3	4.9	1.1
402	9/11/2016 19:46	15.50	51.23	33.68	7.75	7.98	2.3	3.437	95.4	4.6	1.1
403	9/11/2016 20:01	15.34	51.25	33.69	7.59	7.96	2.1	3.462	93.2	4.2	1.0
404	9/11/2016 20:16	15.30	51.23	33.67	7.45	7.96	1.6	3.472	91.4	4.6	1.1
405	9/11/2016 20:31	15.35	51.26	33.70	7.58	7.96	2.2	3.453	93.1	4.7	1.1
406	9/11/2016 20:46	15.38	51.23	33.67	7.49	7.96	2.1	3.438	92.0	3.6	0.9
407	9/11/2016 21:01	15.41	51.24	33.68	7.48	7.96	2.2	3.404	91.9	3.9	0.9
408	9/11/2016 21:16	15.64	51.24	33.69	7.55	7.97	2.3	3.363	93.3	4.3	1.0
409	9/11/2016 21:31	16.85	51.48	33.88	7.72	8.03	4.0	3.305	97.8	4.5	1.1
410	9/11/2016 21:46	16.75	51.44	33.85	7.71	8.02	4.8	3.231	97.4	5.5	1.3
411	9/11/2016 22:01	16.55	51.41	33.83	7.88	8.02	4.3	3.177	99.2	4.9	1.2
412	9/11/2016 22:16	16.76	51.41	33.83	7.89	8.02	4.4	3.091	99.7	4.9	1.1
413	9/11/2016 22:31	16.97	51.43	33.85	8.15	8.04	4.8	3.015	103.4	4.9	1.2
414	9/11/2016 22:46	17.30	51.51	33.91	8.22	8.05	4.6	2.937	104.9	4.4	1.0
415	9/11/2016 23:01	17.48	51.56	33.95	8.25	8.06	5.0	2.854	105.8	5.1	1.2
416	9/11/2016 23:16	17.68	51.59	33.98	8.29	8.06	5.2	2.777	106.6	4.8	1.1
417	9/11/2016 23:31	17.86	51.64	34.01	8.34	8.07	4.7	2.698	107.7	4.7	1.1
418	9/11/2016 23:46	17.98	51.63	34.00	8.37	8.08	5.7	2.610	108.4	4.6	1.1
419	9/12/2016 0:01	18.03	51.68	34.04	8.22	8.07	4.7	2.513	106.5	4.3	1.0
420	9/12/2016 0:16	17.61	51.59	33.97	8.17	8.06	5.9	2.428	104.9	4.1	1.0
421	9/12/2016 0:31	17.88	51.70	34.05	8.12	8.06	5.7	2.346	105.0	4.7	1.1
422	9/12/2016 0:46	17.93	51.73	34.08	7.96	8.06	7.0	2.243	103.0	4.4	1.0
423	9/12/2016 1:01	17.72	51.70	34.05	7.84	8.05	6.5	2.149	101.0	4.7	1.1
424	9/12/2016 1:16	17.69	51.74	34.08	7.60	8.04	6.3	2.063	97.9	4.9	1.1
425	9/12/2016 1:31	17.67	51.85	34.16	7.45	8.02	6.1	1.977	96.0	4.5	1.1
426	9/12/2016 1:46	17.80	51.81	34.14	7.39	8.02	5.6	1.878	95.3	4.2	1.0
427	9/12/2016 2:01	17.79	51.85	34.17	7.30	8.02	6.6	1.811	94.2	4.6	1.1
428	9/12/2016 2:16	17.90	51.84	34.16	7.31	8.02	5.7	1.753	94.6	4.0	0.9
429	9/12/2016 2:31	18.19	51.88	34.19	7.36	8.04	5.4	1.702	95.8	4.1	1.0
430	9/12/2016 2:46	18.28	51.92	34.22	7.43	8.05	6.2	1.655	96.9	4.0	1.0
431	9/12/2016 3:01	18.62	51.99	34.27	7.45	8.06	3.3	1.656	97.7	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
432	9/12/2016 3:16	18.68	51.98	34.27	7.31	8.06	3.6	1.655	96.0	4.6	1.1
433	9/12/2016 3:31	18.71	51.99	34.27	7.70	8.07	3.6	1.669	101.1	3.6	0.9
434	9/12/2016 3:46	18.55	51.96	34.25	7.61	8.06	4.3	1.713	99.7	3.8	0.9
435	9/12/2016 4:01	18.57	51.94	34.23	7.62	8.06	5.4	1.743	99.9	3.6	0.9
436	9/12/2016 4:16	18.53	51.92	34.22	7.62	8.06	3.9	1.807	99.8	3.6	0.9
437	9/12/2016 4:31	18.52	51.92	34.22	7.64	8.06	4.2	1.877	100.0	3.6	0.8
438	9/12/2016 4:46	18.47	51.90	34.21	7.66	8.06	4.0	1.932	100.2	3.6	0.8
439	9/12/2016 5:01	18.42	51.87	34.18	7.62	8.05	4.9	2.001	99.6	4.1	1.0
440	9/12/2016 5:16	18.36	51.86	34.18	7.57	8.04	4.6	2.062	98.8	4.4	1.0
441	9/12/2016 5:31	18.22	51.82	34.15	7.62	8.04	4.1	2.134	99.1	4.1	1.0
442	9/12/2016 5:46	18.17	51.82	34.14	7.62	8.04	4.2	2.204	99.1	4.1	1.0
443	9/12/2016 6:01	18.14	51.80	34.13	7.59	8.04	4.3	2.255	98.6	4.2	1.0
444	9/12/2016 6:16	18.13	51.79	34.12	7.57	8.03	4.3	2.330	98.4	4.3	1.0
445	9/12/2016 6:31	17.96	51.72	34.07	7.59	8.03	3.8	2.405	98.3	4.9	1.2
446	9/12/2016 6:46	17.85	51.71	34.06	7.57	8.03	5.2	2.472	97.7	5.0	1.2
447	9/12/2016 7:01	17.70	51.68	34.04	7.54	8.02	4.6	2.537	97.1	4.6	1.1
448	9/12/2016 7:16	17.51	51.60	33.97	7.54	8.02	4.3	2.607	96.7	4.3	1.0
449	9/12/2016 7:31	17.34	51.55	33.94	7.55	8.02	4.5	2.681	96.5	3.8	0.9
450	9/12/2016 7:46	17.16	51.54	33.93	7.54	8.01	4.9	2.745	96.1	4.1	1.0
451	9/12/2016 8:01	16.99	51.52	33.91	7.55	8.01	4.1	2.810	95.8	4.4	1.0
452	9/12/2016 8:16	16.92	51.50	33.90	7.53	8.00	4.8	2.869	95.4	4.4	1.0
453	9/12/2016 8:31	16.79	51.47	33.88	7.55	8.00	3.7	2.932	95.4	4.6	1.1
454	9/12/2016 8:46	16.56	51.38	33.81	7.56	7.99	3.6	2.991	95.1	3.8	0.9
455	9/12/2016 9:01	16.38	51.39	33.81	7.53	7.99	3.3	3.040	94.4	4.6	1.1
456	9/12/2016 9:16	16.28	51.41	33.82	7.44	7.98	3.3	3.088	93.1	3.7	0.9
457	9/12/2016 9:31	15.97	51.36	33.78	7.38	7.97	3.1	3.133	91.8	4.3	1.0
458	9/12/2016 9:46	15.94	51.31	33.74	7.33	7.97	2.9	3.157	91.1	4.7	1.1
459	9/12/2016 10:01	16.01	51.50	33.88	7.22	7.96	3.0	3.183	89.9	3.5	0.8
460	9/12/2016 10:16	16.16	51.42	33.83	7.28	7.96	3.3	3.187	90.9	4.0	1.0
461	9/12/2016 10:31	15.71	51.38	33.79	7.25	7.96	2.6	3.173	89.7	4.4	1.0
462	9/12/2016 10:46	15.90	51.31	33.74	7.17	7.96	2.6	3.161	89.0	3.9	0.9
463	9/12/2016 11:01	16.29	51.46	33.86	7.25	7.97	2.8	3.121	90.8	3.6	0.8
464	9/12/2016 11:16	16.96	51.49	33.89	7.65	8.01	4.0	3.061	97.0	3.7	0.9
465	9/12/2016 11:31	17.04	51.52	33.91	7.81	8.02	3.9	3.014	99.3	3.6	0.8
466	9/12/2016 11:46	17.04	51.51	33.90	7.94	8.02	3.7	2.958	100.9	3.8	0.9
467	9/12/2016 12:01	17.05	51.46	33.87	7.97	8.03	3.6	2.893	101.2	3.9	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
468	9/12/2016 12:16	17.24	51.51	33.91	7.90	8.03	3.4	2.835	100.7	3.4	0.8
469	9/12/2016 12:31	17.45	51.52	33.92	7.96	8.04	3.8	2.766	101.9	4.1	1.0
470	9/12/2016 12:46	17.63	51.52	33.92	8.11	8.05	3.8	2.709	104.2	4.0	1.0
471	9/12/2016 13:01	17.75	51.61	33.99	8.16	8.06	3.4	2.670	105.2	4.3	1.0
472	9/12/2016 13:16	17.85	51.62	34.00	8.03	8.05	3.6	2.605	103.7	3.7	0.9
473	9/12/2016 13:31	18.01	51.67	34.04	8.16	8.06	3.4	2.557	105.7	3.5	0.8
474	9/12/2016 13:46	18.12	51.71	34.06	8.12	8.06	3.3	2.523	105.4	3.9	0.9
475	9/12/2016 14:01	18.32	51.72	34.08	8.28	8.07	3.5	2.478	107.9	3.7	0.9
476	9/12/2016 14:16	18.31	51.71	34.07	8.32	8.07	3.0	2.436	108.4	3.2	0.7
477	9/12/2016 14:31	18.37	51.72	34.07	8.21	8.07	2.9	2.413	107.1	3.8	0.9
478	9/12/2016 14:46	18.48	51.73	34.08	8.20	8.07	3.1	2.385	107.1	3.6	0.8
479	9/12/2016 15:01	18.53	51.73	34.08	8.22	8.07	2.9	2.376	107.5	3.7	0.9
480	9/12/2016 15:16	18.30	51.65	34.02	8.58	8.08	2.9	2.370	111.7	4.0	0.9
481	9/12/2016 15:31	18.28	51.70	34.06	8.45	8.07	3.0	2.381	110.0	3.9	0.9
482	9/12/2016 15:46	18.26	51.67	34.04	8.45	8.07	3.3	2.398	110.0	4.3	1.0
483	9/12/2016 16:01	18.32	51.66	34.03	8.35	8.07	3.1	2.416	108.8	4.3	1.0
484	9/12/2016 16:16	18.36	51.66	34.03	8.46	8.07	3.4	2.459	110.3	4.5	1.1
485	9/12/2016 16:31	18.17	51.66	34.02	8.39	8.07	3.4	2.512	109.1	5.3	1.2
486	9/12/2016 16:46	18.06	51.63	34.01	8.28	8.06	3.2	2.566	107.4	4.3	1.0
487	9/12/2016 17:01	17.98	51.58	33.97	8.57	8.07	3.6	2.608	110.9	4.7	1.1
488	9/12/2016 17:16	17.78	51.53	33.93	8.63	8.07	3.4	2.675	111.2	4.2	1.0
489	9/12/2016 17:31	17.69	51.54	33.94	8.54	8.07	3.4	2.742	109.9	4.6	1.1
490	9/12/2016 17:46	17.60	51.52	33.92	8.39	8.05	3.5	2.796	107.7	4.6	1.1
491	9/12/2016 18:01	17.34	51.45	33.87	8.23	8.04	3.2	2.859	105.1	4.4	1.0
492	9/12/2016 18:16	16.99	51.42	33.84	8.15	8.03	3.0	2.922	103.3	4.1	1.0
493	9/12/2016 18:31	16.74	51.39	33.81	7.99	8.01	2.8	2.997	100.9	4.8	1.1
494	9/12/2016 18:46	16.65	51.39	33.81	7.93	8.01	3.2	3.060	100.0	4.5	1.1
495	9/12/2016 19:01	16.54	51.38	33.80	7.91	8.01	3.1	3.120	99.5	4.9	1.2
496	9/12/2016 19:16	16.39	51.35	33.78	7.70	7.99	3.4	3.190	96.5	5.1	1.2
497	9/12/2016 19:31	15.95	51.29	33.73	7.51	7.97	3.7	3.258	93.4	4.4	1.0
498	9/12/2016 19:46	15.59	51.26	33.70	7.49	7.96	3.4	3.318	92.5	4.3	1.0
499	9/12/2016 20:01	15.37	51.22	33.66	7.50	7.96	3.3	3.367	92.1	5.4	1.3
500	9/12/2016 20:16	15.07	51.21	33.65	7.63	7.97	3.1	3.434	93.2	4.6	1.1
501	9/12/2016 20:31	14.95	51.19	33.64	7.70	7.97	3.1	3.479	93.7	4.4	1.0
502	9/12/2016 20:46	14.78	51.20	33.63	7.74	7.97	3.1	3.498	94.0	5.0	1.2
503	9/12/2016 21:01	14.75	51.17	33.61	7.65	7.97	2.7	3.528	92.7	4.2	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
504	9/12/2016 21:16	15.03	51.21	33.65	7.51	7.96	2.9	3.541	91.6	4.7	1.1
505	9/12/2016 21:31	14.75	51.22	33.65	7.51	7.96	2.7	3.539	91.0	4.2	1.0
506	9/12/2016 21:46	14.72	51.20	33.63	7.44	7.95	2.8	3.517	90.1	3.9	0.9
507	9/12/2016 22:01	14.92	51.20	33.64	7.39	7.95	2.5	3.468	89.9	3.5	0.8
508	9/12/2016 22:16	15.44	51.31	33.73	7.47	7.97	3.2	3.424	91.9	3.7	0.9
509	9/12/2016 22:31	15.99	51.34	33.77	7.46	7.99	3.6	3.358	92.8	4.4	1.0
510	9/12/2016 22:46	15.78	51.32	33.75	7.43	7.98	5.1	3.274	92.1	5.4	1.3
511	9/12/2016 23:01	15.49	51.29	33.72	7.43	7.97	5.1	3.195	91.4	4.9	1.2
512	9/12/2016 23:16	16.26	51.39	33.81	7.49	8.00	5.2	3.105	93.6	4.8	1.1
513	9/12/2016 23:31	16.36	51.38	33.80	7.57	8.00	5.3	3.026	94.9	4.3	1.0
514	9/12/2016 23:46	16.59	51.43	33.84	7.64	8.01	5.0	2.938	96.2	5.1	1.2
515	9/13/2016 0:01	16.77	51.46	33.87	7.70	8.01	5.7	2.837	97.3	4.8	1.1
516	9/13/2016 0:16	17.05	51.49	33.90	7.76	8.02	6.2	2.758	98.6	4.5	1.1
517	9/13/2016 0:31	17.42	51.58	33.96	7.82	8.04	6.2	2.667	100.1	4.4	1.0
518	9/13/2016 0:46	17.56	51.62	33.99	7.87	8.04	5.9	2.556	101.0	4.3	1.0
519	9/13/2016 1:01	17.75	51.66	34.02	7.85	8.04	6.5	2.453	101.2	4.4	1.0
520	9/13/2016 1:16	17.90	51.67	34.03	8.06	8.06	6.8	2.360	104.2	4.0	0.9
521	9/13/2016 1:31	17.86	51.65	34.02	7.92	8.05	6.2	2.257	102.2	3.6	0.8
522	9/13/2016 1:46	17.80	51.68	34.04	7.75	8.04	7.0	2.146	100.0	3.9	0.9
523	9/13/2016 2:01	17.66	51.69	34.05	7.60	8.04	7.3	2.031	97.8	3.8	0.9
524	9/13/2016 2:16	17.71	51.73	34.08	7.46	8.03	6.5	1.934	96.1	3.9	0.9
525	9/13/2016 2:31	17.63	51.71	34.06	7.33	8.02	6.1	1.828	94.2	3.5	0.8
526	9/13/2016 2:46	17.64	51.74	34.08	7.25	8.01	6.2	1.734	93.3	4.1	1.0
527	9/13/2016 3:01	17.66	51.79	34.12	7.20	8.01	5.9	1.665	92.6	3.7	0.9
528	9/13/2016 3:16	17.76	51.85	34.16	7.21	8.01	5.5	1.602	93.0	3.7	0.9
529	9/13/2016 3:31	17.89	51.87	34.18	7.21	8.02	4.9	1.551	93.3	3.8	0.9
530	9/13/2016 3:46	18.15	51.90	34.21	7.34	8.04	5.4	1.527	95.4	3.7	0.9
531	9/13/2016 4:01	18.16	51.90	34.21	7.28	8.04	2.5	1.515	94.7	4.1	1.0
532	9/13/2016 4:16	18.34	51.97	34.26	7.54	8.06	4.0	1.541	98.4	3.6	0.9
533	9/13/2016 4:31	18.22	51.89	34.20	7.44	8.05	4.0	1.567	96.9	3.6	0.9
534	9/13/2016 4:46	18.36	51.95	34.24	7.53	8.06	4.3	1.613	98.4	2.8	0.7
535	9/13/2016 5:01	18.33	51.88	34.19	7.57	8.06	4.0	1.679	98.8	4.0	0.9
536	9/13/2016 5:16	18.33	51.92	34.22	7.57	8.06	4.5	1.749	98.7	3.7	0.9
537	9/13/2016 5:31	18.30	51.88	34.19	7.57	8.06	4.5	1.834	98.7	3.4	0.8
538	9/13/2016 5:46	18.17	51.89	34.20	7.51	8.05	4.5	1.894	97.7	3.7	0.9
539	9/13/2016 6:01	17.97	51.82	34.15	7.47	8.04	4.3	1.978	96.8	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
540	9/13/2016 6:16	17.86	51.77	34.11	7.44	8.03	4.3	2.063	96.2	3.8	0.9
541	9/13/2016 6:31	17.83	51.77	34.11	7.44	8.03	4.8	2.126	96.1	3.5	0.8
542	9/13/2016 6:46	17.89	51.80	34.13	7.42	8.03	5.0	2.219	96.0	4.1	1.0
543	9/13/2016 7:01	17.90	51.78	34.11	7.42	8.03	5.1	2.297	96.0	3.9	0.9
544	9/13/2016 7:16	17.81	51.75	34.09	7.46	8.03	4.8	2.373	96.3	4.2	1.0
545	9/13/2016 7:31	17.71	51.75	34.09	7.40	8.02	5.1	2.461	95.3	3.9	0.9
546	9/13/2016 7:46	17.61	51.71	34.06	7.36	8.01	5.4	2.539	94.6	3.5	0.8
547	9/13/2016 8:01	17.38	51.65	34.01	7.32	8.01	5.3	2.627	93.7	3.9	0.9
548	9/13/2016 8:16	17.17	51.61	33.98	7.29	8.00	5.1	2.692	92.8	3.9	0.9
549	9/13/2016 8:31	17.00	51.57	33.95	7.25	7.99	5.0	2.774	92.1	4.4	1.0
550	9/13/2016 8:46	16.84	51.53	33.92	7.22	7.98	5.7	2.849	91.4	4.2	1.0
551	9/13/2016 9:01	16.69	51.48	33.88	7.19	7.98	5.0	2.918	90.8	4.4	1.0
552	9/13/2016 9:16	16.45	51.43	33.84	7.15	7.97	5.6	3.001	89.8	3.8	0.9
553	9/13/2016 9:31	15.97	51.38	33.80	7.12	7.96	5.6	3.067	88.6	4.0	0.9
554	9/13/2016 9:46	15.67	51.36	33.77	7.07	7.95	4.9	3.132	87.4	3.6	0.9
555	9/13/2016 10:01	15.32	51.30	33.72	7.04	7.94	4.2	3.186	86.4	4.0	1.0
556	9/13/2016 10:16	15.25	51.32	33.74	6.97	7.93	4.0	3.237	85.5	4.2	1.0
557	9/13/2016 10:31	15.01	51.30	33.71	6.97	7.93	3.5	3.275	85.0	3.6	0.8
558	9/13/2016 10:46	14.90	51.30	33.71	6.90	7.92	3.2	3.293	83.9	3.8	0.9
559	9/13/2016 11:01	15.17	51.37	33.77	6.92	7.93	3.4	3.299	84.7	3.8	0.9
560	9/13/2016 11:16	14.83	51.25	33.67	6.82	7.92	3.2	3.284	82.9	3.0	0.7
561	9/13/2016 11:31	15.12	51.28	33.70	6.82	7.92	3.2	3.255	83.3	3.5	0.8
562	9/13/2016 11:46	15.59	51.40	33.80	6.98	7.95	3.4	3.219	86.2	3.5	0.8
563	9/13/2016 12:01	16.07	51.42	33.83	7.24	7.97	4.5	3.142	90.3	3.7	0.9
564	9/13/2016 12:16	16.17	51.39	33.81	7.52	7.98	4.7	3.083	93.8	3.7	0.9
565	9/13/2016 12:31	16.15	51.39	33.80	7.45	7.98	4.3	3.021	92.9	3.8	0.9
566	9/13/2016 12:46	16.38	51.42	33.83	7.55	7.99	5.9	2.938	94.6	4.1	1.0
567	9/13/2016 13:01	16.63	51.45	33.86	7.50	7.99	5.2	2.865	94.5	4.0	0.9
568	9/13/2016 13:16	16.80	51.47	33.87	7.67	8.00	4.8	2.786	97.0	4.1	1.0
569	9/13/2016 13:31	16.98	51.46	33.87	7.89	8.02	4.5	2.727	100.2	4.0	0.9
570	9/13/2016 13:46	17.28	51.54	33.94	8.01	8.04	4.5	2.656	102.3	4.0	0.9
571	9/13/2016 14:01	17.65	51.61	33.99	8.02	8.04	4.6	2.593	103.2	4.0	0.9
572	9/13/2016 14:16	17.79	51.67	34.03	8.09	8.05	4.9	2.524	104.3	3.7	0.9
573	9/13/2016 14:31	17.90	51.68	34.04	8.10	8.05	4.6	2.474	104.7	3.7	0.9
574	9/13/2016 14:46	18.05	51.69	34.05	8.16	8.06	4.4	2.421	105.8	3.6	0.9
575	9/13/2016 15:01	18.11	51.68	34.05	8.25	8.06	4.1	2.357	107.1	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
576	9/13/2016 15:16	18.18	51.70	34.06	8.17	8.07	3.2	2.324	106.2	3.3	0.8
577	9/13/2016 15:31	18.25	51.71	34.07	8.06	8.07	3.1	2.296	105.0	2.6	0.6
578	9/13/2016 15:46	18.26	51.72	34.07	8.12	8.07	3.3	2.269	105.8	3.0	0.7
579	9/13/2016 16:01	18.22	51.75	34.09	8.05	8.07	3.2	2.246	104.8	3.6	0.8
580	9/13/2016 16:16	18.07	51.62	34.00	8.79	8.09	4.1	2.255	113.9	3.7	0.9
581	9/13/2016 16:31	18.29	51.74	34.09	8.37	8.07	3.7	2.285	109.1	3.8	0.9
582	9/13/2016 16:46	18.20	51.69	34.05	8.44	8.07	3.9	2.304	109.7	4.2	1.0
583	9/13/2016 17:01	18.29	51.73	34.08	8.31	8.07	3.7	2.331	108.2	3.8	0.9
584	9/13/2016 17:16	18.37	51.75	34.10	8.20	8.07	3.8	2.395	106.9	3.9	0.9
585	9/13/2016 17:31	18.31	51.73	34.08	8.14	8.06	4.6	2.460	106.0	3.9	0.9
586	9/13/2016 17:46	18.24	51.68	34.04	8.16	8.06	4.0	2.511	106.2	3.9	0.9
587	9/13/2016 18:01	18.09	51.65	34.02	8.31	8.07	4.3	2.585	107.8	3.6	0.8
588	9/13/2016 18:16	17.82	51.60	33.98	8.32	8.06	5.1	2.666	107.4	4.5	1.1
589	9/13/2016 18:31	17.71	51.59	33.97	8.17	8.05	4.4	2.732	105.2	4.1	1.0
590	9/13/2016 18:46	17.52	51.20	33.69	7.84	8.02	4.5	2.803	100.4	4.2	1.0
591	9/13/2016 19:01	16.93	51.47	33.88	7.48	7.99	4.7	2.880	94.8	4.6	1.1
592	9/13/2016 19:16	16.71	51.48	33.88	7.37	7.98	4.5	2.951	93.0	4.5	1.1
593	9/13/2016 19:31	16.55	51.47	33.87	7.34	7.98	4.7	3.026	92.4	5.0	1.2
594	9/13/2016 19:46	16.50	51.46	33.86	7.30	7.98	4.5	3.101	91.8	5.4	1.3
595	9/13/2016 20:01	16.26	51.42	33.83	7.27	7.97	4.7	3.180	91.0	5.0	1.2
596	9/13/2016 20:16	15.78	51.37	33.79	7.23	7.96	4.9	3.258	89.6	4.4	1.0
597	9/13/2016 20:31	15.37	51.30	33.72	7.16	7.95	5.0	3.333	87.9	5.1	1.2
598	9/13/2016 20:46	15.05	51.30	33.72	7.09	7.94	5.1	3.406	86.5	5.0	1.2
599	9/13/2016 21:01	14.55	51.28	33.69	7.08	7.92	5.6	3.468	85.6	4.7	1.1
600	9/13/2016 21:16	14.32	51.26	33.67	7.05	7.91	5.2	3.532	84.8	4.6	1.1
601	9/13/2016 21:31	14.14	51.21	33.62	7.03	7.90	4.3	3.576	84.2	4.4	1.0
602	9/13/2016 21:46	14.05	51.23	33.63	6.98	7.90	3.6	3.618	83.5	4.6	1.1
603	9/13/2016 22:01	13.98	51.20	33.61	6.93	7.90	3.3	3.644	82.7	4.6	1.1
604	9/13/2016 22:16	13.98	51.21	33.62	6.75	7.89	2.5	3.649	80.6	2.6	0.6
605	9/13/2016 22:31	14.00	51.24	33.64	6.73	7.89	2.9	3.643	80.4	3.3	0.8
606	9/13/2016 22:46	14.02	51.23	33.63	6.78	7.90	3.2	3.615	81.0	3.7	0.9
607	9/13/2016 23:01	14.24	51.25	33.65	6.76	7.90	3.2	3.568	81.2	3.0	0.7
608	9/13/2016 23:16	14.94	51.31	33.72	6.78	7.92	4.3	3.502	82.5	3.9	0.9
609	9/13/2016 23:31	15.15	51.36	33.76	6.82	7.92	5.5	3.429	83.5	4.3	1.0
610	9/13/2016 23:46	14.93	51.31	33.72	7.06	7.93	7.9	3.335	86.0	4.3	1.0
611	9/14/2016 0:01	15.18	51.34	33.75	6.95	7.93	5.4	3.245	85.1	4.2	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
612	9/14/2016 0:16	15.92	51.43	33.83	7.12	7.96	5.9	3.140	88.4	4.0	0.9
613	9/14/2016 0:31	16.16	51.46	33.86	7.22	7.97	6.5	3.039	90.2	4.1	1.0
614	9/14/2016 0:46	16.57	51.51	33.90	7.20	7.98	6.3	2.936	90.7	4.5	1.1
615	9/14/2016 1:01	16.94	51.56	33.94	7.30	7.99	6.5	2.818	92.6	3.7	0.9
616	9/14/2016 1:16	17.21	51.61	33.98	7.50	8.01	7.2	2.708	95.7	3.6	0.8
617	9/14/2016 1:31	17.35	51.64	34.01	7.53	8.01	8.2	2.603	96.4	3.5	0.8
618	9/14/2016 1:46	17.49	51.68	34.04	7.48	8.01	10.3	2.482	95.9	4.2	1.0
619	9/14/2016 2:01	17.42	51.72	34.06	7.57	8.02	8.4	2.358	96.9	4.0	0.9
620	9/14/2016 2:16	17.45	51.73	34.07	7.36	8.01	7.6	2.245	94.3	4.2	1.0
621	9/14/2016 2:31	17.25	51.68	34.03	7.13	7.99	7.6	2.119	91.1	4.2	1.0
622	9/14/2016 2:46	17.27	51.74	34.08	7.04	7.99	7.8	2.003	90.0	3.7	0.9
623	9/14/2016 3:01	17.29	51.73	34.07	7.07	7.99	7.5	1.883	90.3	3.8	0.9
624	9/14/2016 3:16	17.39	51.78	34.11	6.98	7.99	6.8	1.765	89.4	3.7	0.9
625	9/14/2016 3:31	17.45	51.79	34.12	7.01	7.99	6.7	1.665	89.8	3.5	0.8
626	9/14/2016 3:46	17.59	51.83	34.15	6.97	8.00	6.3	1.582	89.6	4.0	0.9
627	9/14/2016 4:01	17.58	51.80	34.13	6.95	7.99	5.9	1.507	89.4	3.6	0.8
628	9/14/2016 4:16	17.67	51.87	34.18	6.95	8.00	5.3	1.453	89.6	4.1	1.0
629	9/14/2016 4:31	17.94	51.92	34.22	6.97	8.02	4.5	1.437	90.3	3.5	0.8
630	9/14/2016 4:46	18.04	51.94	34.24	7.06	8.02	4.4	1.429	91.6	4.0	0.9
631	9/14/2016 5:01	17.76	51.94	34.23	7.07	8.01	4.8	1.462	91.2	3.3	0.8
632	9/14/2016 5:16	17.83	51.90	34.20	7.09	8.02	5.0	1.507	91.7	3.5	0.8
633	9/14/2016 5:31	17.97	51.94	34.23	7.18	8.03	4.8	1.563	93.1	4.0	0.9
634	9/14/2016 5:46	17.97	51.95	34.24	7.23	8.03	5.1	1.651	93.7	3.1	0.7
635	9/14/2016 6:01	18.00	51.91	34.21	7.27	8.03	5.4	1.732	94.3	3.7	0.9
636	9/14/2016 6:16	17.98	51.95	34.24	7.28	8.03	5.3	1.804	94.4	3.3	0.8
637	9/14/2016 6:31	17.83	51.94	34.23	7.12	8.01	5.9	1.892	92.0	3.6	0.9
638	9/14/2016 6:46	17.85	52.00	34.28	7.01	7.99	6.8	1.979	90.7	3.7	0.9
639	9/14/2016 7:01	17.65	51.94	34.23	6.98	7.99	6.4	2.071	89.9	4.1	1.0
640	9/14/2016 7:16	17.47	51.85	34.16	7.04	8.00	5.9	2.161	90.3	3.7	0.9
641	9/14/2016 7:31	17.52	51.77	34.10	7.09	8.00	5.5	2.245	91.1	3.5	0.8
642	9/14/2016 7:46	17.71	51.92	34.21	7.13	8.00	6.5	2.342	91.9	3.2	0.8
643	9/14/2016 8:01	17.64	51.86	34.17	7.12	8.00	6.4	2.438	91.7	3.7	0.9
644	9/14/2016 8:16	17.49	51.82	34.14	7.09	7.99	7.1	2.526	91.0	3.9	0.9
645	9/14/2016 8:31	17.34	51.71	34.06	7.05	7.98	6.8	2.616	90.2	3.7	0.9
646	9/14/2016 8:46	17.02	51.67	34.02	6.97	7.97	7.5	2.706	88.6	3.8	0.9
647	9/14/2016 9:01	16.89	51.65	34.01	6.91	7.96	7.4	2.794	87.6	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
648	9/14/2016 9:16	16.72	51.59	33.96	6.90	7.96	7.2	2.878	87.1	4.0	0.9
649	9/14/2016 9:31	16.44	51.51	33.90	6.91	7.95	7.9	2.968	86.8	4.1	1.0
650	9/14/2016 9:46	16.05	51.46	33.86	6.87	7.94	8.4	3.047	85.6	4.2	1.0
651	9/14/2016 10:01	15.60	51.42	33.82	6.83	7.93	7.8	3.124	84.3	4.4	1.0
652	9/14/2016 10:16	15.21	51.33	33.74	6.88	7.93	8.4	3.200	84.3	5.0	1.2
653	9/14/2016 10:31	15.01	51.32	33.73	6.93	7.93	7.6	3.272	84.5	3.9	0.9
654	9/14/2016 10:46	14.76	51.28	33.69	6.99	7.93	6.1	3.335	84.9	4.4	1.0
655	9/14/2016 11:01	14.63	51.27	33.68	7.02	7.93	4.5	3.386	84.9	3.6	0.8
656	9/14/2016 11:16	14.60	51.25	33.67	7.00	7.93	3.6	3.421	84.7	3.5	0.8
657	9/14/2016 11:31	15.21	51.29	33.71	6.94	7.94	3.9	3.443	85.0	3.4	0.8
658	9/14/2016 11:46	14.42	51.30	33.70	6.88	7.93	5.0	3.434	83.0	3.0	0.7
659	9/14/2016 12:01	14.46	51.27	33.68	6.90	7.93	3.3	3.412	83.2	2.9	0.7
660	9/14/2016 12:16	14.61	51.28	33.69	6.95	7.93	3.9	3.371	84.1	3.4	0.8
661	9/14/2016 12:31	15.00	51.32	33.73	7.13	7.94	4.3	3.300	86.9	3.4	0.8
662	9/14/2016 12:46	15.46	51.35	33.76	7.33	7.96	5.3	3.223	90.2	4.0	0.9
663	9/14/2016 13:01	15.64	51.31	33.74	7.47	7.97	5.7	3.139	92.3	4.4	1.0
664	9/14/2016 13:16	15.90	51.35	33.77	7.58	7.98	5.3	3.055	94.1	3.4	0.8
665	9/14/2016 13:31	16.35	51.42	33.83	7.54	7.99	6.5	2.961	94.5	3.7	0.9
666	9/14/2016 13:46	16.67	51.46	33.87	7.79	8.01	6.5	2.866	98.3	3.8	0.9
667	9/14/2016 14:01	17.15	51.55	33.94	7.89	8.02	5.9	2.785	100.5	3.1	0.7
668	9/14/2016 14:16	17.48	51.64	34.01	8.04	8.04	6.1	2.700	103.1	3.3	0.8
669	9/14/2016 14:31	17.64	51.66	34.02	8.20	8.05	5.6	2.624	105.4	3.6	0.8
670	9/14/2016 14:46	17.79	51.69	34.05	8.20	8.05	5.3	2.532	105.8	3.7	0.9
671	9/14/2016 15:01	17.80	51.73	34.08	8.43	8.07	5.0	2.448	108.9	3.6	0.8
672	9/14/2016 15:16	17.88	51.73	34.08	8.43	8.07	5.0	2.373	108.9	3.2	0.8
673	9/14/2016 15:31	17.94	51.73	34.08	8.43	8.07	4.5	2.299	109.1	3.3	0.8
674	9/14/2016 15:46	17.71	51.64	34.01	8.84	8.09	4.6	2.231	113.8	3.7	0.9
675	9/14/2016 16:01	18.00	51.70	34.06	8.58	8.08	4.0	2.166	111.1	3.2	0.8
676	9/14/2016 16:16	17.92	51.69	34.05	8.87	8.10	4.1	2.124	114.7	3.2	0.8
677	9/14/2016 16:31	17.98	51.71	34.06	8.57	8.08	3.4	2.095	111.0	2.8	0.7
678	9/14/2016 16:46	17.86	51.63	34.01	8.77	8.10	3.7	2.068	113.3	3.0	0.7
679	9/14/2016 17:01	17.72	51.64	34.01	9.13	8.11	3.6	2.068	117.6	3.7	0.9
680	9/14/2016 17:16	18.16	51.77	34.11	8.49	8.08	3.7	2.102	110.4	4.0	0.9
681	9/14/2016 17:31	18.23	51.78	34.12	8.46	8.08	4.0	2.136	110.2	4.1	1.0
682	9/14/2016 17:46	18.40	51.82	34.15	8.29	8.08	4.8	2.182	108.3	4.3	1.0
683	9/14/2016 18:01	18.33	51.81	34.14	8.24	8.07	4.6	2.256	107.4	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
684	9/14/2016 18:16	18.33	51.81	34.14	8.13	8.06	5.6	2.332	106.0	4.0	0.9
685	9/14/2016 18:31	18.27	51.80	34.13	8.16	8.06	6.2	2.413	106.2	4.5	1.1
686	9/14/2016 18:46	17.90	51.71	34.07	8.23	8.06	5.8	2.491	106.4	3.8	0.9
687	9/14/2016 19:01	17.85	51.69	34.05	8.24	8.05	5.2	2.571	106.4	4.6	1.1
688	9/14/2016 19:16	17.85	51.71	34.06	8.07	8.04	5.7	2.657	104.2	4.1	1.0
689	9/14/2016 19:31	17.41	51.64	34.01	7.72	8.02	5.3	2.734	98.9	4.9	1.2
690	9/14/2016 19:46	17.17	51.59	33.97	7.54	8.00	8.1	2.810	96.1	4.4	1.0
691	9/14/2016 20:01	16.93	51.55	33.94	7.46	7.99	5.2	2.898	94.6	4.1	1.0
692	9/14/2016 20:16	16.66	51.51	33.90	7.35	7.99	5.8	2.979	92.7	5.3	1.2
693	9/14/2016 20:31	16.40	51.47	33.87	7.25	7.98	6.5	3.064	91.0	5.1	1.2
694	9/14/2016 20:46	16.02	51.42	33.83	7.26	7.97	6.8	3.148	90.4	4.3	1.0
695	9/14/2016 21:01	15.83	51.38	33.79	7.30	7.97	7.2	3.252	90.5	4.7	1.1
696	9/14/2016 21:16	15.45	51.36	33.77	7.44	7.98	8.6	3.327	91.5	4.7	1.1
697	9/14/2016 21:31	14.91	51.29	33.71	7.58	7.98	8.0	3.417	92.2	5.6	1.3
698	9/14/2016 21:46	14.65	51.27	33.69	7.57	7.98	8.8	3.497	91.7	5.0	1.2
699	9/14/2016 22:01	14.27	51.25	33.66	7.37	7.96	7.9	3.575	88.5	4.5	1.1
700	9/14/2016 22:16	13.88	51.21	33.62	7.55	7.97	7.9	3.645	90.0	4.7	1.1
701	9/14/2016 22:31	13.80	51.16	33.58	7.81	7.97	6.3	3.690	92.8	4.2	1.0
702	9/14/2016 22:46	13.61	51.17	33.58	7.92	7.98	3.8	3.731	93.8	5.0	1.2
703	9/14/2016 23:01	13.53	51.21	33.60	7.89	7.98	2.9	3.757	93.3	4.4	1.0
704	9/14/2016 23:16	13.79	51.34	33.71	7.71	7.97	3.8	3.755	91.8	4.2	1.0
705	9/14/2016 23:31	13.59	51.18	33.59	7.81	7.98	4.0	3.733	92.5	3.4	0.8
706	9/14/2016 23:46	13.75	51.22	33.62	7.72	7.97	3.9	3.685	91.8	3.7	0.9
707	9/15/2016 0:01	15.23	51.43	33.81	7.21	7.96	6.7	3.611	88.4	4.2	1.0
708	9/15/2016 0:16	14.90	51.33	33.74	7.05	7.94	7.2	3.525	85.9	5.0	1.2
709	9/15/2016 0:31	14.47	51.30	33.70	7.47	7.96	6.0	3.436	90.2	4.8	1.1
710	9/15/2016 0:46	15.14	51.35	33.75	7.39	7.96	7.3	3.313	90.3	4.5	1.1
711	9/15/2016 1:01	15.42	51.40	33.80	7.26	7.96	6.8	3.208	89.3	4.6	1.1
712	9/15/2016 1:16	15.74	51.43	33.83	7.25	7.96	6.9	3.096	89.7	4.0	0.9
713	9/15/2016 1:31	16.01	51.48	33.87	7.21	7.96	7.5	2.978	89.8	4.2	1.0
714	9/15/2016 1:46	16.51	51.56	33.94	7.13	7.96	9.3	2.860	89.7	4.1	1.0
715	9/15/2016 2:01	16.77	51.59	33.96	7.12	7.97	8.0	2.735	90.1	3.7	0.9
716	9/15/2016 2:16	17.07	51.63	34.00	7.23	7.98	8.3	2.619	92.0	3.5	0.8
717	9/15/2016 2:31	17.28	51.66	34.02	7.32	7.99	8.6	2.491	93.5	3.8	0.9
718	9/15/2016 2:46	17.24	51.66	34.02	7.25	7.98	8.9	2.361	92.5	3.8	0.9
719	9/15/2016 3:01	17.10	51.64	34.00	7.13	7.97	7.9	2.235	90.7	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
720	9/15/2016 3:16	16.98	51.64	34.00	7.06	7.97	8.0	2.109	89.6	3.8	0.9
721	9/15/2016 3:31	17.13	51.67	34.02	7.03	7.97	8.1	1.974	89.6	4.0	0.9
722	9/15/2016 3:46	17.17	51.67	34.03	7.03	7.97	7.9	1.849	89.6	4.2	1.0
723	9/15/2016 4:01	17.16	51.69	34.04	6.96	7.96	7.3	1.726	88.7	3.4	0.8
724	9/15/2016 4:16	17.31	51.74	34.08	7.01	7.97	6.8	1.620	89.7	3.4	0.8
725	9/15/2016 4:31	17.49	51.76	34.10	7.02	7.98	7.6	1.524	90.0	3.6	0.8
726	9/15/2016 4:46	17.60	51.81	34.14	7.02	7.98	6.5	1.447	90.3	3.2	0.8
727	9/15/2016 5:01	17.64	51.83	34.15	6.99	7.98	6.7	1.400	90.0	3.6	0.9
728	9/15/2016 5:16	17.78	51.88	34.19	7.01	7.99	4.8	1.374	90.4	3.5	0.8
729	9/15/2016 5:31	17.84	51.89	34.19	7.08	7.99	5.1	1.391	91.5	3.9	0.9
730	9/15/2016 5:46	17.66	51.84	34.16	7.05	7.99	5.4	1.415	90.8	3.8	0.9
731	9/15/2016 6:01	17.85	51.90	34.20	7.19	8.00	5.0	1.471	92.9	3.3	0.8
732	9/15/2016 6:16	18.06	51.90	34.20	7.34	8.02	5.1	1.563	95.3	3.7	0.9
733	9/15/2016 6:31	18.01	51.93	34.23	7.34	8.02	6.3	1.629	95.2	3.8	0.9
734	9/15/2016 6:46	17.97	51.93	34.22	7.31	8.02	6.0	1.734	94.7	3.5	0.8
735	9/15/2016 7:01	17.92	51.93	34.22	7.27	8.01	6.4	1.823	94.1	3.8	0.9
736	9/15/2016 7:16	17.62	51.85	34.17	7.10	7.99	6.8	1.917	91.4	3.3	0.8
737	9/15/2016 7:31	17.42	51.81	34.13	7.02	7.98	6.4	2.018	90.0	3.1	0.7
738	9/15/2016 7:46	17.30	51.78	34.11	6.98	7.97	5.9	2.099	89.2	2.8	0.7
739	9/15/2016 8:01	17.36	51.80	34.13	7.02	7.98	5.9	2.207	89.9	3.5	0.8
740	9/15/2016 8:16	17.48	51.86	34.17	7.06	7.98	6.3	2.311	90.6	3.3	0.8
741	9/15/2016 8:31	17.55	51.87	34.18	7.07	7.98	7.0	2.404	90.8	3.2	0.8
742	9/15/2016 8:46	17.39	51.80	34.12	7.01	7.97	7.8	2.494	89.8	3.7	0.9
743	9/15/2016 9:01	17.20	51.75	34.08	7.00	7.97	7.2	2.605	89.3	3.8	0.9
744	9/15/2016 9:16	16.95	51.70	34.04	6.97	7.96	8.1	2.701	88.4	3.3	0.8
745	9/15/2016 9:31	16.76	51.66	34.01	6.96	7.96	7.9	2.792	88.0	3.7	0.9
746	9/15/2016 9:46	16.63	51.58	33.95	6.93	7.95	9.5	2.889	87.4	3.9	0.9
747	9/15/2016 10:01	16.13	51.51	33.89	6.78	7.93	13.1	2.981	84.6	3.9	0.9
748	9/15/2016 10:16	15.65	51.44	33.84	6.69	7.92	11.2	3.073	82.8	4.0	0.9
749	9/15/2016 10:31	15.14	51.40	33.79	6.86	7.92	13.4	3.161	83.9	4.4	1.0
750	9/15/2016 10:46	14.73	51.36	33.75	7.06	7.93	11.7	3.246	85.7	4.9	1.2
751	9/15/2016 11:01	14.38	51.33	33.72	7.33	7.95	11.2	3.328	88.3	4.4	1.0
752	9/15/2016 11:16	14.08	51.25	33.65	7.53	7.96	9.2	3.399	90.1	4.1	1.0
753	9/15/2016 11:31	13.87	51.29	33.67	7.63	7.97	7.5	3.466	90.9	4.4	1.0
754	9/15/2016 11:46	13.67	51.22	33.62	7.75	7.97	5.6	3.516	92.0	4.4	1.0
755	9/15/2016 12:01	13.45	51.26	33.64	7.89	7.98	4.5	3.547	93.2	4.8	1.1

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
756	9/15/2016 12:16	13.89	51.43	33.77	7.63	7.97	4.5	3.557	91.1	3.9	0.9
757	9/15/2016 12:31	13.35	51.25	33.63	7.84	7.97	4.2	3.537	92.5	4.0	1.0
758	9/15/2016 12:46	13.50	51.25	33.63	7.80	7.97	5.0	3.497	92.2	3.7	0.9
759	9/15/2016 13:01	14.08	51.36	33.73	7.58	7.96	5.4	3.440	90.7	3.5	0.8
760	9/15/2016 13:16	14.38	51.33	33.72	7.54	7.96	5.9	3.352	90.9	2.9	0.7
761	9/15/2016 13:31	14.35	51.31	33.70	7.71	7.97	7.8	3.247	92.7	4.0	0.9
762	9/15/2016 13:46	14.54	51.33	33.72	7.74	7.97	6.4	3.158	93.5	4.0	0.9
763	9/15/2016 14:01	15.07	51.37	33.77	7.43	7.95	7.4	3.063	90.8	3.7	0.9
764	9/15/2016 14:16	15.53	51.48	33.86	7.20	7.95	7.8	2.937	88.8	4.0	0.9
765	9/15/2016 14:31	16.10	51.54	33.91	7.11	7.95	7.5	2.832	88.8	3.7	0.9
766	9/15/2016 14:46	16.53	51.63	33.99	7.12	7.96	6.9	2.743	89.6	4.1	1.0
767	9/15/2016 15:01	16.72	51.62	33.98	7.18	7.96	7.1	2.645	90.7	3.7	0.9
768	9/15/2016 15:16	16.90	51.70	34.04	7.24	7.97	6.7	2.534	91.9	3.7	0.9
769	9/15/2016 15:31	17.00	51.71	34.05	7.20	7.97	7.1	2.440	91.5	3.6	0.8
770	9/15/2016 15:46	17.06	51.74	34.08	7.37	7.98	6.5	2.344	93.8	3.6	0.8
771	9/15/2016 16:01	17.06	51.74	34.07	7.45	7.99	6.0	2.253	94.8	3.7	0.9
772	9/15/2016 16:16	17.02	51.71	34.06	7.54	7.99	5.8	2.170	95.9	3.6	0.8
773	9/15/2016 16:31	17.06	51.72	34.06	7.65	8.00	5.4	2.070	97.4	3.8	0.9
774	9/15/2016 16:46	17.00	51.72	34.06	7.70	8.00	5.7	2.009	97.8	3.5	0.8
775	9/15/2016 17:01	17.11	51.73	34.07	7.46	8.00	4.3	1.949	95.0	3.0	0.7
776	9/15/2016 17:16	16.85	51.64	34.00	8.14	8.04	5.1	1.897	103.1	3.1	0.7
777	9/15/2016 17:31	16.93	51.70	34.05	8.14	8.04	4.2	1.883	103.3	3.3	0.8
778	9/15/2016 17:46	16.92	51.68	34.03	8.03	8.04	4.0	1.879	101.9	3.2	0.8
779	9/15/2016 18:01	17.13	51.75	34.09	7.74	8.01	4.7	1.911	98.6	3.4	0.8
780	9/15/2016 18:16	17.25	51.78	34.11	7.58	8.01	4.7	1.945	96.9	3.7	0.9
781	9/15/2016 18:31	17.54	51.87	34.18	7.50	8.01	4.8	2.009	96.4	3.8	0.9
782	9/15/2016 18:46	17.53	51.88	34.18	7.43	8.00	5.9	2.085	95.5	3.9	0.9
783	9/15/2016 19:01	17.53	51.89	34.19	7.37	8.00	6.7	2.176	94.7	4.4	1.0
784	9/15/2016 19:16	17.26	51.78	34.11	7.34	7.99	7.0	2.270	93.8	4.2	1.0
785	9/15/2016 19:31	17.04	51.74	34.07	7.34	7.98	7.1	2.364	93.3	4.5	1.1
786	9/15/2016 19:46	17.00	51.74	34.08	7.33	7.98	6.7	2.460	93.1	4.3	1.0
787	9/15/2016 20:01	16.99	51.73	34.07	7.23	7.97	6.5	2.544	91.9	4.2	1.0
788	9/15/2016 20:16	16.86	51.68	34.03	7.11	7.96	6.2	2.639	90.1	4.5	1.1
789	9/15/2016 20:31	16.62	51.63	33.99	7.05	7.96	6.4	2.733	88.8	4.1	1.0
790	9/15/2016 20:46	16.36	51.55	33.93	6.98	7.95	7.3	2.823	87.6	4.6	1.1
791	9/15/2016 21:01	16.01	51.52	33.89	6.96	7.94	7.9	2.914	86.6	4.4	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
792	9/15/2016 21:16	15.70	51.47	33.85	6.99	7.94	9.1	3.011	86.5	4.0	0.9
793	9/15/2016 21:31	15.47	51.42	33.81	7.01	7.94	9.4	3.110	86.3	4.3	1.0
794	9/15/2016 21:46	14.98	51.39	33.78	7.17	7.94	11.1	3.204	87.4	4.1	1.0
795	9/15/2016 22:01	14.52	51.36	33.74	7.30	7.94	11.9	3.309	88.2	10.8	2.5
796	9/15/2016 22:16	14.15	51.33	33.71	7.40	7.94	11.9	3.398	88.7	5.3	1.3
797	9/15/2016 22:31	13.81	51.30	33.68	7.49	7.95	14.3	3.492	89.1	6.9	1.6
798	9/15/2016 22:46	13.37	51.26	33.64	7.88	7.97	13.4	3.585	92.9	6.6	1.6
799	9/15/2016 23:01	13.16	51.26	33.62	8.10	7.98	10.1	3.657	95.1	5.8	1.4
800	9/15/2016 23:16	13.02	51.25	33.61	8.21	7.99	7.4	3.723	96.2	7.2	1.7
801	9/15/2016 23:31	13.12	51.29	33.65	8.13	7.99	6.2	3.775	95.4	6.7	1.6
802	9/15/2016 23:46	12.76	51.20	33.56	8.32	7.99	5.1	3.813	96.8	25.7	6.1
803	9/16/2016 0:01	13.44	51.16	33.56	8.04	7.97	5.2	3.819	94.9	4.8	1.1
804	9/16/2016 0:16	12.71	51.25	33.60	8.19	7.98	4.5	3.802	95.3	3.5	0.8
805	9/16/2016 0:31	12.86	51.21	33.58	8.16	7.98	4.5	3.763	95.2	3.9	0.9
806	9/16/2016 0:46	13.24	51.29	33.65	7.89	7.97	6.5	3.697	92.9	3.8	0.9
807	9/16/2016 1:01	13.36	51.28	33.65	7.68	7.95	7.5	3.605	90.5	4.7	1.1
808	9/16/2016 1:16	13.72	51.35	33.71	7.72	7.96	7.3	3.490	91.7	3.7	0.9
809	9/16/2016 1:31	13.32	51.33	33.68	7.76	7.96	6.7	3.377	91.4	3.6	0.8
810	9/16/2016 1:46	14.26	51.38	33.75	7.32	7.95	9.6	3.273	87.9	4.3	1.0
811	9/16/2016 2:01	14.59	51.44	33.80	7.17	7.94	9.1	3.143	86.7	5.0	1.2
812	9/16/2016 2:16	14.86	51.47	33.84	6.99	7.93	9.9	3.014	85.1	3.8	0.9
813	9/16/2016 2:31	15.17	51.49	33.86	6.84	7.92	9.8	2.891	83.8	4.0	0.9
814	9/16/2016 2:46	15.79	51.60	33.95	6.51	7.91	8.1	2.763	80.8	3.5	0.8
815	9/16/2016 3:01	16.10	51.68	34.02	6.42	7.90	8.0	2.650	80.1	3.5	0.8
816	9/16/2016 3:16	16.18	51.70	34.03	6.53	7.92	8.9	2.493	81.7	3.4	0.8
817	9/16/2016 3:31	16.19	51.71	34.04	6.49	7.91	9.4	2.378	81.2	3.6	0.9
818	9/16/2016 3:46	16.03	51.68	34.02	6.57	7.92	8.6	2.248	81.9	3.2	0.7
819	9/16/2016 4:01	15.90	51.68	34.01	6.53	7.91	9.2	2.107	81.2	3.4	0.8
820	9/16/2016 4:16	15.89	51.65	33.99	6.62	7.92	9.0	1.968	82.2	3.3	0.8
821	9/16/2016 4:31	15.96	51.69	34.02	6.51	7.91	8.7	1.837	81.0	3.2	0.7
822	9/16/2016 4:46	16.18	51.71	34.04	6.51	7.92	8.3	1.711	81.5	3.6	0.8
823	9/16/2016 5:01	16.35	51.75	34.07	6.51	7.92	8.0	1.591	81.8	3.5	0.8
824	9/16/2016 5:16	16.39	51.77	34.09	6.49	7.92	7.3	1.494	81.5	3.1	0.7
825	9/16/2016 5:31	16.52	51.77	34.09	6.50	7.92	6.8	1.410	81.8	3.3	0.8
826	9/16/2016 5:46	16.49	51.76	34.09	6.41	7.91	8.1	1.360	80.7	3.5	0.8
827	9/16/2016 6:01	16.57	51.80	34.11	6.29	7.91	6.3	1.339	79.3	3.6	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
828	9/16/2016 6:16	16.53	51.80	34.11	6.38	7.92	7.4	1.344	80.4	3.4	0.8
829	9/16/2016 6:31	16.56	51.79	34.11	6.47	7.92	5.6	1.394	81.6	3.2	0.7
830	9/16/2016 6:46	16.87	51.88	34.17	6.57	7.94	6.1	1.465	83.4	3.7	0.9
831	9/16/2016 7:01	16.94	51.90	34.19	6.62	7.95	6.0	1.544	84.1	3.5	0.8
832	9/16/2016 7:16	16.85	51.86	34.16	6.59	7.94	6.4	1.644	83.6	3.0	0.7
833	9/16/2016 7:31	16.85	51.89	34.18	6.59	7.94	6.7	1.747	83.6	2.9	0.7
834	9/16/2016 7:46	16.61	51.85	34.15	6.48	7.92	7.9	1.847	81.8	3.3	0.8
835	9/16/2016 8:01	16.55	51.85	34.15	6.47	7.92	7.5	1.951	81.5	3.5	0.8
836	9/16/2016 8:16	16.24	51.76	34.08	6.44	7.92	6.7	2.053	80.7	2.9	0.7
837	9/16/2016 8:31	16.31	51.79	34.10	6.49	7.92	6.5	2.153	81.4	3.0	0.7
838	9/16/2016 8:46	16.46	51.83	34.13	6.50	7.92	6.9	2.262	81.8	3.0	0.7
839	9/16/2016 9:01	16.50	51.79	34.10	6.50	7.92	7.5	2.374	81.8	3.4	0.8
840	9/16/2016 9:16	16.39	51.79	34.10	6.49	7.92	7.4	2.477	81.6	2.8	0.7
841	9/16/2016 9:31	16.20	51.72	34.05	6.42	7.91	7.9	2.588	80.3	3.7	0.9
842	9/16/2016 9:46	15.97	51.66	34.00	6.49	7.91	8.9	2.690	80.8	4.3	1.0
843	9/16/2016 10:01	15.79	51.61	33.96	6.48	7.91	10.5	2.790	80.4	3.9	0.9
844	9/16/2016 10:16	15.50	51.54	33.90	6.44	7.90	11.9	2.897	79.4	3.5	0.8
845	9/16/2016 10:31	15.06	51.49	33.86	6.62	7.91	13.7	2.998	80.8	3.9	0.9
846	9/16/2016 10:46	14.53	51.43	33.80	6.77	7.91	15.0	3.097	81.8	3.9	0.9
847	9/16/2016 11:01	14.03	51.37	33.74	6.98	7.92	15.3	3.194	83.5	4.3	1.0
848	9/16/2016 11:16	13.68	51.33	33.70	7.11	7.93	15.8	3.293	84.4	4.0	0.9
849	9/16/2016 11:31	13.33	51.32	33.68	7.24	7.93	15.5	3.388	85.3	3.8	0.9
850	9/16/2016 11:46	13.18	51.28	33.64	7.30	7.93	12.4	3.470	85.7	3.5	0.8
851	9/16/2016 12:01	12.69	51.28	33.62	7.48	7.94	11.2	3.543	87.0	4.1	1.0
852	9/16/2016 12:16	12.48	51.21	33.56	7.60	7.94	7.8	3.614	87.9	3.8	0.9
853	9/16/2016 12:31	12.37	51.25	33.58	7.67	7.94	4.7	3.654	88.6	5.2	1.2
854	9/16/2016 12:46	12.32	51.26	33.59	7.55	7.94	2.7	3.673	87.1	3.3	0.8
855	9/16/2016 13:01	12.57	51.27	33.61	7.50	7.93	4.5	3.678	87.0	2.7	0.6
856	9/16/2016 13:16	12.34	51.25	33.59	7.57	7.93	5.0	3.650	87.3	2.9	0.7
857	9/16/2016 13:31	12.49	51.27	33.60	7.51	7.94	4.8	3.584	87.0	3.1	0.7
858	9/16/2016 13:46	13.09	51.30	33.65	7.53	7.94	7.9	3.511	88.3	8.3	1.9
859	9/16/2016 14:01	13.14	51.26	33.63	7.75	7.96	9.6	3.408	91.0	2.7	0.6
860	9/16/2016 14:16	13.25	51.27	33.64	7.93	7.97	7.0	3.294	93.3	3.5	0.8
861	9/16/2016 14:31	14.12	51.36	33.74	7.51	7.95	9.0	3.181	89.9	3.4	0.8
862	9/16/2016 14:46	14.48	51.40	33.77	7.34	7.95	9.3	3.056	88.6	3.1	0.7
863	9/16/2016 15:01	14.93	51.48	33.84	7.26	7.94	8.7	2.940	88.5	4.3	1.0

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
864	9/16/2016 15:16	15.45	51.54	33.90	7.23	7.95	8.0	2.823	89.1	3.1	0.7
865	9/16/2016 15:31	15.82	51.58	33.94	7.06	7.94	8.1	2.717	87.6	3.0	0.7
866	9/16/2016 15:46	16.10	51.63	33.98	7.16	7.94	8.3	2.604	89.4	2.7	0.6
867	9/16/2016 16:01	16.31	51.66	34.01	7.08	7.95	8.3	2.485	88.7	3.3	0.8
868	9/16/2016 16:16	16.36	51.66	34.01	7.25	7.95	8.3	2.385	91.0	3.0	0.7
869	9/16/2016 16:31	16.24	51.64	33.99	7.23	7.95	7.2	2.268	90.5	2.6	0.6
870	9/16/2016 16:46	16.14	51.62	33.98	7.27	7.96	7.0	2.157	90.9	3.0	0.7
871	9/16/2016 17:01	16.08	51.58	33.95	7.33	7.96	6.4	2.051	91.5	2.8	0.7
872	9/16/2016 17:16	16.13	51.61	33.96	7.47	7.97	6.4	1.940	93.3	3.3	0.8
873	9/16/2016 17:31	16.37	51.66	34.01	7.76	8.00	6.5	1.844	97.4	3.6	0.9
874	9/16/2016 17:46	16.45	51.67	34.02	7.66	7.99	5.6	1.771	96.3	2.9	0.7
875	9/16/2016 18:01	16.41	51.67	34.01	7.81	8.01	8.0	1.726	98.1	3.4	0.8
876	9/16/2016 18:16	16.62	51.68	34.03	7.58	7.99	6.1	1.690	95.7	3.2	0.8
877	9/16/2016 18:31	16.68	51.69	34.04	7.63	8.00	6.3	1.680	96.4	3.1	0.7
878	9/16/2016 18:46	16.32	51.65	34.00	7.96	8.01	6.1	1.705	99.8	3.1	0.7
879	9/16/2016 19:01	16.48	51.65	34.00	7.67	7.99	5.3	1.735	96.5	3.4	0.8
880	9/16/2016 19:16	16.95	51.83	34.14	7.46	7.98	5.4	1.808	94.7	3.2	0.8
881	9/16/2016 19:31	17.14	51.90	34.20	7.46	7.99	6.1	1.898	95.2	3.6	0.8
882	9/16/2016 19:46	17.08	51.86	34.17	7.40	7.98	7.3	1.987	94.3	3.3	0.8
883	9/16/2016 20:01	16.88	51.81	34.13	7.32	7.96	8.2	2.098	92.8	3.4	0.8
884	9/16/2016 20:16	16.53	51.74	34.07	7.31	7.96	7.0	2.209	92.0	3.3	0.8
885	9/16/2016 20:31	16.63	51.76	34.08	7.26	7.95	7.1	2.314	91.7	4.2	1.0
886	9/16/2016 20:46	16.67	51.79	34.11	7.19	7.95	6.6	2.411	90.8	3.5	0.8
887	9/16/2016 21:01	16.48	51.71	34.05	7.04	7.94	6.6	2.509	88.6	3.7	0.9
888	9/16/2016 21:16	16.23	51.65	34.00	6.90	7.92	6.9	2.614	86.3	3.4	0.8
889	9/16/2016 21:31	15.98	51.62	33.97	6.82	7.92	7.3	2.701	84.9	3.5	0.8
890	9/16/2016 21:46	15.68	51.56	33.92	6.71	7.91	8.7	2.800	83.1	4.2	1.0
891	9/16/2016 22:01	15.44	51.52	33.88	6.71	7.90	8.9	2.901	82.6	3.6	0.8
892	9/16/2016 22:16	15.26	51.50	33.87	6.68	7.90	10.3	2.991	81.9	3.9	0.9
893	9/16/2016 22:31	14.78	51.42	33.79	6.91	7.91	12.2	3.093	84.0	4.0	0.9
894	9/16/2016 22:46	14.32	51.38	33.76	7.02	7.91	11.7	3.193	84.5	4.0	0.9
895	9/16/2016 23:01	13.92	51.35	33.72	7.00	7.90	12.0	3.287	83.5	4.1	1.0
896	9/16/2016 23:16	13.45	51.33	33.69	7.07	7.90	13.4	3.389	83.6	4.4	1.0
897	9/16/2016 23:31	13.14	51.29	33.64	7.24	7.91	10.3	3.486	85.0	4.0	0.9
898	9/16/2016 23:46	12.94	51.28	33.63	7.32	7.91	8.3	3.570	85.5	3.9	0.9
899	9/17/2016 0:01	12.76	51.27	33.62	7.36	7.91	7.6	3.645	85.7	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
900	9/17/2016 0:16	12.52	51.25	33.59	7.40	7.91	6.8	3.700	85.8	5.1	1.2
901	9/17/2016 0:31	12.63	51.24	33.59	7.34	7.91	5.3	3.752	85.3	3.6	0.9
902	9/17/2016 0:46	12.43	51.31	33.63	7.21	7.90	3.9	3.771	83.4	4.1	1.0
903	9/17/2016 1:01	12.78	51.33	33.66	7.13	7.89	5.4	3.766	83.1	3.3	0.8
904	9/17/2016 1:16	12.38	51.26	33.59	7.30	7.90	5.8	3.726	84.3	2.8	0.7
905	9/17/2016 1:31	12.76	51.30	33.64	7.23	7.90	6.1	3.679	84.2	6.5	1.5
906	9/17/2016 1:46	13.06	51.30	33.65	7.10	7.89	7.5	3.597	83.2	2.6	0.6
907	9/17/2016 2:01	12.90	51.27	33.62	7.15	7.90	11.2	3.479	83.5	3.2	0.7
908	9/17/2016 2:16	13.03	51.29	33.65	7.17	7.90	7.4	3.372	84.0	3.5	0.8
909	9/17/2016 2:31	13.48	51.34	33.70	7.00	7.90	8.9	3.252	82.8	3.3	0.8
910	9/17/2016 2:46	13.80	51.38	33.74	6.97	7.90	11.2	3.119	83.0	3.0	0.7
911	9/17/2016 3:01	14.12	51.44	33.79	6.81	7.89	9.5	2.995	81.7	3.2	0.8
912	9/17/2016 3:16	14.99	51.53	33.89	6.50	7.88	8.6	2.867	79.3	3.0	0.7
913	9/17/2016 3:31	15.27	51.57	33.92	6.31	7.87	8.2	2.750	77.5	3.3	0.8
914	9/17/2016 3:46	15.65	51.62	33.96	6.18	7.86	8.7	2.616	76.5	3.2	0.8
915	9/17/2016 4:01	15.75	51.65	33.99	6.14	7.87	9.5	2.477	76.1	2.7	0.6
916	9/17/2016 4:16	15.82	51.66	34.00	6.14	7.86	8.7	2.364	76.2	3.5	0.8
917	9/17/2016 4:31	15.73	51.65	33.99	6.33	7.89	9.0	2.202	78.5	2.6	0.6
918	9/17/2016 4:46	15.55	51.58	33.94	6.40	7.89	9.1	2.079	79.1	3.1	0.7
919	9/17/2016 5:01	15.54	51.61	33.96	6.32	7.88	8.7	1.942	77.9	2.8	0.7
920	9/17/2016 5:16	15.64	51.62	33.97	6.31	7.88	8.9	1.799	78.1	3.0	0.7
921	9/17/2016 5:31	15.75	51.65	33.99	6.28	7.88	7.9	1.682	77.8	3.2	0.8
922	9/17/2016 5:46	15.87	51.66	34.00	6.34	7.89	7.5	1.571	78.7	3.0	0.7
923	9/17/2016 6:01	16.05	51.71	34.04	6.33	7.89	7.3	1.468	79.0	3.1	0.7
924	9/17/2016 6:16	16.17	51.75	34.07	6.36	7.89	7.2	1.397	79.5	2.5	0.6
925	9/17/2016 6:31	16.26	51.76	34.08	6.30	7.88	7.2	1.366	79.0	2.6	0.6
926	9/17/2016 6:46	16.27	51.79	34.10	6.14	7.88	6.1	1.352	77.0	2.4	0.6
927	9/17/2016 7:01	16.20	51.79	34.10	6.38	7.89	6.2	1.399	79.8	2.9	0.7
928	9/17/2016 7:16	16.23	51.77	34.09	6.38	7.89	6.3	1.458	79.8	3.1	0.7
929	9/17/2016 7:31	16.49	51.80	34.12	6.47	7.91	5.6	1.519	81.5	2.4	0.6
930	9/17/2016 7:46	16.48	51.84	34.14	6.48	7.91	5.6	1.625	81.6	2.6	0.6
931	9/17/2016 8:01	16.48	51.84	34.14	6.48	7.91	6.4	1.733	81.5	2.8	0.7
932	9/17/2016 8:16	16.35	51.80	34.11	6.45	7.90	6.4	1.817	81.0	2.2	0.5
933	9/17/2016 8:31	16.06	51.76	34.08	6.39	7.88	6.4	1.933	79.8	2.8	0.7
934	9/17/2016 8:46	15.94	51.73	34.05	6.36	7.88	6.3	2.031	79.2	2.6	0.6
935	9/17/2016 9:01	16.00	51.75	34.07	6.38	7.88	6.1	2.143	79.5	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
936	9/17/2016 9:16	16.06	51.77	34.08	6.38	7.88	6.1	2.248	79.6	2.7	0.6
937	9/17/2016 9:31	16.04	51.76	34.08	6.33	7.87	6.5	2.352	78.9	2.9	0.7
938	9/17/2016 9:46	15.92	51.69	34.02	6.31	7.87	7.1	2.465	78.5	3.2	0.8
939	9/17/2016 10:01	15.73	51.64	33.98	6.25	7.86	7.9	2.582	77.5	3.1	0.7
940	9/17/2016 10:16	15.53	51.60	33.95	6.21	7.86	8.9	2.692	76.6	2.9	0.7
941	9/17/2016 10:31	15.33	51.56	33.92	6.18	7.85	9.8	2.799	76.0	3.2	0.8
942	9/17/2016 10:46	15.09	51.50	33.86	6.06	7.84	13.0	2.904	74.0	3.1	0.7
943	9/17/2016 11:01	14.63	51.44	33.81	6.28	7.85	13.3	3.011	76.1	3.4	0.8
944	9/17/2016 11:16	14.22	51.40	33.76	6.32	7.84	14.1	3.114	75.9	3.1	0.7
945	9/17/2016 11:31	13.62	51.35	33.71	6.58	7.86	14.6	3.214	78.0	3.6	0.8
946	9/17/2016 11:46	13.26	51.31	33.67	6.82	7.87	11.7	3.320	80.2	3.4	0.8
947	9/17/2016 12:01	13.02	51.25	33.61	6.89	7.87	11.9	3.423	80.6	3.2	0.8
948	9/17/2016 12:16	12.80	51.26	33.61	7.01	7.87	10.9	3.515	81.8	3.0	0.7
949	9/17/2016 12:31	12.63	51.25	33.60	7.15	7.88	9.1	3.592	83.1	3.4	0.8
950	9/17/2016 12:46	12.21	51.24	33.57	7.24	7.88	8.3	3.677	83.3	3.5	0.8
951	9/17/2016 13:01	12.10	51.21	33.54	7.24	7.88	6.0	3.716	83.2	3.3	0.8
952	9/17/2016 13:16	12.04	51.22	33.55	7.22	7.88	3.7	3.753	82.8	2.6	0.6
953	9/17/2016 13:31	12.62	50.81	33.27	6.97	7.88	3.3	3.770	80.7	2.2	0.5
954	9/17/2016 13:46	12.17	51.26	33.58	7.10	7.87	4.8	3.754	81.6	2.4	0.6
955	9/17/2016 14:01	12.26	51.24	33.57	7.09	7.87	5.5	3.705	81.7	2.6	0.6
956	9/17/2016 14:16	12.59	51.28	33.61	7.15	7.88	7.2	3.621	82.9	2.1	0.5
957	9/17/2016 14:31	12.99	51.23	33.60	7.30	7.89	9.5	3.534	85.4	2.5	0.6
958	9/17/2016 14:46	13.03	51.25	33.61	7.62	7.91	6.8	3.420	89.2	2.1	0.5
959	9/17/2016 15:01	13.79	51.33	33.70	7.34	7.91	12.3	3.296	87.3	13.8	3.2
960	9/17/2016 15:16	14.17	51.38	33.75	7.26	7.90	9.1	3.174	87.1	3.7	0.9
961	9/17/2016 15:31	14.44	51.40	33.77	7.15	7.91	9.7	3.048	86.2	40.6	9.6
962	9/17/2016 15:46	15.06	51.43	33.82	7.32	7.91	8.1	2.920	89.4	14.2	3.3
963	9/17/2016 16:01	15.44	51.45	33.83	7.18	7.91	8.0	2.790	88.3	4.8	1.1
964	9/17/2016 16:16	16.09	51.50	33.89	7.83	7.95	8.6	2.680	97.7	8.2	1.9
965	9/17/2016 16:31	16.10	51.57	33.94	7.25	7.92	8.3	2.549	90.4	2.8	0.7
966	9/17/2016 16:46	16.33	51.61	33.97	7.42	7.93	8.5	2.412	93.0	4.3	1.0
967	9/17/2016 17:01	16.42	51.57	33.94	7.67	7.95	9.0	2.282	96.3	3.0	0.7
968	9/17/2016 17:16	16.26	51.60	33.96	7.74	7.95	7.3	2.168	96.9	8.9	2.1
969	9/17/2016 17:31	16.15	51.59	33.95	7.69	7.95	7.2	2.029	96.0	2.5	0.6
970	9/17/2016 17:46	16.28	51.59	33.96	7.73	7.96	6.9	1.904	96.9	5.8	1.4
971	9/17/2016 18:01	16.42	51.59	33.96	7.69	7.95	6.8	1.784	96.6	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
972	9/17/2016 18:16	16.55	51.59	33.96	7.83	7.96	7.8	1.686	98.6	2.4	0.6
973	9/17/2016 18:31	16.63	51.63	33.99	7.69	7.95	6.8	1.595	97.0	2.5	0.6
974	9/17/2016 18:46	16.97	51.66	34.02	7.62	7.96	7.2	1.526	96.7	3.2	0.8
975	9/17/2016 19:01	16.91	51.68	34.03	7.52	7.95	5.7	1.505	95.4	2.7	0.6
976	9/17/2016 19:16	16.86	51.66	34.02	7.67	7.96	5.7	1.481	97.2	3.4	0.8
977	9/17/2016 19:31	17.09	51.74	34.08	7.88	7.97	5.9	1.516	100.3	2.9	0.7
978	9/17/2016 19:46	16.95	51.66	34.02	7.78	7.96	5.9	1.579	98.7	3.3	0.8
979	9/17/2016 20:01	17.54	51.86	34.17	7.95	7.98	5.9	1.638	102.2	3.2	0.8
980	9/17/2016 20:16	17.46	51.83	34.15	7.91	7.98	6.0	1.751	101.5	3.1	0.7
981	9/17/2016 20:31	17.58	51.83	34.15	7.71	7.95	8.1	1.850	99.1	3.2	0.8
982	9/17/2016 20:46	17.58	51.78	34.11	7.49	7.93	8.9	1.942	96.3	4.1	1.0
983	9/17/2016 21:01	17.26	51.74	34.08	7.54	7.93	8.3	2.055	96.3	3.1	0.7
984	9/17/2016 21:16	17.13	51.71	34.05	7.55	7.94	7.4	2.168	96.2	3.2	0.8
985	9/17/2016 21:31	17.18	51.75	34.08	7.56	7.94	7.3	2.274	96.4	3.5	0.8
986	9/17/2016 21:46	16.70	51.65	34.01	7.27	7.92	7.4	2.370	91.8	2.9	0.7
987	9/17/2016 22:01	16.47	51.62	33.98	7.01	7.90	6.8	2.473	88.2	3.5	0.8
988	9/17/2016 22:16	16.24	51.58	33.95	6.98	7.89	6.7	2.567	87.3	3.1	0.7
989	9/17/2016 22:31	16.02	51.55	33.92	6.91	7.88	7.7	2.674	86.1	3.3	0.8
990	9/17/2016 22:46	15.73	51.51	33.89	6.83	7.88	8.1	2.770	84.6	3.6	0.9
991	9/17/2016 23:01	15.54	51.49	33.87	6.72	7.87	9.4	2.862	82.9	3.9	0.9
992	9/17/2016 23:16	15.19	51.44	33.82	6.78	7.87	11.5	2.971	83.1	3.5	0.8
993	9/17/2016 23:31	14.72	51.39	33.77	6.89	7.87	11.5	3.070	83.6	3.9	0.9
994	9/17/2016 23:46	14.16	51.32	33.70	6.91	7.86	12.2	3.162	82.8	2.9	0.7
995	9/18/2016 0:01	13.73	51.33	33.70	6.98	7.86	11.4	3.256	82.9	3.5	0.8
996	9/18/2016 0:16	13.45	51.31	33.67	7.09	7.87	10.9	3.354	83.8	4.1	1.0
997	9/18/2016 0:31	13.26	51.27	33.64	7.15	7.87	9.4	3.448	84.1	3.3	0.8
998	9/18/2016 0:46	12.95	51.04	33.46	7.20	7.88	9.2	3.529	84.1	5.6	1.3
999	9/18/2016 1:01	12.66	51.26	33.61	7.20	7.88	9.0	3.588	83.7	4.4	1.0
1000	9/18/2016 1:16	12.56	51.20	33.55	7.18	7.87	6.2	3.654	83.2	3.9	0.9
1001	9/18/2016 1:31	12.48	51.19	33.54	7.14	7.87	4.4	3.684	82.6	2.0	0.5
1002	9/18/2016 1:46	13.28	51.11	33.52	6.95	7.86	5.2	3.696	81.8	2.5	0.6
1003	9/18/2016 2:01	12.43	51.24	33.58	7.05	7.86	4.7	3.684	81.5	2.6	0.6
1004	9/18/2016 2:16	12.44	51.25	33.59	7.08	7.87	5.2	3.629	81.9	2.2	0.5
1005	9/18/2016 2:31	12.95	51.28	33.63	6.96	7.87	7.2	3.560	81.4	2.6	0.6
1006	9/18/2016 2:46	13.13	51.25	33.62	6.99	7.87	8.9	3.478	82.0	2.9	0.7
1007	9/18/2016 3:01	12.74	51.27	33.62	7.06	7.87	7.2	3.360	82.2	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1008	9/18/2016 3:16	13.21	51.29	33.65	6.98	7.87	8.1	3.230	82.1	2.8	0.6
1009	9/18/2016 3:31	13.71	51.34	33.70	6.95	7.88	10.8	3.132	82.5	2.8	0.6
1010	9/18/2016 3:46	14.03	51.38	33.74	6.88	7.87	10.1	3.014	82.3	2.9	0.7
1011	9/18/2016 4:01	14.75	51.42	33.79	6.65	7.86	9.5	2.878	80.7	3.2	0.7
1012	9/18/2016 4:16	15.21	51.47	33.85	6.48	7.85	9.0	2.754	79.4	3.5	0.8
1013	9/18/2016 4:31	15.67	51.55	33.91	6.36	7.84	8.1	2.637	78.7	3.0	0.7
1014	9/18/2016 4:46	15.75	51.57	33.93	6.36	7.85	10.8	2.514	78.8	2.6	0.6
1015	9/18/2016 5:01	15.91	51.61	33.96	6.41	7.85	9.2	2.398	79.8	3.1	0.7
1016	9/18/2016 5:16	15.90	51.62	33.97	6.40	7.84	8.5	2.254	79.6	3.2	0.8
1017	9/18/2016 5:31	15.75	51.60	33.95	6.50	7.85	8.6	2.129	80.6	3.1	0.7
1018	9/18/2016 5:46	15.75	51.53	33.90	6.55	7.86	7.8	2.018	81.1	2.9	0.7
1019	9/18/2016 6:01	15.82	51.60	33.95	6.43	7.85	8.1	1.881	79.8	2.2	0.5
1020	9/18/2016 6:16	15.95	51.63	33.98	6.37	7.85	7.8	1.763	79.3	2.6	0.6
1021	9/18/2016 6:31	16.08	51.62	33.98	6.41	7.86	7.5	1.653	80.0	2.8	0.7
1022	9/18/2016 6:46	16.16	51.65	34.00	6.47	7.86	7.1	1.566	80.9	2.1	0.5
1023	9/18/2016 7:01	16.31	51.68	34.02	6.46	7.86	6.4	1.520	80.9	2.6	0.6
1024	9/18/2016 7:16	16.43	51.68	34.02	6.42	7.86	6.2	1.473	80.6	2.2	0.5
1025	9/18/2016 7:31	16.49	51.71	34.05	6.39	7.86	5.3	1.455	80.4	2.8	0.7
1026	9/18/2016 7:46	16.41	51.73	34.06	6.44	7.86	5.8	1.520	80.9	2.3	0.5
1027	9/18/2016 8:01	16.38	51.64	34.00	6.49	7.86	5.9	1.562	81.4	2.4	0.6
1028	9/18/2016 8:16	16.93	51.79	34.11	6.71	7.89	5.7	1.629	85.1	2.3	0.5
1029	9/18/2016 8:31	16.88	51.79	34.11	6.72	7.90	5.6	1.729	85.2	2.4	0.6
1030	9/18/2016 8:46	16.78	51.80	34.12	6.70	7.89	6.5	1.842	84.8	2.1	0.5
1031	9/18/2016 9:01	16.57	51.74	34.07	6.68	7.89	6.4	1.937	84.2	1.7	0.4
1032	9/18/2016 9:16	16.32	51.70	34.04	6.56	7.88	6.4	2.045	82.3	2.7	0.6
1033	9/18/2016 9:31	16.31	51.70	34.04	6.58	7.88	5.7	2.165	82.5	2.8	0.7
1034	9/18/2016 9:46	16.35	51.70	34.04	6.58	7.88	6.0	2.280	82.5	2.3	0.5
1035	9/18/2016 10:01	16.14	51.65	34.00	6.55	7.88	6.2	2.385	81.8	2.6	0.6
1036	9/18/2016 10:16	15.97	51.61	33.97	6.50	7.87	6.2	2.496	80.9	2.3	0.5
1037	9/18/2016 10:31	15.82	51.57	33.93	6.46	7.87	7.2	2.599	80.2	2.3	0.6
1038	9/18/2016 10:46	15.65	51.56	33.92	6.45	7.87	7.6	2.709	79.7	2.9	0.7
1039	9/18/2016 11:01	15.39	51.52	33.89	6.40	7.87	9.0	2.812	78.7	2.6	0.6
1040	9/18/2016 11:16	15.24	51.50	33.86	6.32	7.86	11.1	2.920	77.5	2.4	0.6
1041	9/18/2016 11:31	14.72	51.41	33.79	6.42	7.86	12.0	3.024	77.8	2.7	0.6
1042	9/18/2016 11:46	14.17	51.36	33.73	6.42	7.85	13.0	3.129	77.0	2.5	0.6
1043	9/18/2016 12:01	13.58	51.32	33.68	6.57	7.86	13.1	3.242	77.8	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1044	9/18/2016 12:16	13.21	51.29	33.65	6.72	7.87	12.7	3.337	79.0	3.3	0.8
1045	9/18/2016 12:31	13.02	51.25	33.61	6.77	7.87	12.6	3.453	79.2	3.0	0.7
1046	9/18/2016 12:46	12.79	51.28	33.63	6.80	7.87	12.5	3.555	79.3	2.7	0.6
1047	9/18/2016 13:01	12.49	51.22	33.57	6.90	7.87	13.8	3.644	79.9	2.9	0.7
1048	9/18/2016 13:16	12.14	51.23	33.56	6.93	7.87	10.3	3.724	79.6	2.7	0.6
1049	9/18/2016 13:31	12.04	51.23	33.55	6.92	7.87	6.4	3.786	79.4	3.0	0.7
1050	9/18/2016 13:46	11.95	51.23	33.55	6.87	7.87	4.5	3.835	78.6	2.9	0.7
1051	9/18/2016 14:01	11.88	51.19	33.52	6.87	7.87	3.2	3.859	78.5	2.3	0.5
1052	9/18/2016 14:16	12.60	51.29	33.62	6.91	7.87	5.0	3.863	80.2	1.9	0.4
1053	9/18/2016 14:31	11.94	51.20	33.53	6.78	7.86	4.7	3.830	77.6	1.3	0.3
1054	9/18/2016 14:46	12.05	51.25	33.57	6.82	7.86	6.8	3.765	78.2	2.0	0.5
1055	9/18/2016 15:01	12.80	51.25	33.60	6.96	7.88	8.4	3.681	81.1	2.1	0.5
1056	9/18/2016 15:16	13.12	51.21	33.59	7.33	7.90	8.4	3.579	85.9	2.4	0.6
1057	9/18/2016 15:31	13.42	51.27	33.65	7.29	7.91	6.7	3.458	86.0	1.9	0.4
1058	9/18/2016 15:46	14.14	51.34	33.72	7.18	7.91	9.8	3.333	86.0	2.4	0.6
1059	9/18/2016 16:01	14.07	51.33	33.71	7.15	7.91	10.0	3.207	85.5	2.7	0.6
1060	9/18/2016 16:16	14.27	51.31	33.70	7.13	7.91	9.1	3.072	85.7	2.0	0.5
1061	9/18/2016 16:31	14.55	51.36	33.75	7.18	7.92	8.6	2.959	86.8	2.0	0.5
1062	9/18/2016 16:46	15.31	51.42	33.81	7.28	7.94	8.4	2.808	89.4	2.2	0.5
1063	9/18/2016 17:01	15.52	51.44	33.83	7.20	7.92	8.1	2.681	88.8	2.4	0.6
1064	9/18/2016 17:16	15.95	51.50	33.88	7.32	7.94	7.8	2.550	91.1	2.3	0.6
1065	9/18/2016 17:31	16.36	51.54	33.92	7.75	7.96	7.6	2.418	97.1	2.3	0.5
1066	9/18/2016 17:46	16.26	51.50	33.89	7.55	7.94	8.1	2.268	94.5	2.4	0.6
1067	9/18/2016 18:01	16.28	51.52	33.90	7.69	7.95	8.4	2.121	96.2	2.9	0.7
1068	9/18/2016 18:16	16.36	51.54	33.92	7.62	7.95	8.9	1.999	95.6	2.5	0.6
1069	9/18/2016 18:31	16.55	51.57	33.94	7.70	7.96	8.2	1.861	96.9	2.8	0.7
1070	9/18/2016 18:46	16.77	51.58	33.95	7.65	7.96	8.3	1.724	96.7	2.7	0.6
1071	9/18/2016 19:01	17.05	51.63	34.00	7.59	7.96	8.3	1.613	96.6	3.0	0.7
1072	9/18/2016 19:16	17.16	51.65	34.01	7.54	7.95	7.8	1.531	96.1	2.6	0.6
1073	9/18/2016 19:31	17.08	51.65	34.01	7.42	7.94	7.8	1.440	94.5	2.8	0.7
1074	9/18/2016 19:46	17.26	51.69	34.04	7.45	7.94	7.0	1.388	95.1	3.3	0.8
1075	9/18/2016 20:01	17.49	51.71	34.06	7.47	7.94	6.5	1.374	95.8	3.3	0.8
1076	9/18/2016 20:16	17.03	51.58	33.96	7.52	7.95	6.8	1.409	95.5	2.9	0.7
1077	9/18/2016 20:31	17.68	51.74	34.09	7.70	7.96	6.2	1.456	99.1	3.5	0.8
1078	9/18/2016 20:46	17.81	51.75	34.09	7.76	7.97	6.2	1.521	100.2	3.0	0.7
1079	9/18/2016 21:01	17.97	51.80	34.13	7.92	7.98	6.2	1.613	102.5	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1080	9/18/2016 21:16	17.96	51.77	34.11	7.68	7.96	7.6	1.722	99.4	3.7	0.9
1081	9/18/2016 21:31	18.21	51.75	34.10	7.38	7.92	9.5	1.825	96.1	4.0	0.9
1082	9/18/2016 21:46	17.83	51.72	34.07	7.44	7.93	9.0	1.924	96.1	3.8	0.9
1083	9/18/2016 22:01	17.60	51.71	34.06	7.46	7.94	7.6	2.032	95.9	3.5	0.8
1084	9/18/2016 22:16	17.55	51.72	34.07	7.49	7.94	7.6	2.142	96.2	3.4	0.8
1085	9/18/2016 22:31	17.13	51.67	34.02	7.40	7.94	7.8	2.234	94.3	2.9	0.7
1086	9/18/2016 22:46	16.87	51.62	33.98	7.22	7.93	7.5	2.331	91.5	2.6	0.6
1087	9/18/2016 23:01	16.72	51.59	33.97	7.12	7.92	7.1	2.453	89.9	2.8	0.7
1088	9/18/2016 23:16	16.57	51.58	33.95	7.07	7.92	7.2	2.551	89.1	3.4	0.8
1089	9/18/2016 23:31	16.26	51.53	33.91	7.03	7.91	8.2	2.657	87.9	2.8	0.7
1090	9/18/2016 23:46	15.97	51.53	33.90	6.98	7.91	8.9	2.751	86.8	2.9	0.7
1091	9/19/2016 0:01	15.83	51.51	33.89	6.92	7.91	10.1	2.850	85.9	3.9	0.9
1092	9/19/2016 0:16	15.37	51.44	33.82	6.92	7.90	12.8	2.947	85.1	3.8	0.9
1093	9/19/2016 0:31	14.91	51.43	33.81	6.87	7.89	13.2	3.048	83.7	4.1	1.0
1094	9/19/2016 0:46	14.29	51.36	33.74	6.93	7.89	13.1	3.139	83.3	3.1	0.7
1095	9/19/2016 1:01	14.00	51.37	33.74	6.96	7.89	13.5	3.233	83.2	3.3	0.8
1096	9/19/2016 1:16	13.74	51.31	33.68	6.98	7.89	12.4	3.322	83.0	3.4	0.8
1097	9/19/2016 1:31	13.54	51.34	33.70	7.05	7.90	10.9	3.409	83.5	2.9	0.7
1098	9/19/2016 1:46	13.33	51.34	33.69	7.10	7.90	12.5	3.482	83.7	2.6	0.6
1099	9/19/2016 2:01	13.10	51.30	33.65	7.13	7.90	8.5	3.542	83.6	2.5	0.6
1100	9/19/2016 2:16	12.89	51.33	33.66	7.13	7.90	5.5	3.598	83.3	2.2	0.5
1101	9/19/2016 2:31	12.60	51.32	33.65	7.12	7.90	4.5	3.619	82.6	2.7	0.6
1102	9/19/2016 2:46	13.21	51.35	33.69	6.98	7.89	6.0	3.613	82.1	2.1	0.5
1103	9/19/2016 3:01	12.61	51.31	33.64	7.05	7.89	5.8	3.580	81.9	2.2	0.5
1104	9/19/2016 3:16	13.22	51.33	33.68	6.95	7.89	7.0	3.540	81.7	3.4	0.8
1105	9/19/2016 3:31	13.55	51.37	33.72	6.88	7.89	9.9	3.456	81.5	3.1	0.7
1106	9/19/2016 3:46	13.56	51.35	33.70	6.89	7.88	9.4	3.349	81.6	2.4	0.6
1107	9/19/2016 4:01	13.38	51.35	33.70	6.99	7.89	8.1	3.250	82.5	2.7	0.6
1108	9/19/2016 4:16	13.75	51.29	33.67	6.89	7.88	7.8	3.145	81.9	2.5	0.6
1109	9/19/2016 4:31	14.33	51.42	33.78	6.76	7.88	8.4	3.018	81.4	2.9	0.7
1110	9/19/2016 4:46	14.87	51.43	33.81	6.66	7.88	8.8	2.903	81.0	2.5	0.6
1111	9/19/2016 5:01	15.47	51.52	33.89	6.48	7.87	8.8	2.799	79.9	2.9	0.7
1112	9/19/2016 5:16	15.80	51.53	33.90	6.37	7.87	7.8	2.675	79.0	3.0	0.7
1113	9/19/2016 5:31	16.10	51.60	33.96	6.29	7.85	8.3	2.571	78.5	2.8	0.7
1114	9/19/2016 5:46	16.20	51.61	33.97	6.34	7.86	7.9	2.464	79.3	2.9	0.7
1115	9/19/2016 6:01	16.24	51.57	33.94	6.14	7.85	8.7	2.338	76.8	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1116	9/19/2016 6:16	16.28	51.62	33.98	6.30	7.85	8.2	2.234	79.0	2.5	0.6
1117	9/19/2016 6:31	16.30	51.62	33.98	6.40	7.87	7.5	2.118	80.2	3.0	0.7
1118	9/19/2016 6:46	16.30	51.63	33.99	6.40	7.87	8.0	1.990	80.2	2.7	0.6
1119	9/19/2016 7:01	16.48	51.66	34.01	6.53	7.89	7.6	1.904	82.1	3.0	0.7
1120	9/19/2016 7:16	16.41	51.62	33.98	6.33	7.87	6.8	1.803	79.5	2.4	0.6
1121	9/19/2016 7:31	16.57	51.64	34.00	6.30	7.87	6.7	1.730	79.3	2.1	0.5
1122	9/19/2016 7:46	16.70	51.68	34.02	6.37	7.87	6.6	1.697	80.5	2.7	0.6
1123	9/19/2016 8:01	16.81	51.69	34.03	6.32	7.87	5.4	1.637	80.0	1.8	0.4
1124	9/19/2016 8:16	17.19	51.75	34.09	6.43	7.88	5.1	1.643	82.1	2.3	0.5
1125	9/19/2016 8:31	17.13	51.77	34.10	6.52	7.89	5.6	1.683	83.1	3.0	0.7
1126	9/19/2016 8:46	16.94	51.73	34.06	6.51	7.89	5.1	1.734	82.7	2.6	0.6
1127	9/19/2016 9:01	17.26	51.78	34.11	6.66	7.91	5.4	1.794	85.1	2.5	0.6
1128	9/19/2016 9:16	17.16	51.77	34.10	6.67	7.91	5.3	1.876	85.1	2.4	0.6
1129	9/19/2016 9:31	17.03	51.73	34.07	6.66	7.91	5.9	1.989	84.7	2.8	0.7
1130	9/19/2016 9:46	16.80	51.70	34.05	6.63	7.90	6.7	2.096	83.9	2.7	0.6
1131	9/19/2016 10:01	16.59	51.67	34.02	6.53	7.89	6.7	2.203	82.4	2.6	0.6
1132	9/19/2016 10:16	16.54	51.63	33.99	6.53	7.89	6.1	2.301	82.3	2.3	0.5
1133	9/19/2016 10:31	16.54	51.65	34.00	6.53	7.88	6.1	2.415	82.2	2.8	0.7
1134	9/19/2016 10:46	16.27	51.59	33.95	6.58	7.89	6.3	2.512	82.4	2.9	0.7
1135	9/19/2016 11:01	16.09	51.59	33.95	6.56	7.88	6.8	2.603	81.9	2.6	0.6
1136	9/19/2016 11:16	15.92	51.53	33.90	6.59	7.88	7.2	2.706	81.9	2.4	0.6
1137	9/19/2016 11:31	15.66	51.49	33.87	6.61	7.88	8.5	2.813	81.8	2.4	0.6
1138	9/19/2016 11:46	15.41	51.49	33.86	6.58	7.88	10.0	2.912	81.0	2.7	0.6
1139	9/19/2016 12:01	15.15	51.45	33.83	6.47	7.87	12.0	3.023	79.2	2.8	0.6
1140	9/19/2016 12:16	14.59	51.41	33.78	6.73	7.88	11.8	3.112	81.5	2.7	0.6
1141	9/19/2016 12:31	14.00	51.35	33.72	6.87	7.88	14.2	3.233	82.1	2.7	0.6
1142	9/19/2016 12:46	13.43	51.35	33.70	6.99	7.88	13.5	3.341	82.6	2.6	0.6
1143	9/19/2016 13:01	13.20	51.32	33.67	6.96	7.88	17.0	3.444	81.8	3.5	0.8
1144	9/19/2016 13:16	13.04	51.32	33.67	6.94	7.88	14.6	3.549	81.3	3.3	0.8
1145	9/19/2016 13:31	12.88	51.31	33.65	6.95	7.89	14.2	3.641	81.2	3.5	0.8
1146	9/19/2016 13:46	12.66	51.29	33.63	7.04	7.89	12.1	3.731	81.9	3.1	0.7
1147	9/19/2016 14:01	12.53	51.20	33.55	7.12	7.89	9.1	3.810	82.5	3.0	0.7
1148	9/19/2016 14:16	12.38	51.30	33.62	7.17	7.90	7.0	3.860	82.9	2.6	0.6
1149	9/19/2016 14:31	12.41	51.27	33.60	7.16	7.90	4.3	3.884	82.8	2.9	0.7
1150	9/19/2016 14:46	12.39	51.27	33.60	7.08	7.89	3.2	3.918	81.8	2.9	0.7
1151	9/19/2016 15:01	12.73	51.32	33.65	7.02	7.89	4.7	3.890	81.7	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1152	9/19/2016 15:16	12.55	51.25	33.59	7.08	7.89	5.7	3.840	82.1	3.3	0.8
1153	9/19/2016 15:31	12.59	51.30	33.63	7.12	7.90	5.8	3.776	82.6	2.3	0.6
1154	9/19/2016 15:46	13.08	51.30	33.66	7.17	7.91	8.8	3.686	84.0	2.8	0.7
1155	9/19/2016 16:01	13.39	51.28	33.65	7.43	7.93	6.2	3.575	87.7	4.1	1.0
1156	9/19/2016 16:16	14.03	51.41	33.77	7.42	7.93	6.3	3.460	88.8	2.8	0.7
1157	9/19/2016 16:31	14.34	51.38	33.76	7.33	7.92	10.9	3.336	88.3	2.5	0.6
1158	9/19/2016 16:46	14.35	51.39	33.76	7.28	7.92	8.9	3.212	87.7	3.0	0.7
1159	9/19/2016 17:01	14.62	51.38	33.76	7.24	7.92	10.4	3.086	87.6	2.8	0.7
1160	9/19/2016 17:16	15.04	51.43	33.81	7.16	7.92	8.8	2.953	87.4	2.8	0.6
1161	9/19/2016 17:31	15.27	51.41	33.80	7.27	7.92	8.3	2.819	89.2	2.7	0.6
1162	9/19/2016 17:46	15.55	51.46	33.84	7.28	7.93	7.2	2.705	89.8	2.7	0.6
1163	9/19/2016 18:01	16.31	51.56	33.93	7.51	7.95	8.8	2.552	94.1	2.9	0.7
1164	9/19/2016 18:16	16.42	51.56	33.94	7.65	7.98	7.8	2.419	96.1	3.0	0.7
1165	9/19/2016 18:31	16.38	51.57	33.94	7.53	7.96	8.1	2.296	94.4	2.2	0.5
1166	9/19/2016 18:46	16.40	51.56	33.93	7.70	7.97	7.8	2.146	96.7	2.9	0.7
1167	9/19/2016 19:01	16.27	51.57	33.94	7.73	7.97	8.5	2.010	96.7	2.8	0.7
1168	9/19/2016 19:16	16.68	51.59	33.96	7.69	7.97	8.4	1.863	97.0	2.7	0.6
1169	9/19/2016 19:31	16.84	51.61	33.98	7.61	7.97	8.4	1.743	96.4	3.1	0.7
1170	9/19/2016 19:46	16.92	51.62	33.99	7.53	7.96	8.5	1.628	95.5	2.9	0.7
1171	9/19/2016 20:01	17.06	51.62	33.99	7.42	7.95	8.1	1.516	94.4	3.0	0.7
1172	9/19/2016 20:16	17.32	51.64	34.01	7.40	7.95	8.1	1.426	94.6	3.6	0.9
1173	9/19/2016 20:31	17.40	51.70	34.05	7.37	7.95	8.2	1.380	94.3	3.2	0.8
1174	9/19/2016 20:46	17.75	51.29	33.75	7.46	7.96	7.6	1.357	96.0	3.6	0.9
1175	9/19/2016 21:01	17.85	51.72	34.07	7.36	7.96	5.2	1.349	95.1	3.3	0.8
1176	9/19/2016 21:16	18.10	51.82	34.14	7.69	7.98	6.4	1.408	99.9	3.3	0.8
1177	9/19/2016 21:31	18.02	51.78	34.12	7.72	7.98	6.4	1.461	100.1	3.2	0.8
1178	9/19/2016 21:46	18.16	51.79	34.12	7.93	8.00	6.5	1.547	103.0	3.0	0.7
1179	9/19/2016 22:01	18.08	51.77	34.11	7.84	7.99	6.9	1.655	101.8	3.4	0.8
1180	9/19/2016 22:16	18.44	51.75	34.09	7.39	7.94	10.4	1.731	96.6	4.0	0.9
1181	9/19/2016 22:31	18.16	51.74	34.09	7.42	7.94	9.7	1.837	96.5	3.8	0.9
1182	9/19/2016 22:46	17.94	51.70	34.06	7.48	7.95	9.3	1.941	96.7	3.4	0.8
1183	9/19/2016 23:01	17.85	51.67	34.03	7.49	7.95	8.1	2.038	96.7	4.4	1.0
1184	9/19/2016 23:16	17.65	51.70	34.05	7.56	7.96	8.3	2.141	97.2	3.5	0.8
1185	9/19/2016 23:31	17.22	51.66	34.02	7.39	7.94	8.2	2.240	94.2	3.7	0.9
1186	9/19/2016 23:46	16.94	51.62	33.99	7.27	7.93	7.7	2.334	92.2	3.1	0.7
1187	9/20/2016 0:01	16.75	51.59	33.96	7.19	7.92	7.5	2.435	90.9	3.2	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1188	9/20/2016 0:16	16.52	51.57	33.95	7.16	7.92	7.9	2.535	90.1	3.3	0.8
1189	9/20/2016 0:31	16.20	51.52	33.90	7.13	7.91	7.9	2.634	89.2	3.2	0.8
1190	9/20/2016 0:46	16.08	51.53	33.91	7.10	7.91	8.4	2.727	88.6	3.0	0.7
1191	9/20/2016 1:01	15.86	51.48	33.87	7.07	7.90	9.1	2.823	87.7	3.4	0.8
1192	9/20/2016 1:16	15.48	51.46	33.85	7.07	7.90	11.8	2.917	87.1	3.0	0.7
1193	9/20/2016 1:31	15.03	51.43	33.81	7.07	7.90	11.5	2.998	86.4	3.1	0.7
1194	9/20/2016 1:46	14.54	51.39	33.77	7.10	7.89	11.9	3.092	85.8	3.3	0.8
1195	9/20/2016 2:01	14.12	51.37	33.74	7.13	7.89	11.6	3.187	85.4	2.6	0.6
1196	9/20/2016 2:16	13.89	51.38	33.74	7.12	7.89	11.1	3.263	84.9	3.1	0.7
1197	9/20/2016 2:31	13.63	51.34	33.71	7.16	7.90	9.6	3.341	84.9	3.7	0.9
1198	9/20/2016 2:46	13.47	51.34	33.70	7.14	7.90	10.8	3.414	84.4	3.4	0.8
1199	9/20/2016 3:01	13.11	51.35	33.69	7.06	7.89	7.6	3.466	82.8	2.4	0.6
1200	9/20/2016 3:16	13.39	51.30	33.67	6.94	7.89	6.6	3.493	81.9	2.2	0.5
1201	9/20/2016 3:31	13.66	51.39	33.74	6.86	7.88	6.1	3.516	81.4	3.1	0.7
1202	9/20/2016 3:46	13.05	51.43	33.75	6.85	7.88	5.4	3.514	80.2	3.1	0.7
1203	9/20/2016 4:01	12.97	51.36	33.69	6.80	7.88	5.4	3.478	79.6	2.6	0.6
1204	9/20/2016 4:16	13.71	51.38	33.73	6.88	7.89	7.7	3.411	81.7	2.9	0.7
1205	9/20/2016 4:31	14.81	51.48	33.84	6.64	7.87	9.0	3.335	80.7	3.2	0.8
1206	9/20/2016 4:46	13.79	51.37	33.73	6.93	7.89	8.4	3.242	82.5	3.2	0.7
1207	9/20/2016 5:01	13.59	51.36	33.72	6.99	7.89	8.3	3.145	82.8	3.1	0.7
1208	9/20/2016 5:16	14.25	51.41	33.77	6.90	7.88	8.0	3.036	82.9	2.8	0.7
1209	9/20/2016 5:31	14.75	51.48	33.84	6.74	7.88	7.6	2.926	81.9	2.7	0.6
1210	9/20/2016 5:46	15.26	51.52	33.88	6.62	7.87	8.4	2.828	81.3	2.7	0.6
1211	9/20/2016 6:01	15.61	51.58	33.94	6.45	7.86	7.1	2.724	79.7	2.3	0.5
1212	9/20/2016 6:16	15.84	51.48	33.87	6.34	7.85	7.1	2.628	78.6	3.0	0.7
1213	9/20/2016 6:31	15.74	51.62	33.97	6.33	7.84	8.1	2.512	78.5	3.1	0.7
1214	9/20/2016 6:46	15.83	51.61	33.96	6.30	7.85	8.1	2.412	78.2	4.0	0.9
1215	9/20/2016 7:01	16.01	51.64	33.98	6.44	7.86	8.1	2.338	80.3	2.3	0.5
1216	9/20/2016 7:16	16.13	51.65	34.00	6.44	7.86	7.9	2.223	80.5	2.3	0.5
1217	9/20/2016 7:31	16.16	51.68	34.02	6.50	7.87	6.9	2.127	81.2	2.7	0.6
1218	9/20/2016 7:46	16.17	51.67	34.02	6.50	7.87	6.4	2.056	81.3	2.0	0.5
1219	9/20/2016 8:01	16.03	51.68	34.02	6.41	7.86	6.5	1.956	79.9	3.0	0.7
1220	9/20/2016 8:16	16.12	51.69	34.03	6.47	7.86	5.7	1.909	80.9	2.9	0.7
1221	9/20/2016 8:31	16.22	51.71	34.04	6.45	7.86	5.4	1.848	80.8	2.6	0.6
1222	9/20/2016 8:46	16.47	51.75	34.08	6.53	7.87	5.3	1.838	82.1	2.6	0.6
1223	9/20/2016 9:01	16.71	51.73	34.07	6.51	7.88	4.2	1.828	82.3	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1224	9/20/2016 9:16	16.85	51.75	34.08	6.68	7.89	4.7	1.861	84.7	3.1	0.7
1225	9/20/2016 9:31	16.68	51.73	34.06	6.69	7.89	4.7	1.898	84.5	2.7	0.6
1226	9/20/2016 9:46	16.80	51.72	34.06	6.79	7.91	4.8	1.967	85.9	3.0	0.7
1227	9/20/2016 10:01	16.74	51.71	34.05	6.81	7.90	5.9	2.052	86.0	2.7	0.6
1228	9/20/2016 10:16	16.63	51.69	34.04	6.79	7.90	6.5	2.135	85.7	2.1	0.5
1229	9/20/2016 10:31	16.46	51.65	34.00	6.76	7.89	6.7	2.245	84.9	3.0	0.7
1230	9/20/2016 10:46	16.22	51.64	33.99	6.72	7.88	6.2	2.324	84.1	2.4	0.6
1231	9/20/2016 11:01	16.17	51.63	33.98	6.72	7.89	5.7	2.428	84.0	2.6	0.6
1232	9/20/2016 11:16	16.07	51.57	33.93	6.71	7.88	6.1	2.517	83.7	2.9	0.7
1233	9/20/2016 11:31	15.77	51.55	33.91	6.77	7.88	6.2	2.604	84.0	3.0	0.7
1234	9/20/2016 11:46	15.67	51.55	33.91	6.80	7.88	6.4	2.710	84.2	2.1	0.5
1235	9/20/2016 12:01	15.59	51.53	33.90	6.81	7.88	7.0	2.789	84.1	2.9	0.7
1236	9/20/2016 12:16	15.31	51.51	33.87	6.83	7.88	8.1	2.884	83.9	3.0	0.7
1237	9/20/2016 12:31	15.05	51.46	33.84	6.82	7.88	8.5	2.983	83.3	3.0	0.7
1238	9/20/2016 12:46	14.91	51.45	33.82	6.85	7.88	9.8	3.083	83.5	3.1	0.7
1239	9/20/2016 13:01	14.42	51.42	33.78	6.93	7.88	13.7	3.184	83.6	2.7	0.6
1240	9/20/2016 13:16	13.88	51.39	33.75	6.96	7.88	13.1	3.280	83.0	3.3	0.8
1241	9/20/2016 13:31	13.38	51.39	33.73	6.96	7.88	13.0	3.390	82.1	3.6	0.9
1242	9/20/2016 13:46	13.15	51.37	33.70	6.90	7.88	14.5	3.488	81.1	3.6	0.8
1243	9/20/2016 14:01	12.86	51.37	33.69	6.92	7.88	12.1	3.581	80.8	3.6	0.9
1244	9/20/2016 14:16	12.68	51.35	33.67	6.89	7.88	12.2	3.666	80.1	2.9	0.7
1245	9/20/2016 14:31	12.55	51.30	33.63	6.93	7.88	9.8	3.747	80.3	3.8	0.9
1246	9/20/2016 14:46	12.40	51.35	33.66	6.98	7.88	7.5	3.808	80.7	3.6	0.8
1247	9/20/2016 15:01	12.40	51.35	33.66	7.00	7.89	5.0	3.846	80.9	3.2	0.7
1248	9/20/2016 15:16	12.40	51.34	33.65	6.97	7.89	4.0	3.879	80.6	3.1	0.7
1249	9/20/2016 15:31	12.81	51.30	33.64	6.97	7.88	4.5	3.893	81.2	2.6	0.6
1250	9/20/2016 15:46	12.41	51.36	33.67	6.87	7.88	4.7	3.867	79.4	1.6	0.4
1251	9/20/2016 16:01	12.39	51.32	33.64	6.89	7.88	6.1	3.818	79.7	2.2	0.5
1252	9/20/2016 16:16	12.49	51.36	33.67	6.95	7.88	6.1	3.758	80.5	2.5	0.6
1253	9/20/2016 16:31	12.99	51.37	33.70	7.09	7.89	7.7	3.670	83.0	2.4	0.6
1254	9/20/2016 16:46	13.31	51.34	33.69	7.35	7.91	10.6	3.556	86.6	3.0	0.7
1255	9/20/2016 17:01	13.69	51.43	33.77	7.41	7.92	8.8	3.458	88.0	3.0	0.7
1256	9/20/2016 17:16	14.26	51.42	33.78	7.46	7.92	10.6	3.329	89.7	3.5	0.8
1257	9/20/2016 17:31	14.21	51.42	33.78	7.43	7.92	9.4	3.215	89.2	3.3	0.8
1258	9/20/2016 17:46	14.57	51.42	33.79	7.39	7.92	9.4	3.098	89.4	2.8	0.6
1259	9/20/2016 18:01	14.86	51.45	33.82	7.44	7.92	8.8	2.962	90.5	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1260	9/20/2016 18:16	15.15	51.46	33.84	7.72	7.93	7.4	2.847	94.5	2.8	0.7
1261	9/20/2016 18:31	15.60	51.48	33.86	7.67	7.94	7.9	2.719	94.7	2.8	0.7
1262	9/20/2016 18:46	15.93	51.54	33.91	7.75	7.94	8.9	2.590	96.4	2.7	0.6
1263	9/20/2016 19:01	16.22	51.58	33.95	7.91	7.96	8.9	2.454	98.9	3.1	0.7
1264	9/20/2016 19:16	16.15	51.58	33.94	7.68	7.94	9.4	2.326	96.0	3.0	0.7
1265	9/20/2016 19:31	16.09	51.56	33.93	7.71	7.95	10.4	2.191	96.2	3.3	0.8
1266	9/20/2016 19:46	15.94	51.57	33.93	7.58	7.94	10.3	2.058	94.3	3.1	0.7
1267	9/20/2016 20:01	16.09	51.59	33.95	7.53	7.93	9.8	1.918	93.9	3.2	0.8
1268	9/20/2016 20:16	16.23	51.61	33.97	7.47	7.93	9.5	1.783	93.5	3.7	0.9
1269	9/20/2016 20:31	16.25	51.63	33.98	7.37	7.93	10.0	1.679	92.2	2.9	0.7
1270	9/20/2016 20:46	16.45	51.65	34.00	7.30	7.92	9.5	1.560	91.7	3.2	0.8
1271	9/20/2016 21:01	16.56	51.64	33.99	7.26	7.92	9.4	1.481	91.4	3.8	0.9
1272	9/20/2016 21:16	16.67	51.68	34.03	7.25	7.91	8.7	1.411	91.5	3.1	0.7
1273	9/20/2016 21:31	17.01	51.71	34.06	7.32	7.93	12.3	1.360	93.0	3.8	0.9
1274	9/20/2016 21:46	17.11	51.75	34.08	7.29	7.92	8.2	1.362	92.9	3.6	0.8
1275	9/20/2016 22:01	17.40	51.76	34.09	7.41	7.94	7.8	1.361	95.0	3.5	0.8
1276	9/20/2016 22:16	17.46	51.77	34.10	7.68	7.96	7.8	1.426	98.5	3.6	0.9
1277	9/20/2016 22:31	17.56	51.78	34.11	7.81	7.98	8.0	1.491	100.4	3.5	0.8
1278	9/20/2016 22:46	17.51	51.78	34.11	7.81	7.98	7.6	1.576	100.2	3.8	0.9
1279	9/20/2016 23:01	17.38	51.77	34.10	7.75	7.97	8.4	1.668	99.3	3.3	0.8
1280	9/20/2016 23:16	17.46	51.76	34.10	7.56	7.95	9.7	1.742	96.9	3.7	0.9
1281	9/20/2016 23:31	17.50	51.75	34.09	7.47	7.93	10.8	1.850	95.9	4.3	1.0
1282	9/20/2016 23:46	17.28	51.71	34.05	7.48	7.93	9.6	1.935	95.6	3.3	0.8
1283	9/21/2016 0:01	17.23	51.70	34.05	7.49	7.93	8.8	2.020	95.6	4.6	1.1
1284	9/21/2016 0:16	17.22	51.68	34.03	7.56	7.94	9.1	2.116	96.4	4.2	1.0
1285	9/21/2016 0:31	17.01	51.68	34.03	7.56	7.94	9.4	2.209	96.1	3.6	0.8
1286	9/21/2016 0:46	16.70	51.62	33.99	7.47	7.93	9.0	2.301	94.4	3.3	0.8
1287	9/21/2016 1:01	16.53	51.60	33.97	7.44	7.93	7.8	2.394	93.7	3.4	0.8
1288	9/21/2016 1:16	16.33	51.59	33.95	7.39	7.92	8.6	2.494	92.6	3.1	0.7
1289	9/21/2016 1:31	16.09	51.55	33.93	7.34	7.92	7.9	2.576	91.6	3.3	0.8
1290	9/21/2016 1:46	15.93	51.53	33.90	7.34	7.91	8.0	2.668	91.2	2.8	0.7
1291	9/21/2016 2:01	15.80	51.50	33.88	7.33	7.91	9.0	2.751	90.9	3.3	0.8
1292	9/21/2016 2:16	15.66	51.48	33.86	7.30	7.91	10.6	2.839	90.3	3.6	0.8
1293	9/21/2016 2:31	15.23	51.43	33.82	7.31	7.91	10.8	2.920	89.6	3.3	0.8
1294	9/21/2016 2:46	14.89	51.43	33.80	7.31	7.90	10.8	2.999	89.0	3.0	0.7
1295	9/21/2016 3:01	14.54	51.37	33.75	7.33	7.90	10.6	3.083	88.6	3.0	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1296	9/21/2016 3:16	14.26	51.39	33.76	7.33	7.91	9.4	3.152	88.0	3.7	0.9
1297	9/21/2016 3:31	14.15	51.34	33.72	7.30	7.90	10.6	3.216	87.5	2.8	0.7
1298	9/21/2016 3:46	14.00	51.35	33.72	7.29	7.90	10.1	3.284	87.1	3.2	0.8
1299	9/21/2016 4:01	13.88	51.39	33.75	7.27	7.91	7.6	3.330	86.8	3.3	0.8
1300	9/21/2016 4:16	13.95	51.53	33.85	7.22	7.90	5.7	3.357	86.3	3.8	0.9
1301	9/21/2016 4:31	14.15	51.38	33.75	6.99	7.89	4.8	3.377	83.8	2.8	0.7
1302	9/21/2016 4:46	13.83	51.39	33.74	7.18	7.90	6.2	3.371	85.5	2.6	0.6
1303	9/21/2016 5:01	13.93	51.39	33.75	7.19	7.90	6.2	3.335	85.8	2.7	0.6
1304	9/21/2016 5:16	13.97	51.40	33.76	7.17	7.90	7.1	3.280	85.6	3.2	0.7
1305	9/21/2016 5:31	14.45	51.42	33.79	7.01	7.88	9.0	3.215	84.6	3.1	0.7
1306	9/21/2016 5:46	14.35	51.41	33.77	7.03	7.88	8.4	3.136	84.7	2.5	0.6
1307	9/21/2016 6:01	14.18	51.41	33.77	7.10	7.89	7.8	3.041	85.2	2.8	0.7
1308	9/21/2016 6:16	14.33	51.41	33.78	7.05	7.89	7.2	2.959	84.9	3.4	0.8
1309	9/21/2016 6:31	14.74	51.44	33.81	6.95	7.88	7.9	2.866	84.4	2.9	0.7
1310	9/21/2016 6:46	15.05	51.49	33.86	6.82	7.87	7.2	2.775	83.3	3.0	0.7
1311	9/21/2016 7:01	15.37	51.52	33.89	6.69	7.86	7.6	2.690	82.3	3.0	0.7
1312	9/21/2016 7:16	15.74	51.55	33.92	6.54	7.85	7.1	2.602	81.0	2.7	0.6
1313	9/21/2016 7:31	15.78	51.59	33.95	6.57	7.85	7.2	2.524	81.5	2.4	0.6
1314	9/21/2016 7:46	15.83	51.58	33.94	6.58	7.86	6.8	2.442	81.7	2.4	0.6
1315	9/21/2016 8:01	15.80	51.59	33.95	6.47	7.85	6.2	2.369	80.3	2.3	0.5
1316	9/21/2016 8:16	15.69	51.59	33.94	6.55	7.85	6.4	2.288	81.1	2.4	0.6
1317	9/21/2016 8:31	15.87	51.62	33.97	6.60	7.86	5.9	2.207	82.0	2.4	0.6
1318	9/21/2016 8:46	15.89	51.62	33.97	6.63	7.87	5.6	2.157	82.4	2.7	0.6
1319	9/21/2016 9:01	15.83	51.64	33.98	6.68	7.87	5.1	2.098	83.0	2.5	0.6
1320	9/21/2016 9:16	15.90	51.63	33.97	6.69	7.87	4.8	2.054	83.1	2.8	0.7
1321	9/21/2016 9:31	16.05	51.60	33.96	6.74	7.88	5.0	2.033	84.1	2.9	0.7
1322	9/21/2016 9:46	16.30	51.69	34.03	6.72	7.88	4.1	2.026	84.3	2.0	0.5
1323	9/21/2016 10:01	16.53	51.68	34.02	6.79	7.90	4.7	2.038	85.5	3.1	0.7
1324	9/21/2016 10:16	16.43	51.66	34.01	6.86	7.90	4.7	2.069	86.2	2.6	0.6
1325	9/21/2016 10:31	16.45	51.69	34.03	6.88	7.90	5.1	2.127	86.5	2.5	0.6
1326	9/21/2016 10:46	16.42	51.67	34.02	6.92	7.90	5.6	2.182	87.0	2.6	0.6
1327	9/21/2016 11:01	16.33	51.66	34.01	6.92	7.90	6.0	2.257	86.8	2.5	0.6
1328	9/21/2016 11:16	16.20	51.62	33.98	6.88	7.89	6.3	2.340	86.1	2.9	0.7
1329	9/21/2016 11:31	16.02	51.61	33.96	6.87	7.89	6.4	2.430	85.7	2.7	0.6
1330	9/21/2016 11:46	15.91	51.56	33.93	6.88	7.88	6.2	2.514	85.6	2.7	0.6
1331	9/21/2016 12:01	15.83	51.55	33.92	6.90	7.89	6.1	2.592	85.6	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	9/21/2016 12:16	15.68	51.54	33.91	6.96	7.89	6.2	2.672	86.1	3.0	0.7
1333	9/21/2016 12:31	15.42	51.51	33.88	7.06	7.90	6.1	2.758	86.9	2.6	0.6
1334	9/21/2016 12:46	15.36	51.49	33.86	7.09	7.90	6.7	2.849	87.1	2.6	0.6
1335	9/21/2016 13:01	15.24	51.47	33.85	7.12	7.90	7.5	2.930	87.3	2.8	0.7
1336	9/21/2016 13:16	15.00	51.45	33.82	7.09	7.90	8.0	3.022	86.5	3.1	0.7
1337	9/21/2016 13:31	14.79	51.44	33.81	7.09	7.90	8.6	3.109	86.2	2.8	0.6
1338	9/21/2016 13:46	14.65	51.42	33.80	7.13	7.90	9.2	3.204	86.4	2.8	0.7
1339	9/21/2016 14:01	14.19	51.35	33.73	7.22	7.90	10.1	3.289	86.6	2.9	0.7
1340	9/21/2016 14:16	13.83	51.32	33.70	7.32	7.91	10.8	3.380	87.2	3.0	0.7
1341	9/21/2016 14:31	13.49	51.33	33.69	7.39	7.92	9.5	3.469	87.4	3.6	0.8
1342	9/21/2016 14:46	13.20	51.33	33.68	7.49	7.93	9.2	3.554	88.0	3.3	0.8
1343	9/21/2016 15:01	13.05	51.29	33.64	7.49	7.93	9.3	3.627	87.8	4.0	1.0
1344	9/21/2016 15:16	12.97	51.32	33.67	7.49	7.93	9.7	3.687	87.6	4.7	1.1
Mean		16.37	51.54	33.91	7.32	7.97	5.98	2.66	91.94	3.83	0.90
Minimum		11.88	50.81	33.27	6.06	7.84	1.50	1.34	74.00	1.30	0.30
Maximum		19.13	52.00	34.28	9.13	8.12	17.00	3.92	117.60	40.60	9.60

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

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	9/21/2016 15:46:04	12.87	51.17	33.55	7.60	8.06	4.5	3.750	88.6	3.1	0.7
1	9/21/2016 16:01:04	12.76	51.15	33.53	7.61	8.08	3.3	3.774	88.6	2.6	0.6
2	9/21/2016 16:16:03	12.78	51.19	33.56	7.59	8.08	2.8	3.790	88.4	1.6	0.4
3	9/21/2016 16:31:04	12.80	51.22	33.58	7.52	8.08	3.6	3.780	87.6	2.2	0.5
4	9/21/2016 16:46:04	12.79	51.21	33.57	7.52	8.09	4.2	3.748	87.6	2.2	0.5
5	9/21/2016 17:01:04	12.97	51.24	33.60	7.54	8.09	6.0	3.704	88.2	2.5	0.6
6	9/21/2016 17:16:04	13.62	51.30	33.68	7.69	8.09	6.2	3.626	91.2	2.0	0.5
7	9/21/2016 17:31:04	13.63	51.26	33.64	7.94	8.11	5.9	3.540	94.2	2.7	0.7
8	9/21/2016 17:46:04	13.75	51.28	33.66	7.93	8.11	5.7	3.440	94.3	2.1	0.5
9	9/21/2016 18:01:04	14.51	51.33	33.72	7.85	8.11	10.5	3.333	94.8	3.5	0.8
10	9/21/2016 18:16:04	14.75	51.35	33.75	7.85	8.11	9.6	3.222	95.3	2.5	0.6
11	9/21/2016 18:31:04	14.84	51.36	33.76	7.83	8.10	7.8	3.111	95.2	2.7	0.6
12	9/21/2016 18:46:04	15.03	51.38	33.78	7.78	8.09	9.5	2.996	94.9	2.4	0.6
13	9/21/2016 19:01:04	15.33	51.41	33.81	7.64	8.08	8.4	2.889	93.9	2.6	0.6
14	9/21/2016 19:16:04	15.63	51.42	33.82	7.85	8.10	7.8	2.780	97.0	2.3	0.5
15	9/21/2016 19:31:04	15.89	51.48	33.87	7.74	8.08	8.7	2.654	96.2	2.8	0.7
16	9/21/2016 19:46:04	16.22	51.53	33.91	7.88	8.10	8.7	2.536	98.5	2.5	0.6
17	9/21/2016 20:01:05	16.20	51.53	33.91	7.71	8.09	9.8	2.418	96.3	2.8	0.7
18	9/21/2016 20:16:05	16.26	51.55	33.93	7.63	8.08	8.8	2.296	95.6	3.3	0.8
19	9/21/2016 20:31:04	16.01	51.51	33.89	7.51	8.07	8.6	2.159	93.5	2.7	0.6
20	9/21/2016 20:46:05	15.90	51.52	33.89	7.48	8.07	9.6	2.046	93.0	2.4	0.6
21	9/21/2016 21:01:05	16.15	51.56	33.93	7.46	8.07	7.7	1.922	93.2	3.1	0.7
22	9/21/2016 21:16:05	16.23	51.58	33.95	7.43	8.07	7.3	1.810	92.9	2.8	0.7
23	9/21/2016 21:31:05	16.32	51.58	33.95	7.35	8.07	6.9	1.703	92.1	2.7	0.6
24	9/21/2016 21:46:05	16.51	51.59	33.96	7.34	8.07	6.9	1.588	92.3	2.5	0.6
25	9/21/2016 22:01:05	16.62	51.63	33.99	7.31	8.07	6.2	1.519	92.2	3.0	0.7
26	9/21/2016 22:16:05	16.67	51.66	34.01	7.30	8.08	5.9	1.471	92.1	2.5	0.6
27	9/21/2016 22:31:05	16.76	51.67	34.02	7.29	8.07	5.7	1.413	92.1	3.1	0.7
28	9/21/2016 22:46:05	17.10	51.71	34.06	7.48	8.09	5.4	1.408	95.2	2.6	0.6
29	9/21/2016 23:01:05	17.13	51.75	34.09	7.68	8.11	5.2	1.440	97.9	2.5	0.6
30	9/21/2016 23:16:04	17.32	51.78	34.11	7.83	8.13	4.9	1.484	100.1	3.4	0.8
31	9/21/2016 23:31:05	17.38	51.80	34.13	7.82	8.15	5.3	1.524	100.2	2.8	0.7
32	9/21/2016 23:46:05	17.37	51.80	34.12	7.84	8.16	5.0	1.601	100.4	2.5	0.6
33	9/22/2016 00:01:05	17.29	51.78	34.11	7.76	8.16	5.6	1.682	99.2	2.7	0.6
34	9/22/2016 00:16:05	17.36	51.78	34.11	7.55	8.15	7.0	1.752	96.6	3.2	0.8
35	9/22/2016 00:31:05	17.35	51.76	34.10	7.39	8.14	8.4	1.844	94.5	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
36	9/22/2016 00:46:05	17.18	51.75	34.08	7.32	8.13	8.4	1.921	93.4	3.3	0.8
37	9/22/2016 01:01:05	17.05	51.72	34.06	7.27	8.13	7.9	2.004	92.5	3.7	0.9
38	9/22/2016 01:16:05	16.99	51.74	34.08	7.26	8.13	7.2	2.078	92.3	3.5	0.8
39	9/22/2016 01:31:05	17.00	51.74	34.08	7.30	8.14	7.3	2.173	92.7	3.1	0.7
40	9/22/2016 01:46:05	16.71	51.72	34.06	7.26	8.13	7.5	2.259	91.8	3.1	0.7
41	9/22/2016 02:01:05	16.49	51.67	34.02	7.21	8.12	7.3	2.333	90.7	2.9	0.7
42	9/22/2016 02:16:05	16.36	51.66	34.01	7.20	8.13	6.2	2.423	90.3	2.9	0.7
43	9/22/2016 02:31:05	16.21	51.65	34.00	7.19	8.13	6.4	2.509	89.9	2.8	0.7
44	9/22/2016 02:46:05	16.02	51.63	33.98	7.16	8.13	6.1	2.587	89.3	3.1	0.7
45	9/22/2016 03:01:05	15.85	51.63	33.97	7.14	8.13	6.5	2.667	88.7	2.9	0.7
46	9/22/2016 03:16:05	15.73	51.61	33.96	7.15	8.13	6.7	2.752	88.6	2.4	0.6
47	9/22/2016 03:31:05	15.61	51.60	33.95	7.17	8.13	7.2	2.828	88.6	2.9	0.7
48	9/22/2016 03:46:05	15.41	51.57	33.92	7.17	8.14	7.8	2.898	88.3	2.7	0.6
49	9/22/2016 04:01:05	15.17	51.54	33.90	7.19	8.14	8.8	2.969	88.1	2.8	0.7
50	9/22/2016 04:16:05	14.95	51.54	33.89	7.18	8.14	7.9	3.038	87.6	2.7	0.7
51	9/22/2016 04:31:05	14.68	51.53	33.88	7.19	8.15	7.1	3.102	87.2	2.5	0.6
52	9/22/2016 04:46:05	14.37	51.53	33.86	7.18	8.15	6.6	3.158	86.5	2.3	0.6
53	9/22/2016 05:01:04	14.27	51.52	33.86	7.16	8.15	6.1	3.204	86.1	2.5	0.6
54	9/22/2016 05:16:04	14.27	51.55	33.88	7.10	8.15	5.6	3.249	85.5	2.4	0.6
55	9/22/2016 05:31:04	14.38	51.42	33.78	7.07	8.14	4.2	3.273	85.2	2.6	0.6
56	9/22/2016 05:46:05	14.43	51.56	33.89	6.95	8.14	5.2	3.265	83.8	2.3	0.5
57	9/22/2016 06:01:05	14.04	51.52	33.84	7.00	8.15	3.9	3.266	83.8	2.2	0.5
58	9/22/2016 06:16:05	14.27	51.53	33.86	6.93	8.14	4.0	3.233	83.4	2.4	0.6
59	9/22/2016 06:31:05	14.60	51.60	33.93	6.84	8.12	7.7	3.173	82.8	2.4	0.6
60	9/22/2016 06:46:05	14.97	51.62	33.95	6.77	8.11	7.2	3.114	82.6	2.5	0.6
61	9/22/2016 07:01:05	14.91	51.60	33.93	6.85	8.12	6.6	3.046	83.4	2.4	0.6
62	9/22/2016 07:16:05	14.82	51.60	33.93	6.83	8.12	7.4	2.970	83.1	2.3	0.5
63	9/22/2016 07:31:05	14.86	51.62	33.94	6.85	8.11	7.0	2.893	83.4	2.3	0.5
64	9/22/2016 07:46:05	15.11	51.64	33.97	6.78	8.11	6.7	2.813	83.0	2.2	0.5
65	9/22/2016 08:01:05	15.46	51.67	34.00	6.64	8.09	6.2	2.737	81.9	2.6	0.6
66	9/22/2016 08:16:05	15.37	51.69	34.01	6.61	8.09	5.6	2.672	81.3	1.9	0.5
67	9/22/2016 08:31:05	15.46	51.69	34.01	6.51	8.08	5.0	2.601	80.3	2.5	0.6
68	9/22/2016 08:46:05	15.65	51.74	34.05	6.42	8.07	5.1	2.526	79.4	1.9	0.4
69	9/22/2016 09:01:05	15.64	51.77	34.07	6.42	8.06	5.0	2.468	79.4	2.2	0.5
70	9/22/2016 09:16:05	15.78	51.76	34.07	6.46	8.07	4.3	2.409	80.1	1.5	0.4
71	9/22/2016 09:31:05	15.86	51.77	34.08	6.56	8.07	4.5	2.341	81.6	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
72	9/22/2016 09:46:05	15.87	51.76	34.07	6.63	8.08	4.3	2.296	82.5	2.2	0.5
73	9/22/2016 10:01:05	16.05	51.80	34.11	6.70	8.08	4.2	2.259	83.6	2.1	0.5
74	9/22/2016 10:16:06	16.17	51.84	34.14	6.72	8.09	4.0	2.237	84.1	2.1	0.5
75	9/22/2016 10:31:05	16.31	51.82	34.12	6.70	8.09	3.6	2.218	84.0	2.8	0.7
76	9/22/2016 10:46:05	16.41	51.82	34.13	6.64	8.08	3.4	2.207	83.4	1.6	0.4
77	9/22/2016 11:01:05	16.38	51.83	34.13	6.78	8.09	3.7	2.237	85.2	2.4	0.6
78	9/22/2016 11:16:05	16.35	51.82	34.13	6.72	8.08	4.4	2.256	84.3	2.5	0.6
79	9/22/2016 11:31:05	16.42	51.83	34.14	6.71	8.09	4.3	2.304	84.4	2.6	0.6
80	9/22/2016 11:46:05	16.36	51.82	34.13	6.71	8.08	4.7	2.345	84.3	2.3	0.5
81	9/22/2016 12:01:05	16.29	51.83	34.13	6.69	8.08	5.0	2.411	83.8	1.9	0.4
82	9/22/2016 12:16:05	16.20	51.83	34.13	6.67	8.07	5.1	2.476	83.5	2.7	0.6
83	9/22/2016 12:31:05	16.11	51.81	34.11	6.69	8.07	5.1	2.539	83.6	2.6	0.6
84	9/22/2016 12:46:05	16.03	51.79	34.10	6.75	8.08	5.0	2.606	84.2	2.2	0.5
85	9/22/2016 13:01:05	15.92	51.77	34.08	6.87	8.08	5.1	2.677	85.5	2.2	0.5
86	9/22/2016 13:16:05	15.77	51.76	34.07	6.86	8.09	4.8	2.748	85.1	2.2	0.5
87	9/22/2016 13:31:05	15.53	51.70	34.02	6.92	8.10	4.5	2.814	85.5	2.2	0.5
88	9/22/2016 13:46:05	15.38	51.69	34.01	6.93	8.10	5.6	2.887	85.2	2.5	0.6
89	9/22/2016 14:01:05	15.30	51.71	34.02	6.90	8.10	4.9	2.964	84.8	2.3	0.5
90	9/22/2016 14:16:05	15.25	51.71	34.02	6.84	8.09	5.3	3.035	84.0	2.5	0.6
91	9/22/2016 14:31:05	15.14	51.70	34.01	6.88	8.10	5.4	3.113	84.3	2.4	0.6
92	9/22/2016 14:46:05	14.89	51.67	33.99	6.98	8.11	5.9	3.192	85.0	2.5	0.6
93	9/22/2016 15:01:05	14.66	51.65	33.97	7.01	8.12	5.4	3.268	85.0	2.3	0.5
94	9/22/2016 15:16:04	14.49	51.64	33.95	7.01	8.12	6.0	3.348	84.7	2.5	0.6
95	9/22/2016 15:31:05	14.10	51.63	33.93	7.04	8.13	5.7	3.418	84.4	2.1	0.5
96	9/22/2016 15:46:04	13.81	51.62	33.91	7.05	8.14	5.4	3.493	84.1	2.4	0.6
97	9/22/2016 16:01:04	13.57	51.59	33.88	7.08	8.14	4.5	3.553	84.0	2.2	0.5
98	9/22/2016 16:16:04	13.36	51.58	33.87	7.09	8.14	4.3	3.601	83.8	2.9	0.7
99	9/22/2016 16:31:04	13.24	51.57	33.86	7.08	8.14	3.6	3.650	83.4	2.0	0.5
100	9/22/2016 16:46:04	13.11	51.60	33.87	7.10	8.14	3.8	3.682	83.4	2.2	0.5
101	9/22/2016 17:01:04	13.02	51.57	33.85	6.99	8.14	1.8	3.697	81.9	2.5	0.6
102	9/22/2016 17:16:04	13.13	51.57	33.85	6.92	8.13	2.1	3.702	81.3	1.3	0.3
103	9/22/2016 17:31:04	13.03	51.61	33.87	7.01	8.14	2.7	3.683	82.2	1.9	0.5
104	9/22/2016 17:46:04	13.15	51.61	33.88	6.97	8.13	3.3	3.643	82.0	1.9	0.4
105	9/22/2016 18:01:04	13.65	51.63	33.91	7.06	8.13	4.2	3.584	83.8	2.1	0.5
106	9/22/2016 18:16:04	14.22	51.62	33.93	7.16	8.14	4.4	3.514	86.1	2.3	0.5
107	9/22/2016 18:31:04	14.08	51.65	33.95	7.37	8.15	4.6	3.434	88.3	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
108	9/22/2016 18:46:05	14.00	51.64	33.93	7.31	8.15	6.1	3.337	87.5	2.6	0.6
109	9/22/2016 19:01:05	14.65	51.71	34.01	7.39	8.15	6.8	3.247	89.6	2.1	0.5
110	9/22/2016 19:16:05	15.07	51.72	34.02	7.36	8.15	8.3	3.156	90.1	2.9	0.7
111	9/22/2016 19:31:05	15.27	51.75	34.05	7.37	8.14	7.8	3.042	90.5	2.5	0.6
112	9/22/2016 19:46:05	15.61	51.75	34.06	7.41	8.15	7.1	2.958	91.6	2.7	0.6
113	9/22/2016 20:01:05	15.84	51.80	34.10	7.54	8.15	7.6	2.850	93.7	2.8	0.7
114	9/22/2016 20:16:05	16.14	51.83	34.13	7.55	8.15	7.6	2.743	94.3	3.0	0.7
115	9/22/2016 20:31:05	16.31	51.84	34.14	7.67	8.16	7.7	2.636	96.2	2.4	0.6
116	9/22/2016 20:46:05	16.31	51.85	34.15	7.47	8.14	6.8	2.529	93.7	2.6	0.6
117	9/22/2016 21:01:05	16.43	51.85	34.15	7.57	8.15	8.3	2.417	95.2	3.0	0.7
118	9/22/2016 21:16:05	16.21	51.83	34.13	7.36	8.14	7.3	2.292	92.1	2.5	0.6
119	9/22/2016 21:31:05	16.27	51.87	34.16	7.29	8.13	8.6	2.176	91.3	3.4	0.8
120	9/22/2016 21:46:05	16.26	51.87	34.16	7.25	8.12	7.1	2.058	90.8	2.5	0.6
121	9/22/2016 22:01:05	16.12	51.87	34.16	7.07	8.11	7.6	1.941	88.4	2.7	0.6
122	9/22/2016 22:16:05	16.30	51.87	34.16	7.19	8.12	6.5	1.824	90.2	3.0	0.7
123	9/22/2016 22:31:05	16.56	51.92	34.20	7.29	8.13	7.0	1.726	91.9	2.5	0.6
124	9/22/2016 22:46:06	16.63	51.94	34.22	7.22	8.12	5.9	1.649	91.2	2.5	0.6
125	9/22/2016 23:01:06	16.68	51.95	34.23	7.18	8.12	5.6	1.569	90.8	2.5	0.6
126	9/22/2016 23:16:05	16.91	51.99	34.26	7.34	8.13	5.7	1.500	93.2	2.9	0.7
127	9/22/2016 23:31:05	17.15	52.03	34.29	7.48	8.16	5.3	1.494	95.4	2.9	0.7
128	9/22/2016 23:46:05	17.32	52.07	34.32	7.58	8.17	4.8	1.471	97.1	2.7	0.6
129	9/23/2016 00:01:05	17.35	52.05	34.31	7.83	8.18	5.1	1.478	100.4	2.9	0.7
130	9/23/2016 00:16:05	17.44	52.06	34.32	7.98	8.19	4.1	1.510	102.4	2.9	0.7
131	9/23/2016 00:31:05	17.29	52.05	34.31	7.87	8.18	4.2	1.563	100.7	2.2	0.5
132	9/23/2016 00:46:05	17.45	52.07	34.33	8.10	8.20	4.6	1.622	104.0	2.8	0.7
133	9/23/2016 01:01:05	17.36	52.05	34.31	8.01	8.19	4.3	1.685	102.6	2.5	0.6
134	9/23/2016 01:16:06	17.26	52.05	34.31	7.88	8.18	4.8	1.752	100.8	2.7	0.6
135	9/23/2016 01:31:05	17.30	52.04	34.30	7.65	8.15	6.4	1.817	97.9	3.3	0.8
136	9/23/2016 01:46:05	17.34	52.03	34.29	7.48	8.14	7.2	1.898	95.8	3.3	0.8
137	9/23/2016 02:01:05	17.24	52.02	34.28	7.41	8.13	7.8	1.962	94.7	3.3	0.8
138	9/23/2016 02:16:05	17.11	52.00	34.27	7.39	8.13	7.2	2.037	94.2	2.8	0.7
139	9/23/2016 02:31:05	17.02	52.00	34.27	7.39	8.13	6.4	2.117	94.1	3.1	0.7
140	9/23/2016 02:46:05	17.01	52.01	34.28	7.44	8.14	6.4	2.199	94.7	3.0	0.7
141	9/23/2016 03:01:05	16.78	51.98	34.25	7.36	8.13	6.5	2.268	93.3	2.5	0.6
142	9/23/2016 03:16:05	16.55	51.96	34.23	7.27	8.11	6.5	2.357	91.7	2.8	0.7
143	9/23/2016 03:31:05	16.40	51.94	34.21	7.24	8.11	6.2	2.431	91.0	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
144	9/23/2016 03:46:05	16.28	51.92	34.19	7.21	8.11	6.4	2.514	90.4	2.7	0.6
145	9/23/2016 04:01:05	16.11	51.90	34.18	7.14	8.10	6.5	2.589	89.2	2.4	0.6
146	9/23/2016 04:16:05	15.92	51.88	34.16	7.10	8.10	5.8	2.664	88.4	3.0	0.7
147	9/23/2016 04:31:05	15.77	51.86	34.14	7.09	8.10	6.1	2.741	88.0	2.7	0.6
148	9/23/2016 04:46:05	15.66	51.86	34.14	7.07	8.10	5.8	2.802	87.6	2.5	0.6
149	9/23/2016 05:01:05	15.55	51.84	34.12	7.07	8.10	5.9	2.870	87.3	2.6	0.6
150	9/23/2016 05:16:05	15.44	51.82	34.11	7.06	8.10	6.0	2.932	87.0	2.3	0.5
151	9/23/2016 05:31:05	15.19	51.80	34.08	7.07	8.10	6.1	2.996	86.7	2.4	0.6
152	9/23/2016 05:46:05	15.01	51.80	34.08	7.04	8.10	5.4	3.050	86.1	2.6	0.6
153	9/23/2016 06:01:05	14.82	51.78	34.06	6.98	8.10	5.7	3.091	85.0	2.4	0.6
154	9/23/2016 06:16:05	14.62	51.77	34.05	6.94	8.10	4.5	3.143	84.2	2.0	0.5
155	9/23/2016 06:31:05	14.58	51.78	34.05	6.88	8.10	4.6	3.157	83.3	2.4	0.6
156	9/23/2016 06:46:05	15.22	51.89	34.15	6.78	8.09	4.9	3.182	83.3	2.4	0.6
157	9/23/2016 07:01:05	14.74	51.84	34.10	6.73	8.09	3.9	3.192	81.9	1.9	0.4
158	9/23/2016 07:16:05	14.40	51.78	34.05	6.73	8.09	3.4	3.167	81.2	1.6	0.4
159	9/23/2016 07:31:05	14.70	51.78	34.06	6.74	8.09	3.6	3.158	81.8	2.1	0.5
160	9/23/2016 07:46:05	15.06	51.84	34.11	6.71	8.09	4.6	3.099	82.1	2.5	0.6
161	9/23/2016 08:01:05	15.51	51.92	34.18	6.52	8.06	5.7	3.052	80.5	1.9	0.5
162	9/23/2016 08:16:05	15.69	51.93	34.20	6.44	8.05	6.1	2.993	79.8	2.2	0.5
163	9/23/2016 08:31:05	15.39	51.85	34.13	6.71	8.07	8.2	2.918	82.7	2.2	0.5
164	9/23/2016 08:46:05	15.37	51.85	34.13	6.81	8.08	4.7	2.851	83.9	2.2	0.5
165	9/23/2016 09:01:05	15.48	51.87	34.14	6.80	8.08	4.7	2.793	83.9	2.1	0.5
166	9/23/2016 09:16:05	15.53	51.87	34.15	6.86	8.08	4.6	2.723	84.8	2.1	0.5
167	9/23/2016 09:31:05	15.66	51.91	34.18	6.83	8.08	4.7	2.661	84.7	1.7	0.4
168	9/23/2016 09:46:05	15.91	51.97	34.23	6.61	8.06	4.3	2.609	82.4	2.0	0.5
169	9/23/2016 10:01:05	15.65	51.93	34.19	7.06	8.09	4.0	2.554	87.5	1.8	0.4
170	9/23/2016 10:16:05	15.84	51.93	34.19	7.02	8.09	4.0	2.489	87.3	1.7	0.4
171	9/23/2016 10:31:05	15.84	51.93	34.20	7.22	8.10	3.9	2.446	89.8	2.1	0.5
172	9/23/2016 10:46:05	16.04	52.00	34.25	7.09	8.10	3.7	2.401	88.5	2.1	0.5
173	9/23/2016 11:01:05	16.14	51.99	34.25	7.23	8.10	3.9	2.362	90.4	2.3	0.5
174	9/23/2016 11:16:06	16.19	51.99	34.25	7.33	8.12	3.6	2.342	91.9	2.4	0.6
175	9/23/2016 11:31:06	16.31	52.00	34.26	7.18	8.11	3.9	2.323	90.2	2.7	0.6
176	9/23/2016 11:46:06	16.33	52.01	34.27	7.18	8.11	3.7	2.315	90.2	1.9	0.5
177	9/23/2016 12:01:05	16.27	51.98	34.24	7.25	8.10	3.9	2.334	90.9	2.4	0.6
178	9/23/2016 12:16:05	16.35	52.00	34.26	7.11	8.09	3.7	2.338	89.3	2.1	0.5
179	9/23/2016 12:31:05	16.38	51.98	34.24	7.03	8.09	3.9	2.358	88.4	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
180	9/23/2016 12:46:05	16.37	52.00	34.26	6.98	8.09	4.0	2.407	87.7	2.2	0.5
181	9/23/2016 13:01:05	16.31	51.99	34.25	6.95	8.09	4.2	2.453	87.2	2.0	0.5
182	9/23/2016 13:16:05	16.21	51.97	34.23	6.90	8.08	4.5	2.490	86.5	2.6	0.6
183	9/23/2016 13:31:05	16.09	51.95	34.21	6.88	8.08	4.3	2.554	86.0	2.3	0.6
184	9/23/2016 13:46:05	16.01	51.93	34.20	6.92	8.08	4.3	2.609	86.3	1.8	0.4
185	9/23/2016 14:01:05	15.90	51.91	34.18	6.97	8.08	4.2	2.665	86.8	2.0	0.5
186	9/23/2016 14:16:05	15.81	51.91	34.18	6.99	8.08	4.6	2.718	86.8	2.5	0.6
187	9/23/2016 14:31:05	15.75	51.89	34.17	6.97	8.08	4.5	2.785	86.5	2.3	0.5
188	9/23/2016 14:46:05	15.55	51.85	34.13	6.76	8.08	4.8	2.854	83.5	2.0	0.5
189	9/23/2016 15:01:05	15.42	51.84	34.12	6.47	8.06	4.8	2.906	79.7	1.9	0.5
190	9/23/2016 15:16:05	15.19	51.83	34.11	6.62	8.07	4.3	2.976	81.3	1.9	0.4
191	9/23/2016 15:31:05	15.07	51.82	34.10	6.64	8.08	4.5	3.038	81.3	2.6	0.6
192	9/23/2016 15:46:05	14.98	51.81	34.09	6.76	8.09	4.4	3.107	82.5	1.8	0.4
193	9/23/2016 16:01:05	14.73	51.78	34.06	6.71	8.08	4.2	3.175	81.6	2.7	0.6
194	9/23/2016 16:16:05	14.42	51.74	34.02	6.76	8.09	4.0	3.244	81.6	1.9	0.4
195	9/23/2016 16:31:04	14.11	51.70	33.98	6.82	8.10	4.3	3.306	81.8	2.4	0.6
196	9/23/2016 16:46:04	13.97	51.70	33.98	6.80	8.11	4.0	3.372	81.3	2.2	0.5
197	9/23/2016 17:01:04	13.75	51.71	33.98	6.82	8.11	4.0	3.433	81.2	2.6	0.6
198	9/23/2016 17:16:05	13.53	51.72	33.98	6.87	8.12	3.9	3.479	81.4	2.2	0.5
199	9/23/2016 17:31:05	13.29	51.72	33.96	6.91	8.12	3.8	3.531	81.6	2.2	0.5
200	9/23/2016 17:46:04	13.20	51.71	33.96	6.89	8.13	3.2	3.564	81.2	2.2	0.5
201	9/23/2016 18:01:04	13.18	51.70	33.95	6.84	8.13	2.5	3.581	80.5	2.4	0.6
202	9/23/2016 18:16:04	13.43	51.72	33.97	6.81	8.12	2.5	3.599	80.6	2.6	0.6
203	9/23/2016 18:31:04	13.14	51.72	33.96	6.79	8.12	2.3	3.587	79.9	1.7	0.4
204	9/23/2016 18:46:04	13.18	51.70	33.95	6.79	8.12	3.1	3.553	79.9	1.6	0.4
205	9/23/2016 19:01:04	13.42	51.69	33.95	6.79	8.12	2.7	3.509	80.3	1.9	0.4
206	9/23/2016 19:16:05	14.91	51.87	34.13	7.24	8.14	4.8	3.455	88.3	1.8	0.4
207	9/23/2016 19:31:05	14.55	51.81	34.08	7.03	8.13	3.7	3.379	85.2	2.1	0.5
208	9/23/2016 19:46:05	14.55	51.76	34.04	6.93	8.11	6.0	3.298	84.0	1.9	0.5
209	9/23/2016 20:01:05	14.36	51.74	34.02	6.75	8.10	5.3	3.222	81.4	2.5	0.6
210	9/23/2016 20:16:05	14.59	51.77	34.05	6.88	8.11	4.7	3.136	83.3	2.2	0.5
211	9/23/2016 20:31:05	14.98	51.79	34.07	7.00	8.11	6.4	3.037	85.5	2.2	0.5
212	9/23/2016 20:46:05	15.15	51.81	34.10	7.00	8.11	5.8	2.952	85.8	2.5	0.6
213	9/23/2016 21:01:05	15.58	51.84	34.12	7.11	8.11	5.9	2.860	88.0	2.7	0.6
214	9/23/2016 21:16:05	15.78	51.86	34.14	7.11	8.11	6.7	2.758	88.3	2.6	0.6
215	9/23/2016 21:31:05	15.97	51.89	34.17	7.10	8.10	6.4	2.660	88.4	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
216	9/23/2016 21:46:05	16.08	51.87	34.16	7.19	8.10	6.9	2.560	89.8	2.5	0.6
217	9/23/2016 22:01:05	16.16	51.91	34.19	7.09	8.10	6.8	2.445	88.7	2.4	0.6
218	9/23/2016 22:16:05	16.20	51.92	34.19	7.06	8.09	6.7	2.338	88.4	2.7	0.6
219	9/23/2016 22:31:06	15.99	51.87	34.16	6.94	8.08	7.7	2.226	86.5	2.7	0.7
220	9/23/2016 22:46:05	16.13	51.89	34.18	6.90	8.09	6.2	2.130	86.2	2.0	0.5
221	9/23/2016 23:01:05	16.06	51.89	34.17	6.74	8.08	7.0	1.998	84.2	2.7	0.6
222	9/23/2016 23:16:05	16.26	51.91	34.19	6.82	8.09	5.9	1.902	85.5	2.8	0.7
223	9/23/2016 23:31:06	16.14	51.91	34.19	6.62	8.07	5.7	1.808	82.9	2.8	0.7
224	9/23/2016 23:46:06	16.35	51.93	34.20	6.81	8.09	5.3	1.709	85.5	2.2	0.5
225	9/24/2016 00:01:05	16.48	51.93	34.21	6.91	8.09	5.2	1.632	87.0	2.5	0.6
226	9/24/2016 00:16:06	16.53	51.94	34.21	6.87	8.09	5.4	1.579	86.6	2.8	0.7
227	9/24/2016 00:31:06	16.70	51.99	34.25	7.05	8.11	4.8	1.539	89.2	2.1	0.5
228	9/24/2016 00:46:05	16.75	51.97	34.24	7.05	8.11	4.6	1.511	89.3	2.4	0.6
229	9/24/2016 01:01:05	16.79	52.02	34.28	7.05	8.10	4.3	1.514	89.3	2.3	0.5
230	9/24/2016 01:16:05	17.08	52.05	34.31	7.78	8.17	3.9	1.534	99.1	2.6	0.6
231	9/24/2016 01:31:05	17.12	52.06	34.31	7.90	8.18	4.0	1.567	100.8	2.4	0.6
232	9/24/2016 01:46:05	16.98	52.04	34.30	7.70	8.16	4.0	1.608	98.0	2.4	0.6
233	9/24/2016 02:01:05	17.11	52.05	34.30	7.93	8.18	4.0	1.670	101.1	2.6	0.6
234	9/24/2016 02:16:05	17.06	52.06	34.31	7.84	8.17	3.9	1.720	99.9	1.6	0.4
235	9/24/2016 02:31:05	16.98	52.05	34.30	7.71	8.16	4.3	1.781	98.1	2.8	0.7
236	9/24/2016 02:46:05	16.96	52.03	34.29	7.54	8.15	5.3	1.839	95.8	2.9	0.7
237	9/24/2016 03:01:05	16.97	52.02	34.28	7.43	8.14	6.2	1.900	94.5	2.7	0.7
238	9/24/2016 03:16:05	16.94	52.00	34.27	7.41	8.14	6.4	1.974	94.2	2.7	0.6
239	9/24/2016 03:31:05	16.77	52.00	34.26	7.24	8.12	6.3	2.038	91.7	3.0	0.7
240	9/24/2016 03:46:05	16.69	51.98	34.25	7.15	8.11	6.2	2.116	90.4	2.6	0.6
241	9/24/2016 04:01:05	16.65	51.99	34.26	7.13	8.11	5.7	2.197	90.2	2.3	0.5
242	9/24/2016 04:16:05	16.60	51.98	34.25	7.14	8.11	5.8	2.266	90.2	2.9	0.7
243	9/24/2016 04:31:05	16.33	51.94	34.21	6.98	8.09	5.5	2.360	87.6	2.8	0.7
244	9/24/2016 04:46:06	16.18	51.92	34.20	6.91	8.08	5.6	2.442	86.5	2.1	0.5
245	9/24/2016 05:01:06	16.08	51.91	34.19	6.85	8.08	5.4	2.508	85.6	2.7	0.6
246	9/24/2016 05:16:06	16.05	51.91	34.18	6.83	8.08	5.6	2.592	85.3	2.3	0.5
247	9/24/2016 05:31:06	15.92	51.89	34.17	6.82	8.07	5.3	2.667	84.9	2.5	0.6
248	9/24/2016 05:46:06	15.75	51.88	34.16	6.76	8.07	5.3	2.736	83.9	2.2	0.5
249	9/24/2016 06:01:05	15.55	51.85	34.13	6.72	8.07	5.4	2.805	83.1	2.5	0.6
250	9/24/2016 06:16:05	15.44	51.83	34.11	6.68	8.07	5.0	2.870	82.4	2.7	0.6
251	9/24/2016 06:31:05	15.29	51.82	34.10	6.66	8.07	5.1	2.932	81.9	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
252	9/24/2016 06:46:06	15.12	51.79	34.08	6.66	8.07	5.4	2.997	81.6	2.3	0.5
253	9/24/2016 07:01:05	14.92	51.77	34.06	6.67	8.07	5.8	3.051	81.4	2.7	0.6
254	9/24/2016 07:16:05	14.68	51.76	34.04	6.65	8.07	6.1	3.101	80.7	2.3	0.5
255	9/24/2016 07:31:05	14.74	51.76	34.04	6.60	8.07	5.6	3.150	80.2	2.1	0.5
256	9/24/2016 07:46:05	14.38	51.75	34.03	6.63	8.07	4.8	3.185	80.0	2.3	0.6
257	9/24/2016 08:01:05	14.44	51.69	33.99	6.57	8.07	4.2	3.207	79.3	1.7	0.4
258	9/24/2016 08:16:05	14.60	51.82	34.09	6.44	8.07	4.2	3.210	78.1	2.2	0.5
259	9/24/2016 08:31:05	14.33	51.75	34.02	6.45	8.07	3.6	3.212	77.7	1.8	0.4
260	9/24/2016 08:46:05	14.32	51.76	34.04	6.45	8.07	5.0	3.189	77.7	1.3	0.3
261	9/24/2016 09:01:05	14.66	51.80	34.07	6.41	8.06	3.7	3.149	77.9	1.8	0.4
262	9/24/2016 09:16:05	14.90	51.86	34.12	6.37	8.05	4.8	3.078	77.7	2.3	0.6
263	9/24/2016 09:31:05	15.16	51.85	34.13	6.55	8.06	4.8	3.034	80.4	2.0	0.5
264	9/24/2016 09:46:05	15.23	51.82	34.10	6.79	8.08	4.5	2.981	83.4	2.2	0.5
265	9/24/2016 10:01:05	15.26	51.83	34.11	6.97	8.10	4.2	2.900	85.7	1.8	0.4
266	9/24/2016 10:16:05	15.39	51.83	34.11	7.04	8.10	4.5	2.839	86.8	1.9	0.4
267	9/24/2016 10:31:05	15.57	51.84	34.12	7.11	8.10	4.4	2.774	87.9	1.8	0.4
268	9/24/2016 10:46:05	15.77	51.86	34.14	7.13	8.11	4.2	2.716	88.5	1.8	0.4
269	9/24/2016 11:01:05	15.94	51.91	34.18	6.98	8.09	5.1	2.654	86.9	1.8	0.4
270	9/24/2016 11:16:06	16.14	51.96	34.23	6.79	8.08	4.0	2.597	84.9	2.1	0.5
271	9/24/2016 11:31:06	16.24	51.97	34.24	6.78	8.08	4.2	2.555	85.0	1.5	0.4
272	9/24/2016 11:46:05	16.32	51.98	34.24	6.73	8.08	4.4	2.508	84.5	1.5	0.4
273	9/24/2016 12:01:05	16.37	51.98	34.24	6.76	8.08	4.3	2.465	84.9	1.6	0.4
274	9/24/2016 12:16:05	16.42	51.98	34.25	6.75	8.07	3.8	2.413	84.9	1.8	0.4
275	9/24/2016 12:31:05	16.48	52.02	34.27	6.76	8.08	3.2	2.396	85.1	1.8	0.4
276	9/24/2016 12:46:05	16.51	52.01	34.27	6.70	8.08	2.9	2.369	84.4	1.4	0.3
277	9/24/2016 13:01:05	16.52	52.02	34.28	6.52	8.07	3.6	2.349	82.2	1.3	0.3
278	9/24/2016 13:16:05	16.42	51.98	34.24	7.13	8.09	4.2	2.339	89.7	2.5	0.6
279	9/24/2016 13:31:05	16.47	51.99	34.25	7.01	8.09	4.0	2.354	88.2	2.7	0.6
280	9/24/2016 13:46:06	16.44	51.95	34.22	7.05	8.09	3.9	2.370	88.7	2.2	0.5
281	9/24/2016 14:01:06	16.46	51.96	34.23	7.01	8.09	4.0	2.393	88.2	2.1	0.5
282	9/24/2016 14:16:06	16.48	51.93	34.21	7.02	8.09	4.0	2.432	88.3	2.6	0.6
283	9/24/2016 14:31:05	16.45	51.93	34.21	6.97	8.09	4.3	2.485	87.8	2.8	0.7
284	9/24/2016 14:46:05	16.31	51.92	34.20	6.91	8.08	4.7	2.529	86.7	2.6	0.6
285	9/24/2016 15:01:05	16.26	51.90	34.18	6.90	8.08	4.3	2.585	86.5	2.1	0.5
286	9/24/2016 15:16:05	16.12	51.89	34.17	6.94	8.08	4.7	2.644	86.8	2.3	0.5
287	9/24/2016 15:31:05	15.98	51.86	34.15	6.93	8.08	4.4	2.703	86.4	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
288	9/24/2016 15:46:05	15.82	51.84	34.13	6.92	8.08	4.7	2.763	86.0	2.2	0.5
289	9/24/2016 16:01:05	15.74	51.83	34.12	6.41	8.04	4.8	2.822	79.5	2.1	0.5
290	9/24/2016 16:16:05	15.41	51.81	34.10	6.38	8.04	5.0	2.885	78.6	2.6	0.6
291	9/24/2016 16:31:05	15.19	51.79	34.08	6.46	8.05	4.2	2.946	79.3	1.8	0.4
292	9/24/2016 16:46:05	15.05	51.78	34.07	6.54	8.06	4.3	3.012	80.0	2.1	0.5
293	9/24/2016 17:01:05	14.88	51.75	34.04	6.53	8.06	4.2	3.081	79.5	2.0	0.5
294	9/24/2016 17:16:05	14.82	51.76	34.05	6.54	8.07	4.0	3.144	79.6	2.3	0.6
295	9/24/2016 17:31:05	14.67	51.75	34.04	6.62	8.07	3.9	3.207	80.4	2.1	0.5
296	9/24/2016 17:46:05	14.28	51.72	34.01	6.70	8.08	4.5	3.277	80.7	2.2	0.5
297	9/24/2016 18:01:05	14.06	51.70	33.98	6.69	8.09	4.4	3.331	80.1	1.8	0.4
298	9/24/2016 18:16:05	13.94	51.70	33.97	6.65	8.09	4.2	3.388	79.5	2.3	0.5
299	9/24/2016 18:31:05	13.79	51.71	33.98	6.67	8.09	3.8	3.436	79.5	2.4	0.6
300	9/24/2016 18:46:05	13.66	51.68	33.96	6.71	8.09	3.6	3.483	79.8	2.5	0.6
301	9/24/2016 19:01:05	13.63	51.71	33.98	6.68	8.09	2.9	3.507	79.4	2.1	0.5
302	9/24/2016 19:16:05	13.58	51.70	33.97	6.62	8.10	2.6	3.529	78.6	3.0	0.7
303	9/24/2016 19:31:05	13.45	51.71	33.96	6.30	8.09	1.8	3.541	74.5	1.7	0.4
304	9/24/2016 19:46:05	13.50	51.71	33.97	6.58	8.09	2.8	3.522	78.0	2.3	0.6
305	9/24/2016 20:01:05	13.46	51.70	33.96	6.58	8.09	2.4	3.495	77.8	1.7	0.4
306	9/24/2016 20:16:05	13.57	51.71	33.97	6.56	8.09	3.4	3.460	77.8	1.8	0.4
307	9/24/2016 20:31:05	13.85	51.72	33.99	6.54	8.09	3.1	3.398	78.1	2.0	0.5
308	9/24/2016 20:46:05	15.10	51.84	34.11	6.71	8.10	4.7	3.327	82.2	2.5	0.6
309	9/24/2016 21:01:05	14.55	51.80	34.07	6.70	8.08	5.9	3.259	81.2	2.6	0.6
310	9/24/2016 21:16:05	14.61	51.76	34.04	6.62	8.09	4.7	3.175	80.3	2.2	0.5
311	9/24/2016 21:31:05	14.89	51.80	34.08	6.81	8.10	5.4	3.084	83.0	2.2	0.5
312	9/24/2016 21:46:05	15.31	51.83	34.11	7.03	8.11	6.3	2.990	86.4	2.3	0.5
313	9/24/2016 22:01:05	15.56	51.83	34.12	7.05	8.11	5.6	2.905	87.2	2.0	0.5
314	9/24/2016 22:16:05	15.85	51.86	34.15	7.15	8.12	5.6	2.811	88.9	1.9	0.4
315	9/24/2016 22:31:06	16.09	51.88	34.16	7.17	8.12	6.9	2.718	89.6	2.8	0.7
316	9/24/2016 22:46:06	16.21	51.90	34.18	7.25	8.12	6.7	2.612	90.8	1.9	0.5
317	9/24/2016 23:01:05	16.10	51.89	34.17	7.13	8.11	6.7	2.516	89.2	2.4	0.6
318	9/24/2016 23:16:05	16.00	51.86	34.15	6.94	8.10	7.3	2.414	86.6	2.8	0.7
319	9/24/2016 23:31:05	15.98	51.86	34.15	6.83	8.09	7.3	2.300	85.1	2.6	0.6
320	9/24/2016 23:46:05	16.25	51.82	34.13	6.88	8.10	7.2	2.204	86.2	2.6	0.6
321	9/25/2016 00:01:06	16.15	51.86	34.15	6.76	8.09	6.6	2.078	84.6	2.5	0.6
322	9/25/2016 00:16:06	16.19	51.88	34.16	6.70	8.09	6.5	1.966	83.9	2.1	0.5
323	9/25/2016 00:31:06	16.25	51.86	34.15	6.87	8.10	6.1	1.874	86.1	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
324	9/25/2016 00:46:05	16.58	51.86	34.16	7.12	8.12	6.3	1.770	89.8	2.5	0.6
325	9/25/2016 01:01:05	16.75	51.90	34.19	7.27	8.14	6.1	1.682	92.1	2.0	0.5
326	9/25/2016 01:16:05	16.95	51.91	34.20	7.47	8.16	5.3	1.615	94.9	2.3	0.6
327	9/25/2016 01:31:05	17.06	51.95	34.23	7.58	8.16	5.3	1.553	96.6	2.3	0.5
328	9/25/2016 01:46:05	17.12	51.93	34.22	7.66	8.18	4.9	1.527	97.7	2.1	0.5
329	9/25/2016 02:01:05	17.41	51.97	34.25	7.98	8.21	4.2	1.503	102.3	2.4	0.6
330	9/25/2016 02:16:05	17.47	52.00	34.27	7.88	8.21	4.0	1.510	101.2	2.6	0.6
331	9/25/2016 02:31:05	17.43	51.99	34.26	8.27	8.22	3.9	1.546	106.1	2.1	0.5
332	9/25/2016 02:46:05	17.29	51.96	34.24	8.05	8.21	3.9	1.566	103.0	2.0	0.5
333	9/25/2016 03:01:05	17.39	51.97	34.25	8.24	8.22	3.9	1.620	105.7	1.3	0.3
334	9/25/2016 03:16:05	17.36	51.99	34.26	8.20	8.22	3.7	1.671	105.1	1.8	0.4
335	9/25/2016 03:31:06	17.29	51.96	34.24	8.10	8.21	4.2	1.741	103.6	2.5	0.6
336	9/25/2016 03:46:05	17.27	51.98	34.25	7.79	8.18	5.5	1.804	99.6	2.5	0.6
337	9/25/2016 04:01:06	17.32	51.94	34.23	7.53	8.15	7.0	1.850	96.4	3.0	0.7
338	9/25/2016 04:16:05	17.30	51.93	34.22	7.42	8.14	7.5	1.929	95.0	2.5	0.6
339	9/25/2016 04:31:05	17.12	51.93	34.21	7.40	8.14	6.9	2.005	94.4	2.6	0.6
340	9/25/2016 04:46:05	17.01	51.94	34.22	7.34	8.13	6.6	2.075	93.3	2.2	0.5
341	9/25/2016 05:01:05	16.92	51.92	34.21	7.28	8.13	6.2	2.137	92.4	2.9	0.7
342	9/25/2016 05:16:05	16.84	51.93	34.21	7.28	8.13	6.1	2.230	92.4	2.3	0.5
343	9/25/2016 05:31:05	16.53	51.89	34.18	7.05	8.10	6.1	2.320	88.9	2.1	0.5
344	9/25/2016 05:46:05	16.35	51.87	34.16	6.94	8.09	5.9	2.391	87.1	2.6	0.6
345	9/25/2016 06:01:05	16.19	51.86	34.16	6.84	8.08	6.1	2.473	85.6	2.7	0.6
346	9/25/2016 06:16:05	16.06	51.85	34.14	6.80	8.08	5.5	2.558	84.8	2.1	0.5
347	9/25/2016 06:31:05	15.87	51.83	34.13	6.78	8.08	5.6	2.643	84.4	2.3	0.5
348	9/25/2016 06:46:05	15.66	51.79	34.09	6.69	8.07	6.3	2.716	82.8	2.5	0.6
349	9/25/2016 07:01:05	15.52	51.78	34.08	6.63	8.07	6.1	2.788	81.9	1.9	0.5
350	9/25/2016 07:16:05	15.39	51.79	34.08	6.58	8.07	6.1	2.869	81.1	2.3	0.5
351	9/25/2016 07:31:05	15.26	51.76	34.06	6.58	8.06	7.0	2.933	80.8	2.0	0.5
352	9/25/2016 07:46:05	14.99	51.74	34.03	6.59	8.07	7.0	3.005	80.5	2.7	0.6
353	9/25/2016 08:01:05	14.68	51.71	34.01	6.61	8.08	7.0	3.063	80.2	2.0	0.5
354	9/25/2016 08:16:05	14.53	51.72	34.01	6.58	8.07	6.5	3.121	79.6	2.4	0.6
355	9/25/2016 08:31:05	14.19	51.68	33.97	6.58	8.08	4.9	3.175	79.1	1.9	0.5
356	9/25/2016 08:46:05	14.02	51.68	33.97	6.59	8.09	4.8	3.219	79.0	1.7	0.4
357	9/25/2016 09:01:05	14.00	51.67	33.96	6.56	8.09	3.8	3.244	78.5	1.7	0.4
358	9/25/2016 09:16:05	14.46	51.59	33.91	6.47	8.08	3.6	3.261	78.2	2.0	0.5
359	9/25/2016 09:31:05	14.09	51.75	34.02	6.45	8.08	3.0	3.270	77.4	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
360	9/25/2016 09:46:05	13.91	51.69	33.97	6.45	8.08	3.7	3.242	77.1	1.8	0.4
361	9/25/2016 10:01:05	14.06	51.71	33.99	6.45	8.09	4.2	3.209	77.3	1.6	0.4
362	9/25/2016 10:16:05	14.56	51.74	34.02	6.48	8.08	5.0	3.160	78.5	1.8	0.4
363	9/25/2016 10:31:05	15.16	51.86	34.13	6.74	8.08	4.9	3.101	82.7	2.0	0.5
364	9/25/2016 10:46:06	15.14	51.77	34.06	6.94	8.10	4.4	3.042	85.0	1.6	0.4
365	9/25/2016 11:01:05	15.08	51.76	34.06	7.06	8.11	4.8	2.959	86.5	1.7	0.4
366	9/25/2016 11:16:05	15.20	51.76	34.06	7.18	8.11	4.5	2.901	88.1	1.9	0.4
367	9/25/2016 11:31:05	15.43	51.77	34.07	7.22	8.12	4.5	2.824	89.0	1.9	0.4
368	9/25/2016 11:46:05	15.74	51.82	34.12	7.06	8.11	5.3	2.752	87.5	2.0	0.5
369	9/25/2016 12:01:05	15.90	51.83	34.13	7.06	8.10	4.5	2.693	87.8	2.4	0.6
370	9/25/2016 12:16:05	16.13	51.87	34.16	6.98	8.09	4.4	2.627	87.2	2.1	0.5
371	9/25/2016 12:31:05	16.33	51.91	34.19	7.03	8.10	4.6	2.563	88.2	2.3	0.5
372	9/25/2016 12:46:05	16.45	51.91	34.19	7.15	8.11	4.5	2.504	89.9	1.6	0.4
373	9/25/2016 13:01:06	16.55	51.91	34.19	7.19	8.11	3.9	2.463	90.7	2.0	0.5
374	9/25/2016 13:16:05	16.63	51.92	34.20	7.24	8.11	4.2	2.401	91.5	2.0	0.5
375	9/25/2016 13:31:05	16.71	51.93	34.21	7.33	8.12	4.2	2.346	92.7	1.4	0.3
376	9/25/2016 13:46:06	16.87	51.90	34.20	7.59	8.14	3.7	2.320	96.3	1.8	0.4
377	9/25/2016 14:01:05	16.99	51.92	34.21	7.46	8.14	2.9	2.289	94.9	1.8	0.4
378	9/25/2016 14:16:05	17.08	51.95	34.23	8.18	8.17	4.0	2.259	104.3	1.7	0.4
379	9/25/2016 14:31:05	16.89	51.85	34.16	8.45	8.18	4.2	2.251	107.2	2.1	0.5
380	9/25/2016 14:46:06	16.87	51.87	34.17	8.17	8.17	3.6	2.265	103.7	2.0	0.5
381	9/25/2016 15:01:06	17.05	51.93	34.22	7.74	8.14	3.4	2.297	98.5	2.4	0.6
382	9/25/2016 15:16:05	17.01	51.90	34.19	7.67	8.14	3.6	2.307	97.6	2.4	0.6
383	9/25/2016 15:31:06	17.05	51.89	34.19	7.63	8.13	4.3	2.351	97.2	2.0	0.5
384	9/25/2016 15:46:06	16.97	51.87	34.17	7.45	8.12	5.1	2.408	94.7	2.6	0.6
385	9/25/2016 16:01:05	17.17	51.88	34.18	7.41	8.11	5.2	2.466	94.6	2.4	0.6
386	9/25/2016 16:16:05	16.79	51.82	34.13	7.45	8.12	4.7	2.524	94.3	1.8	0.4
387	9/25/2016 16:31:06	16.54	51.82	34.13	7.40	8.11	4.5	2.581	93.3	2.2	0.5
388	9/25/2016 16:46:05	16.43	51.80	34.11	7.37	8.11	4.3	2.653	92.6	1.8	0.4
389	9/25/2016 17:01:06	16.18	51.80	34.10	7.16	8.10	4.2	2.717	89.6	2.2	0.5
390	9/25/2016 17:16:06	15.86	51.76	34.08	6.98	8.08	4.5	2.774	86.7	2.1	0.5
391	9/25/2016 17:31:05	15.67	51.75	34.06	6.88	8.08	4.0	2.840	85.2	2.1	0.5
392	9/25/2016 17:46:05	15.45	51.74	34.05	6.81	8.08	4.2	2.922	83.9	1.9	0.4
393	9/25/2016 18:01:06	15.40	51.74	34.05	6.78	8.08	4.0	2.988	83.5	2.5	0.6
394	9/25/2016 18:16:05	15.29	51.73	34.04	6.72	8.07	4.3	3.047	82.6	2.2	0.5
395	9/25/2016 18:31:05	15.07	51.72	34.02	6.74	8.07	4.0	3.124	82.5	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
396	9/25/2016 18:46:05	14.69	51.69	33.99	6.74	8.08	4.3	3.197	81.8	2.6	0.6
397	9/25/2016 19:01:05	14.43	51.67	33.97	6.74	8.08	4.5	3.258	81.3	2.2	0.5
398	9/25/2016 19:16:05	14.22	51.64	33.95	6.70	8.09	4.4	3.321	80.6	1.9	0.4
399	9/25/2016 19:31:05	13.96	51.61	33.91	6.75	8.09	3.9	3.381	80.8	2.5	0.6
400	9/25/2016 19:46:05	13.69	51.64	33.92	6.76	8.10	4.2	3.437	80.4	2.0	0.5
401	9/25/2016 20:01:05	13.49	51.64	33.91	6.74	8.10	3.7	3.473	79.8	2.2	0.5
402	9/25/2016 20:16:05	13.41	51.61	33.89	6.74	8.11	3.6	3.510	79.7	2.8	0.7
403	9/25/2016 20:31:05	13.34	51.64	33.91	6.68	8.10	4.2	3.535	78.8	2.3	0.5
404	9/25/2016 20:46:05	13.40	51.60	33.89	6.55	8.10	2.6	3.539	77.4	3.0	0.7
405	9/25/2016 21:01:05	13.36	51.65	33.92	6.57	8.09	2.6	3.518	77.6	1.9	0.4
406	9/25/2016 21:16:05	13.39	51.66	33.92	6.60	8.10	3.1	3.484	78.1	2.5	0.6
407	9/25/2016 21:31:05	13.59	51.66	33.94	6.59	8.09	3.0	3.440	78.2	1.7	0.4
408	9/25/2016 21:46:05	14.30	51.69	33.98	6.56	8.09	3.7	3.377	79.0	2.0	0.5
409	9/25/2016 22:01:05	15.12	51.75	34.05	6.52	8.10	4.7	3.299	79.8	2.2	0.5
410	9/25/2016 22:16:05	14.73	51.71	34.01	6.83	8.10	6.5	3.207	83.0	2.7	0.6
411	9/25/2016 22:31:05	14.80	51.69	34.00	6.88	8.11	5.9	3.119	83.7	2.3	0.5
412	9/25/2016 22:46:06	15.15	51.70	34.01	6.97	8.12	6.4	3.033	85.5	2.1	0.5
413	9/25/2016 23:01:06	15.29	51.73	34.04	6.93	8.11	6.4	2.935	85.1	2.5	0.6
414	9/25/2016 23:16:05	15.52	51.74	34.05	6.90	8.10	6.5	2.840	85.2	2.6	0.6
415	9/25/2016 23:31:06	15.98	51.78	34.09	7.05	8.12	6.1	2.742	87.8	2.2	0.5
416	9/25/2016 23:46:05	16.27	51.80	34.11	7.17	8.12	7.0	2.651	89.9	2.4	0.6
417	9/26/2016 00:01:06	16.39	51.80	34.11	7.15	8.11	7.0	2.544	89.8	2.0	0.5
418	9/26/2016 00:16:05	16.50	51.80	34.12	7.25	8.12	7.4	2.437	91.3	2.3	0.5
419	9/26/2016 00:31:05	16.57	51.81	34.12	7.12	8.11	7.0	2.349	89.7	2.3	0.5
420	9/26/2016 00:46:05	16.56	51.82	34.13	6.93	8.10	6.5	2.226	87.3	2.0	0.5
421	9/26/2016 01:01:05	16.54	51.81	34.12	6.79	8.11	8.1	2.108	85.6	2.4	0.6
422	9/26/2016 01:16:05	16.62	51.83	34.14	7.03	8.12	7.5	2.008	88.8	2.2	0.5
423	9/26/2016 01:31:05	16.80	51.84	34.15	7.16	8.13	6.7	1.892	90.7	2.4	0.6
424	9/26/2016 01:46:05	16.99	51.85	34.15	7.24	8.15	6.7	1.787	92.1	2.4	0.6
425	9/26/2016 02:01:05	17.05	51.87	34.18	7.44	8.16	6.1	1.692	94.7	2.0	0.5
426	9/26/2016 02:16:05	17.23	51.92	34.21	7.53	8.17	5.9	1.628	96.2	2.4	0.6
427	9/26/2016 02:31:05	17.39	51.87	34.17	7.69	8.18	5.8	1.566	98.5	2.0	0.5
428	9/26/2016 02:46:05	17.53	51.95	34.23	7.93	8.21	5.4	1.520	102.0	2.0	0.5
429	9/26/2016 03:01:05	17.70	51.93	34.22	8.11	8.22	4.7	1.491	104.5	2.3	0.5
430	9/26/2016 03:16:06	17.75	51.91	34.21	8.17	8.23	4.8	1.489	105.4	2.2	0.5
431	9/26/2016 03:31:05	17.86	51.93	34.22	8.42	8.24	4.2	1.513	108.9	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
432	9/26/2016 03:46:05	17.80	51.93	34.23	8.36	8.24	4.4	1.525	108.0	2.3	0.5
433	9/26/2016 04:01:05	17.77	51.90	34.20	8.32	8.23	4.4	1.584	107.4	1.8	0.4
434	9/26/2016 04:16:05	17.80	51.91	34.21	8.36	8.23	4.4	1.647	108.0	1.6	0.4
435	9/26/2016 04:31:05	17.74	51.86	34.18	8.29	8.23	4.9	1.720	106.9	1.8	0.4
436	9/26/2016 04:46:05	17.66	51.91	34.21	8.03	8.20	5.5	1.789	103.4	2.1	0.5
437	9/26/2016 05:01:05	17.68	51.89	34.19	7.68	8.18	6.8	1.857	99.0	2.4	0.6
438	9/26/2016 05:16:05	17.70	51.85	34.16	7.40	8.16	7.7	1.944	95.3	2.5	0.6
439	9/26/2016 05:31:06	17.43	51.86	34.17	7.45	8.16	7.2	2.022	95.6	2.5	0.6
440	9/26/2016 05:46:05	17.29	51.82	34.14	7.41	8.15	6.2	2.107	94.7	2.4	0.6
441	9/26/2016 06:01:05	17.22	51.85	34.16	7.37	8.16	6.1	2.180	94.1	1.9	0.4
442	9/26/2016 06:16:06	16.93	51.83	34.14	7.20	8.13	5.6	2.277	91.4	2.4	0.6
443	9/26/2016 06:31:06	16.67	51.82	34.13	7.06	8.11	5.5	2.362	89.2	2.2	0.5
444	9/26/2016 06:46:05	16.47	51.78	34.10	6.92	8.09	5.6	2.449	87.1	2.5	0.6
445	9/26/2016 07:01:05	16.32	51.77	34.09	6.84	8.09	6.1	2.542	85.8	2.0	0.5
446	9/26/2016 07:16:06	16.09	51.77	34.08	6.73	8.08	6.2	2.618	84.1	2.3	0.6
447	9/26/2016 07:31:06	15.86	51.74	34.05	6.67	8.08	8.2	2.713	82.9	2.3	0.5
448	9/26/2016 07:46:05	15.68	51.73	34.05	6.60	8.07	6.3	2.792	81.8	2.0	0.5
449	9/26/2016 08:01:05	15.57	51.73	34.04	6.56	8.07	6.8	2.868	81.1	2.2	0.5
450	9/26/2016 08:16:05	15.36	51.69	34.01	6.53	8.08	7.0	2.953	80.4	1.9	0.5
451	9/26/2016 08:31:05	14.87	51.67	33.98	6.50	8.07	7.6	3.029	79.1	2.2	0.5
452	9/26/2016 08:46:05	14.57	51.65	33.96	6.42	8.07	7.0	3.113	77.7	1.8	0.4
453	9/26/2016 09:01:05	14.28	51.62	33.93	6.38	8.07	6.7	3.178	76.8	2.1	0.5
454	9/26/2016 09:16:05	13.95	51.61	33.91	6.42	8.08	6.9	3.250	76.8	2.3	0.5
455	9/26/2016 09:31:05	13.71	51.60	33.90	6.54	8.09	5.7	3.309	77.7	1.5	0.4
456	9/26/2016 09:46:05	13.53	51.59	33.88	6.63	8.10	4.2	3.353	78.6	1.9	0.4
457	9/26/2016 10:01:05	13.47	51.58	33.87	6.64	8.11	3.7	3.386	78.5	1.9	0.4
458	9/26/2016 10:16:05	13.80	51.59	33.89	6.57	8.10	3.5	3.398	78.3	1.8	0.4
459	9/26/2016 10:31:05	13.43	51.60	33.89	6.58	8.10	3.6	3.398	77.8	2.0	0.5
460	9/26/2016 10:46:05	13.56	51.58	33.87	6.56	8.10	4.8	3.362	77.8	1.9	0.4
461	9/26/2016 11:01:05	14.26	51.60	33.91	6.59	8.10	4.8	3.320	79.2	1.3	0.3
462	9/26/2016 11:16:05	14.62	51.71	34.00	6.72	8.09	5.2	3.266	81.5	2.1	0.5
463	9/26/2016 11:31:06	14.91	51.67	33.99	7.04	8.11	6.0	3.191	85.8	2.0	0.5
464	9/26/2016 11:46:06	14.83	51.65	33.96	7.14	8.12	6.4	3.120	86.9	1.8	0.4
465	9/26/2016 12:01:05	14.99	51.64	33.96	7.13	8.12	4.8	3.035	87.1	1.9	0.4
466	9/26/2016 12:16:05	15.32	51.68	34.00	7.19	8.12	5.2	2.953	88.4	2.3	0.5
467	9/26/2016 12:31:05	15.75	51.71	34.03	7.11	8.12	5.9	2.873	88.2	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
468	9/26/2016 12:46:05	15.98	51.75	34.07	7.11	8.12	4.3	2.797	88.6	2.2	0.5
469	9/26/2016 13:01:05	16.34	51.77	34.09	7.37	8.13	4.7	2.724	92.5	1.9	0.4
470	9/26/2016 13:16:06	16.59	51.78	34.10	7.50	8.14	5.0	2.648	94.6	2.1	0.5
471	9/26/2016 13:31:05	16.78	51.80	34.12	7.63	8.15	4.7	2.575	96.5	1.5	0.4
472	9/26/2016 13:46:05	17.08	51.81	34.13	7.96	8.17	4.7	2.500	101.3	2.0	0.5
473	9/26/2016 14:01:05	17.15	51.80	34.12	8.50	8.21	4.3	2.444	108.3	1.9	0.4
474	9/26/2016 14:16:05	17.41	51.82	34.14	8.31	8.20	4.7	2.375	106.4	2.3	0.5
475	9/26/2016 14:31:06	17.55	51.85	34.16	8.42	8.21	4.5	2.304	108.2	1.9	0.4
476	9/26/2016 14:46:05	17.66	51.86	34.17	8.36	8.21	4.7	2.267	107.6	1.6	0.4
477	9/26/2016 15:01:05	17.76	51.87	34.18	8.42	8.21	4.1	2.229	108.6	1.8	0.4
478	9/26/2016 15:16:05	17.78	51.87	34.18	8.29	8.21	3.9	2.193	107.0	1.4	0.3
479	9/26/2016 15:31:05	17.80	51.87	34.18	8.34	8.21	3.7	2.167	107.7	2.4	0.6
480	9/26/2016 15:46:05	17.63	51.81	34.13	9.08	8.25	3.7	2.177	116.9	2.0	0.5
481	9/26/2016 16:01:05	17.69	51.83	34.15	8.57	8.22	4.2	2.193	110.4	1.9	0.5
482	9/26/2016 16:16:05	17.64	51.83	34.15	8.46	8.21	4.3	2.210	108.9	2.0	0.5
483	9/26/2016 16:31:06	17.70	51.83	34.15	8.32	8.20	4.8	2.254	107.2	2.7	0.6
484	9/26/2016 16:46:05	17.76	51.84	34.16	8.24	8.19	5.0	2.313	106.3	2.3	0.5
485	9/26/2016 17:01:05	17.57	51.83	34.15	8.02	8.18	5.2	2.378	103.2	2.5	0.6
486	9/26/2016 17:16:06	17.51	51.81	34.13	7.94	8.17	5.2	2.446	101.9	2.4	0.6
487	9/26/2016 17:31:06	17.35	51.78	34.11	7.92	8.16	5.6	2.515	101.4	2.1	0.5
488	9/26/2016 17:46:05	17.10	51.76	34.09	7.82	8.15	4.8	2.588	99.6	2.2	0.5
489	9/26/2016 18:01:05	16.93	51.73	34.07	7.72	8.15	4.8	2.656	97.9	2.3	0.5
490	9/26/2016 18:16:05	16.68	51.72	34.05	7.47	8.12	5.4	2.729	94.3	2.3	0.5
491	9/26/2016 18:31:06	16.10	51.71	34.04	7.05	8.10	5.2	2.793	88.0	2.1	0.5
492	9/26/2016 18:46:05	15.88	51.70	34.03	6.94	8.09	5.0	2.869	86.2	1.9	0.4
493	9/26/2016 19:01:06	15.73	51.68	34.01	6.92	8.09	4.6	2.943	85.8	2.2	0.5
494	9/26/2016 19:16:05	15.64	51.69	34.02	6.87	8.09	5.4	3.020	85.0	2.7	0.6
495	9/26/2016 19:31:05	15.43	51.66	33.99	6.86	8.09	5.2	3.090	84.5	2.8	0.7
496	9/26/2016 19:46:05	15.09	51.65	33.97	6.83	8.09	5.6	3.168	83.5	2.5	0.6
497	9/26/2016 20:01:05	14.83	51.64	33.96	6.81	8.09	4.8	3.247	82.9	2.6	0.6
498	9/26/2016 20:16:05	14.60	51.63	33.95	6.80	8.09	5.6	3.317	82.3	2.9	0.7
499	9/26/2016 20:31:05	14.22	51.60	33.91	6.74	8.10	5.7	3.388	81.0	2.7	0.6
500	9/26/2016 20:46:05	13.91	51.60	33.91	6.66	8.09	4.5	3.449	79.6	2.7	0.6
501	9/26/2016 21:01:05	13.70	51.61	33.90	6.59	8.09	4.8	3.503	78.4	2.7	0.6
502	9/26/2016 21:16:05	13.66	51.64	33.92	6.57	8.10	3.9	3.540	78.1	2.4	0.6
503	9/26/2016 21:31:05	13.53	51.59	33.88	6.52	8.10	3.5	3.573	77.2	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
504	9/26/2016 21:46:05	13.77	51.37	33.73	6.43	8.09	2.6	3.583	76.5	2.6	0.6
505	9/26/2016 22:01:05	13.46	51.64	33.91	6.38	8.09	3.2	3.580	75.5	2.1	0.5
506	9/26/2016 22:16:05	13.46	51.62	33.90	6.44	8.09	3.6	3.563	76.2	2.4	0.6
507	9/26/2016 22:31:05	13.57	51.66	33.93	6.41	8.09	3.7	3.505	76.1	1.8	0.4
508	9/26/2016 22:46:05	14.17	51.72	34.00	6.52	8.09	3.7	3.441	78.3	2.1	0.5
509	9/26/2016 23:01:05	15.28	51.74	34.05	6.49	8.09	5.5	3.373	79.7	3.0	0.7
510	9/26/2016 23:16:05	14.75	51.64	33.96	6.56	8.09	4.6	3.289	79.8	2.6	0.6
511	9/26/2016 23:31:05	14.53	51.68	33.98	6.67	8.09	5.1	3.190	80.7	2.5	0.6
512	9/26/2016 23:46:05	14.74	51.62	33.94	6.70	8.08	5.0	3.086	81.4	2.9	0.7
513	9/27/2016 00:01:05	15.51	51.68	34.01	6.92	8.11	5.9	2.994	85.4	2.5	0.6
514	9/27/2016 00:16:06	15.78	51.72	34.04	6.93	8.11	6.1	2.894	85.9	2.6	0.6
515	9/27/2016 00:31:06	16.17	51.75	34.07	6.99	8.11	6.4	2.788	87.4	2.1	0.5
516	9/27/2016 00:46:06	16.45	51.77	34.09	7.05	8.11	6.4	2.685	88.6	9.1	2.2
517	9/27/2016 01:01:05	16.55	51.76	34.08	7.20	8.12	7.2	2.584	90.7	2.6	0.6
518	9/27/2016 01:16:05	16.71	51.75	34.08	7.30	8.13	7.0	2.477	92.3	1.9	0.4
519	9/27/2016 01:31:05	16.83	51.77	34.09	7.28	8.13	7.9	2.355	92.3	2.5	0.6
520	9/27/2016 01:46:05	16.92	51.79	34.11	7.20	8.13	7.6	2.244	91.4	2.3	0.5
521	9/27/2016 02:01:06	16.71	51.71	34.05	6.95	8.10	7.5	2.126	87.8	2.8	0.7
522	9/27/2016 02:16:05	16.82	51.77	34.10	6.99	8.11	7.4	2.010	88.6	2.5	0.6
523	9/27/2016 02:31:05	17.09	51.82	34.14	7.09	8.13	6.7	1.903	90.4	2.3	0.6
524	9/27/2016 02:46:05	17.31	51.83	34.15	7.28	8.15	6.7	1.796	93.2	2.4	0.6
525	9/27/2016 03:01:05	17.38	51.84	34.15	7.30	8.16	6.4	1.703	93.5	2.0	0.5
526	9/27/2016 03:16:05	17.64	51.86	34.17	7.60	8.18	5.9	1.619	97.8	2.6	0.6
527	9/27/2016 03:31:05	17.76	51.89	34.20	7.66	8.19	5.5	1.565	98.8	1.9	0.5
528	9/27/2016 03:46:05	17.87	51.88	34.19	7.75	8.20	5.7	1.514	100.2	2.6	0.6
529	9/27/2016 04:01:06	18.11	51.90	34.21	8.02	8.23	5.0	1.488	104.3	2.2	0.5
530	9/27/2016 04:16:05	18.26	51.88	34.19	8.01	8.24	4.0	1.510	104.4	1.5	0.4
531	9/27/2016 04:31:05	18.08	51.91	34.21	8.12	8.23	4.7	1.515	105.4	2.0	0.5
532	9/27/2016 04:46:05	18.01	51.92	34.21	8.06	8.23	4.3	1.576	104.5	2.2	0.5
533	9/27/2016 05:01:05	18.14	51.94	34.23	8.25	8.24	4.2	1.633	107.3	2.0	0.5
534	9/27/2016 05:16:05	18.05	51.93	34.22	8.14	8.24	4.5	1.703	105.7	2.5	0.6
535	9/27/2016 05:31:05	17.98	51.91	34.21	7.97	8.22	5.3	1.787	103.3	2.0	0.5
536	9/27/2016 05:46:05	18.07	51.88	34.19	7.50	8.18	7.4	1.871	97.4	2.6	0.6
537	9/27/2016 06:01:05	17.91	51.89	34.19	7.41	8.17	7.6	1.949	95.9	3.0	0.7
538	9/27/2016 06:16:05	17.77	51.88	34.19	7.40	8.17	6.7	2.029	95.5	2.4	0.6
539	9/27/2016 06:31:05	17.67	51.88	34.19	7.36	8.16	7.1	2.126	94.8	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
540	9/27/2016 06:46:05	17.59	51.89	34.19	7.38	8.17	6.6	2.210	95.0	2.5	0.6
541	9/27/2016 07:01:05	17.25	51.83	34.14	7.20	8.14	6.1	2.297	91.9	2.2	0.5
542	9/27/2016 07:16:05	17.01	51.82	34.13	7.06	8.12	6.3	2.386	89.8	2.6	0.6
543	9/27/2016 07:31:06	16.85	51.81	34.12	6.93	8.11	5.9	2.480	87.9	2.6	0.6
544	9/27/2016 07:46:05	16.62	51.78	34.10	6.83	8.10	6.8	2.572	86.2	1.8	0.4
545	9/27/2016 08:01:05	16.39	51.76	34.08	6.72	8.09	6.8	2.651	84.5	2.1	0.5
546	9/27/2016 08:16:06	16.08	51.74	34.07	6.65	8.09	7.3	2.740	83.0	2.3	0.6
547	9/27/2016 08:31:06	15.94	51.73	34.05	6.60	8.08	7.8	2.830	82.2	2.3	0.5
548	9/27/2016 08:46:05	15.77	51.70	34.03	6.57	8.08	8.9	2.913	81.4	1.8	0.4
549	9/27/2016 09:01:05	15.41	51.66	33.99	6.52	8.07	9.7	2.999	80.2	2.5	0.6
550	9/27/2016 09:16:05	15.04	51.66	33.98	6.45	8.07	7.9	3.080	78.8	2.4	0.6
551	9/27/2016 09:31:05	14.57	51.64	33.95	6.37	8.07	8.4	3.161	77.1	2.0	0.5
552	9/27/2016 09:46:05	14.19	51.60	33.91	6.32	8.07	8.1	3.242	75.9	2.2	0.5
553	9/27/2016 10:01:05	13.97	51.60	33.90	6.30	8.08	9.4	3.314	75.4	2.4	0.6
554	9/27/2016 10:16:05	13.80	51.60	33.90	6.28	8.08	6.1	3.369	74.8	2.6	0.6
555	9/27/2016 10:31:05	13.65	51.63	33.91	6.27	8.08	5.6	3.426	74.5	2.1	0.5
556	9/27/2016 10:46:05	13.61	51.63	33.91	6.23	8.08	4.5	3.462	74.0	2.3	0.6
557	9/27/2016 11:01:05	13.59	51.58	33.88	6.07	8.08	2.5	3.467	72.0	1.7	0.4
558	9/27/2016 11:16:05	13.58	51.63	33.91	6.12	8.08	3.7	3.467	72.6	2.2	0.5
559	9/27/2016 11:31:05	13.61	51.62	33.91	6.13	8.08	3.9	3.443	72.8	2.1	0.5
560	9/27/2016 11:46:05	13.67	51.65	33.93	6.14	8.08	5.0	3.392	73.0	3.0	0.7
561	9/27/2016 12:01:05	14.30	51.66	33.96	6.31	8.09	5.3	3.329	76.0	1.9	0.4
562	9/27/2016 12:16:06	14.69	51.67	33.98	6.81	8.11	6.6	3.247	82.7	2.4	0.6
563	9/27/2016 12:31:06	14.65	51.67	33.97	6.93	8.12	5.6	3.163	84.0	2.5	0.6
564	9/27/2016 12:46:05	14.74	51.67	33.98	7.03	8.13	5.1	3.072	85.5	2.1	0.5
565	9/27/2016 13:01:05	15.17	51.71	34.02	6.99	8.13	5.7	2.979	85.7	1.9	0.4
566	9/27/2016 13:16:05	15.56	51.71	34.03	7.08	8.13	5.2	2.888	87.5	2.0	0.5
567	9/27/2016 13:31:05	16.12	51.76	34.07	7.03	8.12	6.3	2.798	87.9	2.1	0.5
568	9/27/2016 13:46:05	16.43	51.77	34.09	7.18	8.13	5.9	2.720	90.2	2.0	0.5
569	9/27/2016 14:01:05	16.61	51.78	34.10	7.12	8.13	6.7	2.626	89.8	2.5	0.6
570	9/27/2016 14:16:06	16.85	51.80	34.12	7.60	8.16	5.2	2.539	96.3	2.2	0.5
571	9/27/2016 14:31:06	17.03	51.82	34.13	7.66	8.17	5.4	2.464	97.5	1.7	0.4
572	9/27/2016 14:46:05	17.16	51.80	34.12	7.74	8.17	4.9	2.381	98.7	2.2	0.5
573	9/27/2016 15:01:05	17.43	51.81	34.14	8.02	8.20	5.2	2.301	102.8	2.0	0.5
574	9/27/2016 15:16:05	17.53	51.84	34.16	8.08	8.21	5.0	2.229	103.7	2.1	0.5
575	9/27/2016 15:31:05	17.67	51.84	34.16	8.47	8.23	4.7	2.161	109.0	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
576	9/27/2016 15:46:05	17.72	51.85	34.16	8.50	8.23	4.8	2.096	109.6	1.9	0.5
577	9/27/2016 16:01:06	17.82	51.85	34.17	8.56	8.24	4.5	2.049	110.6	1.5	0.3
578	9/27/2016 16:16:06	17.90	51.83	34.15	8.51	8.24	3.5	2.032	110.1	1.9	0.4
579	9/27/2016 16:31:05	17.65	51.79	34.12	9.46	8.29	3.7	2.012	121.7	2.0	0.5
580	9/27/2016 16:46:05	17.85	51.79	34.12	9.09	8.27	3.9	2.013	117.5	2.6	0.6
581	9/27/2016 17:01:05	17.80	51.80	34.13	8.81	8.25	4.3	2.047	113.7	2.1	0.5
582	9/27/2016 17:16:06	17.94	51.85	34.17	8.44	8.23	4.5	2.085	109.3	2.5	0.6
583	9/27/2016 17:31:05	18.14	51.87	34.18	8.28	8.22	5.0	2.142	107.6	2.2	0.5
584	9/27/2016 17:46:05	18.02	51.86	34.18	8.16	8.21	5.3	2.212	105.8	2.5	0.6
585	9/27/2016 18:01:05	18.09	51.86	34.17	7.94	8.19	6.5	2.291	103.1	3.0	0.7
586	9/27/2016 18:16:05	17.89	51.84	34.16	7.86	8.18	7.6	2.374	101.7	2.7	0.6
587	9/27/2016 18:31:06	17.50	51.80	34.13	7.76	8.17	6.4	2.449	99.7	2.5	0.6
588	9/27/2016 18:46:06	17.37	51.79	34.12	7.69	8.17	5.7	2.531	98.5	3.0	0.7
589	9/27/2016 19:01:05	16.97	51.76	34.09	7.39	8.14	5.6	2.611	93.8	2.5	0.6
590	9/27/2016 19:16:06	16.55	51.71	34.05	7.02	8.11	5.9	2.688	88.4	2.8	0.7
591	9/27/2016 19:31:05	16.34	51.72	34.05	6.90	8.10	5.5	2.766	86.6	2.8	0.7
592	9/27/2016 19:46:05	16.12	51.72	34.05	6.81	8.10	6.2	2.842	85.1	2.5	0.6
593	9/27/2016 20:01:05	15.90	51.71	34.03	6.73	8.10	6.5	2.924	83.7	2.9	0.7
594	9/27/2016 20:16:05	15.64	51.68	34.01	6.61	8.09	5.9	3.006	81.8	2.8	0.7
595	9/27/2016 20:31:05	15.28	51.66	33.99	6.58	8.09	5.8	3.082	80.8	2.8	0.7
596	9/27/2016 20:46:05	15.10	51.65	33.98	6.56	8.09	6.2	3.164	80.3	2.7	0.6
597	9/27/2016 21:01:05	14.86	51.62	33.95	6.60	8.09	6.8	3.251	80.4	3.1	0.7
598	9/27/2016 21:16:05	14.51	51.59	33.91	6.55	8.10	6.9	3.325	79.2	2.5	0.6
599	9/27/2016 21:31:05	14.12	51.61	33.92	6.53	8.11	5.7	3.400	78.3	3.3	0.8
600	9/27/2016 21:46:05	13.85	51.60	33.90	6.56	8.11	5.8	3.466	78.3	3.1	0.7
601	9/27/2016 22:01:05	13.64	51.61	33.90	6.52	8.11	4.5	3.521	77.5	2.7	0.6
602	9/27/2016 22:16:05	13.47	51.58	33.88	6.52	8.12	4.2	3.568	77.1	3.0	0.7
603	9/27/2016 22:31:05	13.31	51.58	33.87	6.52	8.12	3.7	3.595	76.9	2.6	0.6
604	9/27/2016 22:46:05	13.80	51.45	33.79	6.45	8.12	2.9	3.614	76.8	3.4	0.8
605	9/27/2016 23:01:05	13.33	51.61	33.89	6.42	8.12	3.7	3.603	75.8	2.3	0.5
606	9/27/2016 23:16:05	13.27	51.60	33.88	6.47	8.12	4.0	3.575	76.3	3.1	0.7
607	9/27/2016 23:31:05	13.47	51.63	33.91	6.42	8.12	3.9	3.525	76.0	2.4	0.6
608	9/27/2016 23:46:05	14.81	51.75	34.04	6.40	8.11	4.4	3.456	77.9	2.2	0.5
609	9/28/2016 00:01:05	14.99	51.73	34.03	6.47	8.11	8.0	3.370	79.1	2.2	0.5
610	9/28/2016 00:16:05	14.38	51.66	33.96	6.42	8.10	6.5	3.280	77.5	2.6	0.6
611	9/28/2016 00:31:05	14.73	51.65	33.97	6.46	8.11	6.1	3.184	78.5	2.9	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	Fluorescence %FS
612	9/28/2016 00:46:05	15.12	51.68	34.00	6.60	8.11	6.1	3.079	80.8	2.5	0.6
613	9/28/2016 01:01:05	15.48	51.69	34.01	6.67	8.11	7.7	2.974	82.2	2.5	0.6
614	9/28/2016 01:16:05	15.75	51.70	34.02	6.66	8.10	7.0	2.865	82.6	2.4	0.6
615	9/28/2016 01:31:05	16.10	51.75	34.07	6.70	8.11	6.6	2.768	83.6	2.0	0.5
616	9/28/2016 01:46:05	16.30	51.77	34.09	6.75	8.11	7.1	2.655	84.7	2.0	0.5
617	9/28/2016 02:01:05	16.47	51.77	34.09	6.95	8.12	7.2	2.543	87.4	1.8	0.4
618	9/28/2016 02:16:05	16.67	51.79	34.10	6.92	8.12	7.3	2.439	87.4	2.5	0.6
619	9/28/2016 02:31:05	16.79	51.79	34.11	7.00	8.13	7.2	2.324	88.6	1.9	0.5
620	9/28/2016 02:46:05	16.76	51.79	34.11	6.96	8.13	8.2	2.207	88.1	2.5	0.6
621	9/28/2016 03:01:05	16.85	51.80	34.12	6.93	8.13	7.2	2.091	87.9	2.2	0.5
622	9/28/2016 03:16:06	16.84	51.81	34.13	6.87	8.13	7.1	1.975	87.1	2.0	0.5
623	9/28/2016 03:31:06	16.99	51.81	34.13	6.92	8.14	7.1	1.869	88.0	2.3	0.6
624	9/28/2016 03:46:05	16.96	51.82	34.14	6.88	8.13	7.1	1.772	87.5	2.4	0.6
625	9/28/2016 04:01:05	17.17	51.86	34.16	6.97	8.14	6.5	1.693	89.0	2.5	0.6
626	9/28/2016 04:16:05	17.40	51.86	34.17	7.19	8.16	6.4	1.617	92.1	2.8	0.7
627	9/28/2016 04:31:06	17.64	51.90	34.20	7.33	8.18	6.5	1.568	94.3	2.5	0.6
628	9/28/2016 04:46:06	17.79	51.91	34.21	7.47	8.20	5.7	1.543	96.5	2.4	0.6
629	9/28/2016 05:01:05	17.93	51.94	34.23	7.47	8.21	4.7	1.533	96.7	2.2	0.5
630	9/28/2016 05:16:05	17.89	51.93	34.22	7.68	8.21	5.0	1.558	99.4	2.3	0.5
631	9/28/2016 05:31:05	17.84	51.93	34.22	7.65	8.21	4.5	1.601	98.9	2.3	0.5
632	9/28/2016 05:46:05	17.88	51.93	34.23	7.65	8.22	4.4	1.656	99.0	1.8	0.4
633	9/28/2016 06:01:05	17.82	51.92	34.22	7.58	8.21	5.0	1.735	98.0	2.0	0.5
634	9/28/2016 06:16:05	17.68	51.90	34.20	7.44	8.19	5.6	1.825	95.8	2.1	0.5
635	9/28/2016 06:31:05	17.68	51.89	34.19	7.21	8.18	7.2	1.905	93.0	1.7	0.4
636	9/28/2016 06:46:05	17.63	51.89	34.19	7.11	8.17	7.6	1.989	91.5	2.4	0.6
637	9/28/2016 07:01:05	17.40	51.87	34.18	7.08	8.16	6.3	2.091	90.7	2.4	0.6
638	9/28/2016 07:16:05	17.35	51.85	34.16	7.03	8.16	6.7	2.179	90.0	2.4	0.6
639	9/28/2016 07:31:05	17.31	51.86	34.17	7.03	8.16	6.6	2.269	89.9	2.4	0.6
640	9/28/2016 07:46:05	17.14	51.81	34.13	6.93	8.15	6.5	2.364	88.4	1.9	0.4
641	9/28/2016 08:01:05	16.81	51.76	34.09	6.79	8.12	6.4	2.456	86.0	2.0	0.5
642	9/28/2016 08:16:05	16.64	51.76	34.09	6.67	8.11	7.2	2.555	84.2	2.4	0.6
643	9/28/2016 08:31:06	16.37	51.71	34.04	6.59	8.10	7.3	2.639	82.7	1.7	0.4
644	9/28/2016 08:46:05	16.08	51.72	34.04	6.49	8.09	8.2	2.724	81.1	1.2	0.3
645	9/28/2016 09:01:06	15.88	51.70	34.03	6.47	8.09	8.0	2.818	80.4	2.3	0.5
646	9/28/2016 09:16:05	15.75	51.69	34.02	6.44	8.09	8.0	2.908	79.9	1.9	0.4
647	9/28/2016 09:31:05	15.41	51.66	33.99	6.43	8.08	9.1	2.993	79.2	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
648	9/28/2016 09:46:05	15.04	51.61	33.95	6.43	8.09	8.7	3.083	78.6	2.2	0.5
649	9/28/2016 10:01:05	14.51	51.61	33.93	6.44	8.08	9.2	3.177	77.8	2.5	0.6
650	9/28/2016 10:16:05	14.13	51.58	33.90	6.40	8.09	8.9	3.259	76.8	2.9	0.7
651	9/28/2016 10:31:05	13.93	51.59	33.89	6.41	8.10	8.9	3.333	76.6	2.4	0.6
652	9/28/2016 10:46:05	13.79	51.62	33.91	6.40	8.10	8.1	3.401	76.3	2.4	0.6
653	9/28/2016 11:01:05	13.78	51.56	33.87	6.41	8.10	6.4	3.469	76.3	3.0	0.7
654	9/28/2016 11:16:05	13.47	51.58	33.87	6.43	8.11	5.3	3.512	76.1	2.6	0.6
655	9/28/2016 11:31:05	13.40	51.59	33.88	6.34	8.11	4.7	3.528	74.9	2.1	0.5
656	9/28/2016 11:46:05	13.79	51.49	33.82	6.29	8.11	4.3	3.547	74.9	2.2	0.5
657	9/28/2016 12:01:05	13.32	51.60	33.88	6.31	8.11	3.7	3.533	74.5	2.1	0.5
658	9/28/2016 12:16:05	13.39	51.60	33.88	6.31	8.11	5.8	3.484	74.6	1.8	0.4
659	9/28/2016 12:31:05	13.69	51.63	33.92	6.39	8.11	5.8	3.420	76.0	2.1	0.5
660	9/28/2016 12:46:05	14.10	51.64	33.94	6.66	8.11	7.3	3.357	79.9	1.5	0.4
661	9/28/2016 13:01:05	14.12	51.63	33.93	6.93	8.14	5.9	3.266	83.2	2.6	0.6
662	9/28/2016 13:16:05	14.38	51.61	33.93	6.92	8.14	6.4	3.164	83.5	3.0	0.7
663	9/28/2016 13:31:05	14.81	51.66	33.97	6.79	8.13	7.5	3.075	82.6	2.9	0.7
664	9/28/2016 13:46:05	15.13	51.60	33.94	6.89	8.12	6.3	2.970	84.4	2.1	0.5
665	9/28/2016 14:01:05	15.52	51.71	34.03	6.95	8.12	5.5	2.879	85.7	2.3	0.6
666	9/28/2016 14:16:05	15.67	51.73	34.05	7.09	8.14	5.8	2.777	87.8	2.0	0.5
667	9/28/2016 14:31:05	16.20	51.76	34.08	6.89	8.12	6.5	2.682	86.3	2.3	0.6
668	9/28/2016 14:46:05	16.35	51.78	34.09	7.07	8.14	5.7	2.586	88.7	2.2	0.5
669	9/28/2016 15:01:05	16.40	51.72	34.05	7.14	8.14	5.3	2.490	89.6	2.3	0.5
670	9/28/2016 15:16:05	16.65	51.79	34.11	7.24	8.15	6.4	2.399	91.4	1.9	0.5
671	9/28/2016 15:31:05	16.71	51.80	34.12	7.46	8.17	6.4	2.304	94.3	1.9	0.5
672	9/28/2016 15:46:05	16.73	51.74	34.08	7.56	8.18	5.4	2.219	95.5	2.1	0.5
673	9/28/2016 16:01:05	16.67	51.79	34.11	7.67	8.20	5.4	2.130	96.9	2.0	0.5
674	9/28/2016 16:16:05	16.58	51.77	34.09	8.10	8.24	4.8	2.050	102.2	1.9	0.5
675	9/28/2016 16:31:06	16.68	51.80	34.11	8.11	8.23	4.7	1.988	102.5	2.3	0.5
676	9/28/2016 16:46:05	16.81	51.82	34.14	8.15	8.24	4.9	1.931	103.3	2.5	0.6
677	9/28/2016 17:01:05	17.13	51.81	34.13	8.03	8.24	4.8	1.900	102.4	2.8	0.7
678	9/28/2016 17:16:05	17.31	51.89	34.19	7.90	8.23	4.3	1.886	101.1	2.7	0.6
679	9/28/2016 17:31:06	17.49	51.84	34.15	7.77	8.23	4.5	1.889	99.8	2.4	0.6
680	9/28/2016 17:46:05	17.54	51.92	34.21	7.76	8.21	4.2	1.928	99.7	2.4	0.6
681	9/28/2016 18:01:05	17.40	51.89	34.19	7.59	8.20	4.3	1.962	97.3	2.8	0.7
682	9/28/2016 18:16:05	17.49	51.89	34.19	7.50	8.19	4.8	2.029	96.3	2.7	0.6
683	9/28/2016 18:31:05	17.37	51.87	34.18	7.40	8.18	6.2	2.110	94.7	2.7	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	Fluorescence %FS
684	9/28/2016 18:46:05	17.23	51.82	34.14	7.31	8.17	6.5	2.194	93.3	2.6	0.6
685	9/28/2016 19:01:05	17.04	51.83	34.14	7.25	8.16	6.7	2.277	92.3	2.5	0.6
686	9/28/2016 19:16:06	16.82	51.80	34.12	7.20	8.15	5.9	2.366	91.2	2.7	0.6
687	9/28/2016 19:31:05	16.74	51.78	34.11	7.15	8.14	6.1	2.451	90.4	3.0	0.7
688	9/28/2016 19:46:05	16.67	51.76	34.08	7.07	8.14	5.6	2.532	89.3	2.4	0.6
689	9/28/2016 20:01:06	16.33	51.75	34.07	6.82	8.12	6.2	2.621	85.6	2.8	0.7
690	9/28/2016 20:16:05	16.14	51.73	34.06	6.72	8.11	6.1	2.695	83.9	2.7	0.6
691	9/28/2016 20:31:05	15.96	51.71	34.04	6.65	8.10	6.2	2.787	82.8	2.9	0.7
692	9/28/2016 20:46:05	15.67	51.69	34.02	6.60	8.10	7.6	2.869	81.8	2.6	0.6
693	9/28/2016 21:01:05	15.39	51.67	34.00	6.59	8.09	7.4	2.946	81.1	2.6	0.6
694	9/28/2016 21:16:05	15.23	51.66	33.98	6.57	8.09	7.3	3.038	80.6	2.7	0.6
695	9/28/2016 21:31:05	15.06	51.65	33.97	6.56	8.10	8.1	3.123	80.2	2.3	0.5
696	9/28/2016 21:46:05	14.68	51.62	33.94	6.57	8.10	7.9	3.204	79.7	2.7	0.6
697	9/28/2016 22:01:05	14.26	51.61	33.92	6.56	8.11	8.4	3.294	78.9	2.7	0.6
698	9/28/2016 22:16:05	13.95	51.60	33.90	6.55	8.11	8.3	3.372	78.3	3.0	0.7
699	9/28/2016 22:31:05	13.60	51.58	33.88	6.49	8.11	8.0	3.445	77.1	3.0	0.7
700	9/28/2016 22:46:05	13.35	51.59	33.87	6.47	8.12	7.0	3.517	76.4	3.5	0.8
701	9/28/2016 23:01:05	13.10	51.57	33.85	6.48	8.12	6.1	3.561	76.1	2.9	0.7
702	9/28/2016 23:16:05	13.14	51.67	33.93	6.41	8.12	4.9	3.596	75.4	3.3	0.8
703	9/28/2016 23:31:05	12.99	51.58	33.85	6.35	8.12	3.7	3.623	74.4	4.1	1.0
704	9/28/2016 23:46:05	13.27	51.63	33.90	6.30	8.12	3.9	3.614	74.2	2.9	0.7
705	9/29/2016 00:01:05	12.96	51.58	33.85	6.37	8.12	4.1	3.590	74.6	3.1	0.7
706	9/29/2016 00:16:05	13.28	51.63	33.90	6.33	8.11	5.6	3.536	74.6	2.9	0.7
707	9/29/2016 00:31:05	13.97	51.70	33.98	6.29	8.10	6.3	3.471	75.2	2.5	0.6
708	9/29/2016 00:46:05	13.96	51.64	33.93	6.31	8.10	7.2	3.390	75.4	2.9	0.7
709	9/29/2016 01:01:05	13.97	51.59	33.90	6.27	8.10	7.2	3.291	75.0	2.9	0.7
710	9/29/2016 01:16:05	13.88	51.61	33.91	6.33	8.10	6.8	3.185	75.6	3.1	0.7
711	9/29/2016 01:31:05	14.75	51.65	33.96	6.33	8.10	7.0	3.079	76.9	2.8	0.7
712	9/29/2016 01:46:05	15.03	51.67	33.99	6.41	8.10	7.3	2.984	78.3	2.1	0.5
713	9/29/2016 02:01:05	15.19	51.69	34.01	6.33	8.08	7.2	2.871	77.7	2.1	0.5
714	9/29/2016 02:16:05	15.54	51.71	34.03	6.33	8.08	7.3	2.766	78.2	2.0	0.5
715	9/29/2016 02:31:05	15.65	51.74	34.05	6.25	8.07	7.2	2.662	77.3	2.0	0.5
716	9/29/2016 02:46:05	15.75	51.72	34.04	6.29	8.08	6.9	2.551	78.0	1.9	0.4
717	9/29/2016 03:01:05	16.00	51.76	34.07	6.36	8.09	7.5	2.445	79.3	2.3	0.6
718	9/29/2016 03:16:06	16.00	51.75	34.07	6.36	8.09	6.2	2.328	79.2	1.8	0.4
719	9/29/2016 03:31:05	15.91	51.76	34.07	6.28	8.08	7.5	2.219	78.2	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
720	9/29/2016 03:46:05	15.90	51.78	34.09	6.19	8.08	7.2	2.107	77.0	2.2	0.5
721	9/29/2016 04:01:05	16.05	51.77	34.08	6.39	8.09	6.6	1.992	79.7	2.3	0.5
722	9/29/2016 04:16:05	15.93	51.75	34.06	6.23	8.07	6.8	1.893	77.5	2.4	0.6
723	9/29/2016 04:31:06	16.16	51.80	34.11	6.25	8.09	6.4	1.789	78.1	2.2	0.5
724	9/29/2016 04:46:06	16.19	51.81	34.12	6.26	8.09	6.4	1.706	78.4	2.1	0.5
725	9/29/2016 05:01:06	16.30	51.82	34.12	6.25	8.09	5.7	1.646	78.4	2.0	0.5
726	9/29/2016 05:16:05	16.42	51.83	34.13	6.31	8.09	5.4	1.607	79.3	2.2	0.5
727	9/29/2016 05:31:05	16.55	51.83	34.14	6.36	8.11	5.6	1.584	80.1	2.2	0.5
728	9/29/2016 05:46:05	16.76	51.80	34.12	6.35	8.11	3.9	1.577	80.4	2.2	0.5
729	9/29/2016 06:01:05	16.82	51.88	34.18	6.61	8.14	4.2	1.634	83.7	2.4	0.6
730	9/29/2016 06:16:05	16.80	51.89	34.19	6.62	8.14	4.6	1.665	83.9	1.5	0.4
731	9/29/2016 06:31:05	16.90	51.90	34.19	6.67	8.15	4.8	1.728	84.6	2.2	0.5
732	9/29/2016 06:46:05	16.85	51.88	34.17	6.64	8.15	5.0	1.819	84.2	2.4	0.6
733	9/29/2016 07:01:05	16.76	51.88	34.18	6.61	8.14	5.8	1.912	83.7	2.3	0.5
734	9/29/2016 07:16:05	16.54	51.85	34.15	6.55	8.13	6.2	2.002	82.5	1.6	0.4
735	9/29/2016 07:31:05	16.38	51.82	34.13	6.48	8.11	6.3	2.092	81.4	2.2	0.5
736	9/29/2016 07:46:06	16.32	51.81	34.12	6.43	8.11	6.2	2.189	80.7	1.8	0.4
737	9/29/2016 08:01:06	16.34	51.83	34.13	6.43	8.11	6.1	2.285	80.8	1.7	0.4
738	9/29/2016 08:16:06	16.29	51.81	34.12	6.42	8.11	6.5	2.379	80.5	1.8	0.4
739	9/29/2016 08:31:06	16.10	51.79	34.10	6.39	8.10	6.6	2.468	79.9	2.0	0.5
740	9/29/2016 08:46:06	15.95	51.77	34.08	6.36	8.09	5.9	2.561	79.2	2.0	0.5
741	9/29/2016 09:01:06	15.82	51.75	34.06	6.33	8.08	6.7	2.656	78.6	2.0	0.5
742	9/29/2016 09:16:05	15.58	51.71	34.03	6.29	8.08	7.6	2.748	77.7	2.4	0.6
743	9/29/2016 09:31:06	15.38	51.69	34.01	6.27	8.08	7.9	2.835	77.2	2.4	0.6
744	9/29/2016 09:46:05	15.25	51.68	34.00	6.28	8.08	7.4	2.921	77.1	2.2	0.5
745	9/29/2016 10:01:05	14.90	51.65	33.97	6.27	8.07	9.2	3.020	76.4	1.9	0.5
746	9/29/2016 10:16:05	14.57	51.63	33.95	6.24	8.08	9.0	3.114	75.6	2.8	0.7
747	9/29/2016 10:31:05	14.12	51.61	33.92	6.17	8.08	8.0	3.201	74.0	2.6	0.6
748	9/29/2016 10:46:05	13.80	51.60	33.90	6.14	8.08	9.5	3.289	73.1	2.5	0.6
749	9/29/2016 11:01:05	13.46	51.59	33.88	6.15	8.09	9.0	3.382	72.7	3.5	0.8
750	9/29/2016 11:16:05	13.31	51.57	33.86	6.18	8.10	9.1	3.460	72.9	3.1	0.7
751	9/29/2016 11:31:05	13.10	51.56	33.84	6.20	8.11	8.3	3.520	72.8	3.2	0.8
752	9/29/2016 11:46:05	12.96	51.52	33.81	6.21	8.11	5.5	3.574	72.7	2.8	0.7
753	9/29/2016 12:01:05	12.99	51.55	33.83	6.19	8.11	4.6	3.610	72.6	3.0	0.7
754	9/29/2016 12:16:05	13.38	51.63	33.90	6.16	8.10	3.8	3.629	72.8	2.3	0.6
755	9/29/2016 12:31:05	13.12	51.59	33.87	6.10	8.10	4.2	3.615	71.7	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
756	9/29/2016 12:46:05	12.89	51.57	33.84	6.14	8.11	5.3	3.584	71.8	2.1	0.5
757	9/29/2016 13:01:05	13.27	51.59	33.87	6.20	8.11	5.6	3.520	73.1	2.1	0.5
758	9/29/2016 13:16:05	13.91	51.63	33.93	6.41	8.11	6.7	3.443	76.6	2.3	0.5
759	9/29/2016 13:31:05	13.51	51.60	33.89	6.42	8.11	6.0	3.360	76.0	2.5	0.6
760	9/29/2016 13:46:05	13.50	51.58	33.87	6.39	8.11	5.7	3.251	75.7	2.1	0.5
761	9/29/2016 14:01:05	13.91	51.62	33.92	6.34	8.10	6.8	3.144	75.7	2.8	0.7
762	9/29/2016 14:16:05	14.26	51.65	33.95	6.34	8.10	6.0	3.036	76.3	2.1	0.5
763	9/29/2016 14:31:05	14.63	51.69	33.99	6.37	8.10	7.0	2.932	77.3	2.7	0.6
764	9/29/2016 14:46:05	15.10	51.70	34.01	6.40	8.10	6.8	2.834	78.3	2.3	0.5
765	9/29/2016 15:01:05	15.24	51.72	34.03	6.52	8.10	5.0	2.718	80.1	1.9	0.5
766	9/29/2016 15:16:05	15.47	51.73	34.04	6.51	8.10	5.6	2.622	80.3	2.3	0.5
767	9/29/2016 15:31:05	15.59	51.73	34.05	6.54	8.10	5.9	2.515	80.8	2.1	0.5
768	9/29/2016 15:46:05	15.77	51.75	34.06	6.74	8.12	6.1	2.408	83.7	2.1	0.5
769	9/29/2016 16:01:05	15.81	51.77	34.08	6.73	8.12	5.7	2.316	83.6	2.4	0.6
770	9/29/2016 16:16:05	15.70	51.76	34.07	6.91	8.13	5.1	2.210	85.6	2.0	0.5
771	9/29/2016 16:31:05	15.73	51.75	34.06	6.93	8.13	5.9	2.110	85.9	2.1	0.5
772	9/29/2016 16:46:06	15.63	51.74	34.05	7.00	8.14	5.5	2.025	86.6	1.8	0.4
773	9/29/2016 17:01:06	15.74	51.76	34.07	6.94	8.13	4.9	1.948	86.1	2.4	0.6
774	9/29/2016 17:16:06	15.77	51.74	34.06	7.38	8.17	5.1	1.878	91.5	1.7	0.4
775	9/29/2016 17:31:06	15.87	51.76	34.07	7.20	8.16	4.6	1.828	89.5	1.8	0.4
776	9/29/2016 17:46:06	15.97	51.79	34.10	6.94	8.15	4.8	1.820	86.4	2.2	0.5
777	9/29/2016 18:01:06	15.97	51.76	34.08	7.11	8.16	5.3	1.802	88.5	1.9	0.4
778	9/29/2016 18:16:05	16.07	51.80	34.11	7.13	8.16	4.3	1.815	89.0	2.1	0.5
779	9/29/2016 18:31:06	16.16	51.83	34.13	6.94	8.15	4.3	1.860	86.8	2.0	0.5
780	9/29/2016 18:46:06	16.41	51.88	34.17	6.80	8.14	4.6	1.921	85.5	2.4	0.6
781	9/29/2016 19:01:06	16.42	51.86	34.15	6.76	8.14	5.4	1.995	85.0	2.0	0.5
782	9/29/2016 19:16:06	16.34	51.84	34.14	6.72	8.14	6.2	2.072	84.3	2.3	0.5
783	9/29/2016 19:31:06	16.23	51.82	34.13	6.68	8.13	6.0	2.157	83.6	2.4	0.6
784	9/29/2016 19:46:06	15.99	51.79	34.10	6.67	8.12	5.6	2.246	83.2	2.9	0.7
785	9/29/2016 20:01:06	15.83	51.77	34.08	6.69	8.12	5.3	2.337	83.2	2.5	0.6
786	9/29/2016 20:16:06	15.84	51.78	34.08	6.63	8.12	5.2	2.419	82.4	2.3	0.5
787	9/29/2016 20:31:05	15.86	51.78	34.09	6.56	8.11	5.6	2.509	81.6	2.7	0.6
788	9/29/2016 20:46:05	15.74	51.75	34.06	6.48	8.10	5.6	2.591	80.4	2.4	0.6
789	9/29/2016 21:01:06	15.56	51.72	34.04	6.41	8.09	6.0	2.673	79.1	2.2	0.5
790	9/29/2016 21:16:05	15.41	51.70	34.02	6.39	8.08	6.1	2.758	78.7	2.8	0.7
791	9/29/2016 21:31:05	15.16	51.68	34.00	6.33	8.08	6.8	2.837	77.5	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
792	9/29/2016 21:46:05	14.91	51.65	33.97	6.30	8.08	7.3	2.933	76.9	2.4	0.6
793	9/29/2016 22:01:05	14.77	51.65	33.96	6.28	8.08	7.8	3.013	76.3	2.8	0.7
794	9/29/2016 22:16:05	14.59	51.66	33.96	6.21	8.08	8.4	3.094	75.2	2.8	0.7
795	9/29/2016 22:31:05	14.20	51.60	33.91	6.22	8.08	9.4	3.191	74.7	2.1	0.5
796	9/29/2016 22:46:05	13.78	51.60	33.90	6.23	8.09	8.3	3.273	74.3	2.9	0.7
797	9/29/2016 23:01:05	13.53	51.58	33.87	6.20	8.10	8.8	3.351	73.4	3.2	0.8
798	9/29/2016 23:16:05	13.12	51.55	33.84	6.17	8.10	7.9	3.424	72.5	3.2	0.8
799	9/29/2016 23:31:05	12.93	51.57	33.84	6.18	8.11	6.6	3.496	72.3	3.2	0.8
800	9/29/2016 23:46:05	12.92	51.56	33.84	6.16	8.11	5.8	3.545	72.1	2.7	0.6
801	9/30/2016 00:01:05	12.71	51.58	33.84	6.17	8.12	4.6	3.579	71.9	2.7	0.6
802	9/30/2016 00:16:04	13.17	51.48	33.79	6.04	8.10	4.2	3.609	71.0	3.0	0.7
803	9/30/2016 00:31:05	12.87	51.60	33.86	6.01	8.10	4.0	3.599	70.2	2.1	0.5
804	9/30/2016 00:46:05	12.64	51.54	33.81	6.13	8.11	4.5	3.573	71.3	2.3	0.6
805	9/30/2016 01:01:05	12.91	51.60	33.86	6.08	8.11	5.6	3.516	71.1	2.5	0.6
806	9/30/2016 01:16:05	13.54	51.61	33.90	6.00	8.09	6.1	3.444	71.2	2.3	0.5
807	9/30/2016 01:31:05	13.35	51.61	33.89	6.00	8.07	7.2	3.365	70.8	2.8	0.7
808	9/30/2016 01:46:05	13.54	51.62	33.90	6.01	8.08	6.0	3.256	71.3	2.6	0.6
809	9/30/2016 02:01:05	13.31	51.58	33.86	6.05	8.08	6.1	3.156	71.3	2.4	0.6
810	9/30/2016 02:16:05	13.94	51.64	33.93	6.03	8.08	6.7	3.050	72.0	2.7	0.6
811	9/30/2016 02:31:05	14.45	51.66	33.96	6.02	8.07	7.3	2.945	72.8	2.7	0.6
812	9/30/2016 02:46:06	14.79	51.70	34.01	5.99	8.06	7.4	2.846	72.8	2.3	0.5
813	9/30/2016 03:01:05	14.91	51.73	34.03	5.89	8.05	6.5	2.743	71.8	1.9	0.5
814	9/30/2016 03:16:06	15.12	51.75	34.05	5.95	8.05	6.7	2.635	72.9	2.4	0.6
815	9/30/2016 03:31:05	15.10	51.75	34.05	5.88	8.04	7.8	2.523	72.0	2.3	0.6
816	9/30/2016 03:46:05	15.31	51.76	34.06	5.89	8.05	6.9	2.417	72.4	2.4	0.6
817	9/30/2016 04:01:05	15.26	51.76	34.06	5.93	8.05	7.3	2.297	72.9	1.6	0.4
818	9/30/2016 04:16:05	15.30	51.77	34.07	5.93	8.05	7.3	2.197	72.9	1.9	0.5
819	9/30/2016 04:31:06	15.25	51.77	34.07	5.89	8.05	6.5	2.097	72.3	2.2	0.5
820	9/30/2016 04:46:06	15.13	51.76	34.06	5.89	8.04	7.3	1.978	72.1	2.0	0.5
821	9/30/2016 05:01:06	15.31	51.78	34.07	5.87	8.05	6.1	1.887	72.2	1.9	0.5
822	9/30/2016 05:16:05	15.34	51.80	34.09	5.84	8.05	5.7	1.808	71.9	2.0	0.5
823	9/30/2016 05:31:06	15.30	51.81	34.10	5.81	8.04	6.5	1.735	71.5	2.0	0.5
824	9/30/2016 05:46:05	15.37	51.81	34.10	5.84	8.05	5.7	1.690	71.9	2.1	0.5
825	9/30/2016 06:01:06	15.47	51.79	34.09	5.89	8.06	5.6	1.673	72.6	2.6	0.6
826	9/30/2016 06:16:05	15.52	51.81	34.10	5.92	8.05	5.0	1.667	73.1	2.0	0.5
827	9/30/2016 06:31:05	15.56	51.83	34.12	6.01	8.06	4.7	1.684	74.3	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
828	9/30/2016 06:46:06	15.57	51.83	34.12	6.02	8.06	4.6	1.734	74.5	1.5	0.4
829	9/30/2016 07:01:06	15.80	51.88	34.16	6.14	8.07	4.6	1.799	76.3	1.6	0.4
830	9/30/2016 07:16:06	15.79	51.89	34.17	6.10	8.08	4.7	1.880	75.8	1.6	0.4
831	9/30/2016 07:31:06	15.77	51.88	34.16	6.09	8.08	5.3	1.966	75.6	2.0	0.5
832	9/30/2016 07:46:05	15.60	51.84	34.13	6.05	8.07	5.9	2.056	74.8	1.4	0.3
833	9/30/2016 08:01:06	15.46	51.83	34.11	6.02	8.06	5.6	2.149	74.3	1.9	0.5
834	9/30/2016 08:16:06	15.38	51.80	34.09	5.99	8.06	5.7	2.234	73.7	1.9	0.4
835	9/30/2016 08:31:05	15.38	51.81	34.10	5.99	8.06	5.6	2.328	73.8	1.6	0.4
836	9/30/2016 08:46:05	15.37	51.81	34.10	6.01	8.06	5.9	2.418	74.0	1.7	0.4
837	9/30/2016 09:01:05	15.30	51.80	34.09	6.02	8.06	6.1	2.506	74.0	2.4	0.6
838	9/30/2016 09:16:05	15.24	51.78	34.08	6.01	8.06	6.5	2.597	73.8	2.1	0.5
839	9/30/2016 09:31:05	15.07	51.75	34.05	6.01	8.05	6.7	2.692	73.5	1.5	0.4
840	9/30/2016 09:46:05	14.91	51.73	34.02	5.98	8.05	7.0	2.781	73.0	1.9	0.4
841	9/30/2016 10:01:06	14.73	51.71	34.01	5.98	8.06	7.6	2.874	72.7	1.9	0.5
842	9/30/2016 10:16:06	14.61	51.70	34.00	6.00	8.05	7.9	2.966	72.7	2.1	0.5
843	9/30/2016 10:31:05	14.35	51.67	33.97	5.99	8.06	8.6	3.052	72.3	2.2	0.5
844	9/30/2016 10:46:05	14.01	51.64	33.93	6.02	8.06	9.8	3.143	72.1	1.7	0.4
845	9/30/2016 11:01:05	13.62	51.63	33.92	6.01	8.07	9.0	3.235	71.3	2.6	0.6
846	9/30/2016 11:16:05	13.31	51.61	33.89	5.98	8.08	9.2	3.321	70.5	1.7	0.4
847	9/30/2016 11:31:05	12.97	51.58	33.85	6.01	8.09	8.7	3.406	70.4	1.9	0.5
848	9/30/2016 11:46:05	12.71	51.58	33.84	6.03	8.10	8.2	3.485	70.2	2.3	0.6
849	9/30/2016 12:01:05	12.54	51.58	33.83	6.04	8.10	6.2	3.547	70.1	2.6	0.6
850	9/30/2016 12:16:05	12.43	51.58	33.83	6.04	8.11	4.7	3.593	69.9	2.1	0.5
851	9/30/2016 12:31:05	12.44	51.56	33.81	6.04	8.11	3.7	3.641	69.9	1.8	0.4
852	9/30/2016 12:46:05	12.36	51.57	33.82	5.95	8.11	2.9	3.653	68.8	1.4	0.3
853	9/30/2016 13:01:05	12.33	51.58	33.82	5.93	8.10	2.8	3.641	68.5	1.5	0.3
854	9/30/2016 13:16:05	12.34	51.57	33.82	5.94	8.10	4.5	3.613	68.7	2.0	0.5
855	9/30/2016 13:31:05	12.41	51.58	33.83	5.98	8.10	5.5	3.552	69.2	1.5	0.4
856	9/30/2016 13:46:05	13.15	51.61	33.88	6.34	8.11	6.2	3.475	74.5	2.0	0.5
857	9/30/2016 14:01:05	13.51	51.57	33.87	6.68	8.13	5.8	3.384	79.2	2.1	0.5
858	9/30/2016 14:16:05	13.53	51.58	33.88	6.78	8.14	5.7	3.279	80.3	2.2	0.5
859	9/30/2016 14:31:05	13.88	51.57	33.88	6.74	8.14	6.6	3.172	80.4	2.5	0.6
860	9/30/2016 14:46:05	14.22	51.61	33.92	6.81	8.14	6.4	3.063	81.9	2.2	0.5
861	9/30/2016 15:01:05	14.73	51.66	33.97	6.88	8.14	7.2	2.954	83.6	2.1	0.5
862	9/30/2016 15:16:06	15.11	51.70	34.01	7.05	8.13	7.1	2.848	86.3	2.1	0.5
863	9/30/2016 15:31:06	15.34	51.55	33.90	7.12	8.14	6.5	2.739	87.5	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
864	9/30/2016 15:46:05	15.53	51.68	34.01	7.32	8.16	6.1	2.642	90.3	2.3	0.5
865	9/30/2016 16:01:06	15.57	51.72	34.04	7.09	8.14	7.0	2.533	87.7	1.4	0.3
866	9/30/2016 16:16:06	15.77	51.72	34.04	7.66	8.18	6.1	2.421	95.1	1.8	0.4
867	9/30/2016 16:31:06	15.83	51.73	34.05	7.66	8.17	6.8	2.317	95.2	1.7	0.4
868	9/30/2016 16:46:06	15.80	51.70	34.03	7.62	8.18	6.1	2.209	94.6	1.7	0.4
869	9/30/2016 17:01:05	15.80	51.69	34.02	7.74	8.19	6.1	2.101	96.1	1.9	0.4
870	9/30/2016 17:16:06	15.91	51.73	34.05	7.82	8.20	6.2	2.008	97.3	2.1	0.5
871	9/30/2016 17:31:06	15.93	51.71	34.04	7.99	8.21	6.1	1.913	99.4	2.1	0.5
872	9/30/2016 17:46:06	15.99	51.73	34.05	7.89	8.20	5.7	1.829	98.3	2.1	0.5
873	9/30/2016 18:01:05	16.06	51.73	34.05	7.70	8.19	5.4	1.774	96.0	1.4	0.3
874	9/30/2016 18:16:05	16.12	51.74	34.06	7.85	8.20	4.7	1.732	98.0	2.1	0.5
875	9/30/2016 18:31:05	16.04	51.76	34.08	8.01	8.21	5.6	1.724	100.0	2.1	0.5
876	9/30/2016 18:46:06	15.94	51.74	34.06	8.20	8.23	5.4	1.710	102.1	2.0	0.5
877	9/30/2016 19:01:06	16.16	51.82	34.12	7.77	8.19	5.4	1.758	97.2	1.8	0.4
878	9/30/2016 19:16:05	16.21	51.80	34.11	7.63	8.18	5.4	1.805	95.6	1.8	0.4
879	9/30/2016 19:31:05	16.37	51.87	34.16	7.60	8.18	5.7	1.869	95.5	2.5	0.6
880	9/30/2016 19:46:05	16.34	51.85	34.15	7.54	8.18	6.2	1.961	94.7	2.4	0.6
881	9/30/2016 20:01:06	16.25	51.84	34.13	7.41	8.16	7.0	2.049	92.8	2.0	0.5
882	9/30/2016 20:16:05	16.15	51.82	34.12	7.32	8.15	7.8	2.141	91.6	2.4	0.6
883	9/30/2016 20:31:05	16.10	51.82	34.12	7.32	8.15	6.8	2.232	91.5	2.2	0.5
884	9/30/2016 20:46:06	16.09	51.83	34.13	7.30	8.15	6.7	2.328	91.2	2.2	0.5
885	9/30/2016 21:01:06	16.07	51.83	34.13	7.24	8.14	6.5	2.414	90.4	2.1	0.5
886	9/30/2016 21:16:06	15.89	51.80	34.10	7.04	8.13	7.0	2.503	87.6	2.3	0.5
887	9/30/2016 21:31:06	15.58	51.75	34.06	6.74	8.10	6.3	2.592	83.3	2.4	0.6
888	9/30/2016 21:46:05	15.42	51.74	34.05	6.66	8.09	7.3	2.683	82.1	2.1	0.5
889	9/30/2016 22:01:06	15.29	51.73	34.03	6.60	8.09	6.7	2.763	81.1	2.0	0.5
890	9/30/2016 22:16:06	15.05	51.70	34.01	6.52	8.09	6.8	2.850	79.7	1.9	0.4
891	9/30/2016 22:31:06	14.86	51.69	33.99	6.49	8.09	7.2	2.943	79.1	1.9	0.4
892	9/30/2016 22:46:06	14.72	51.67	33.98	6.45	8.09	7.9	3.020	78.3	2.1	0.5
893	9/30/2016 23:01:06	14.36	51.63	33.94	6.44	8.09	8.1	3.109	77.6	2.3	0.5
894	9/30/2016 23:16:05	14.03	51.61	33.91	6.38	8.09	8.9	3.194	76.4	2.4	0.6
895	9/30/2016 23:31:05	13.65	51.60	33.89	6.31	8.10	9.1	3.278	74.9	2.5	0.6
896	9/30/2016 23:46:05	13.33	51.57	33.86	6.25	8.10	6.7	3.360	73.7	2.2	0.5
897	10/1/2016 00:01:05	13.10	51.58	33.86	6.24	8.11	6.8	3.430	73.3	2.3	0.5
898	10/1/2016 00:16:05	12.93	51.57	33.84	6.26	8.12	6.8	3.497	73.2	2.0	0.5
899	10/1/2016 00:31:05	12.88	51.60	33.87	6.23	8.12	5.0	3.544	72.9	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
900	10/1/2016 00:46:05	12.93	51.65	33.90	6.25	8.11	4.5	3.581	73.1	2.9	0.7
901	10/1/2016 01:01:05	13.25	51.57	33.86	6.16	8.11	4.2	3.602	72.5	1.8	0.4
902	10/1/2016 01:16:05	12.89	51.57	33.84	6.19	8.11	4.0	3.590	72.4	2.2	0.5
903	10/1/2016 01:31:05	12.72	51.54	33.81	6.23	8.12	4.7	3.556	72.6	2.0	0.5
904	10/1/2016 01:46:05	13.24	51.59	33.87	6.19	8.11	4.6	3.501	72.9	1.4	0.3
905	10/1/2016 02:01:05	14.16	51.67	33.97	6.06	8.07	7.3	3.425	72.8	1.8	0.4
906	10/1/2016 02:16:05	13.38	51.61	33.89	6.10	8.08	6.8	3.344	72.1	3.0	0.7
907	10/1/2016 02:31:05	13.20	51.61	33.88	6.13	8.09	6.2	3.243	72.2	2.3	0.5
908	10/1/2016 02:46:05	13.42	51.63	33.91	6.14	8.08	5.6	3.137	72.6	1.9	0.5
909	10/1/2016 03:01:05	14.06	51.69	33.97	6.19	8.09	6.8	3.035	74.2	1.9	0.5
910	10/1/2016 03:16:05	14.34	51.70	33.99	6.26	8.08	6.4	2.941	75.4	2.3	0.5
911	10/1/2016 03:31:05	14.71	51.74	34.03	6.32	8.08	6.5	2.831	76.7	1.7	0.4
912	10/1/2016 03:46:06	14.80	51.75	34.04	6.26	8.07	6.4	2.729	76.2	2.0	0.5
913	10/1/2016 04:01:05	14.89	51.77	34.05	6.24	8.07	6.5	2.633	76.1	1.5	0.4
914	10/1/2016 04:16:05	15.09	51.77	34.06	6.33	8.08	7.2	2.521	77.5	2.0	0.5
915	10/1/2016 04:31:06	15.01	51.82	34.10	6.35	8.07	7.9	2.413	77.6	2.0	0.5
916	10/1/2016 04:46:05	15.06	51.81	34.09	6.32	8.07	7.2	2.317	77.3	1.8	0.4
917	10/1/2016 05:01:05	15.11	51.82	34.10	6.37	8.07	6.8	2.223	78.1	1.6	0.4
918	10/1/2016 05:16:05	14.94	51.79	34.07	6.34	8.07	7.0	2.115	77.4	1.8	0.4
919	10/1/2016 05:31:05	15.00	51.75	34.05	6.25	8.07	6.8	2.020	76.4	2.0	0.5
920	10/1/2016 05:46:05	15.01	51.82	34.10	6.28	8.07	6.3	1.936	76.7	1.7	0.4
921	10/1/2016 06:01:05	14.97	51.79	34.08	6.23	8.07	6.0	1.872	76.1	1.8	0.4
922	10/1/2016 06:16:05	15.03	51.80	34.08	6.23	8.06	5.5	1.816	76.2	1.7	0.4
923	10/1/2016 06:31:05	15.13	51.82	34.10	6.33	8.07	5.0	1.781	77.6	1.4	0.3
924	10/1/2016 06:46:06	15.30	51.83	34.11	6.36	8.08	4.1	1.780	78.2	2.3	0.5
925	10/1/2016 07:01:05	15.45	51.86	34.14	6.63	8.10	4.0	1.796	81.8	1.5	0.4
926	10/1/2016 07:16:05	15.41	51.84	34.12	6.60	8.10	4.3	1.816	81.3	1.5	0.4
927	10/1/2016 07:31:06	15.56	51.89	34.16	6.73	8.12	4.0	1.882	83.2	1.4	0.3
928	10/1/2016 07:46:05	15.56	51.90	34.17	6.78	8.12	4.5	1.956	83.8	2.1	0.5
929	10/1/2016 08:01:05	15.54	51.88	34.15	6.75	8.12	5.3	2.038	83.5	1.6	0.4
930	10/1/2016 08:16:05	15.43	51.87	34.14	6.70	8.11	5.6	2.132	82.6	1.4	0.3
931	10/1/2016 08:31:06	15.28	51.85	34.12	6.60	8.10	5.4	2.219	81.1	1.2	0.3
932	10/1/2016 08:46:06	15.20	51.83	34.11	6.53	8.09	5.3	2.308	80.2	1.1	0.3
933	10/1/2016 09:01:05	15.19	51.83	34.11	6.52	8.09	5.3	2.401	80.1	1.7	0.4
934	10/1/2016 09:16:05	15.13	51.83	34.10	6.50	8.09	5.4	2.486	79.7	1.8	0.4
935	10/1/2016 09:31:05	15.02	51.80	34.08	6.45	8.09	5.7	2.569	78.9	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
936	10/1/2016 09:46:05	14.91	51.78	34.06	6.41	8.08	5.7	2.664	78.1	1.9	0.4
937	10/1/2016 10:01:05	14.86	51.76	34.05	6.39	8.08	6.2	2.745	77.9	1.9	0.4
938	10/1/2016 10:16:05	14.74	51.74	34.03	6.37	8.08	6.4	2.833	77.4	1.5	0.4
939	10/1/2016 10:31:05	14.55	51.72	34.01	6.32	8.08	6.8	2.921	76.5	1.7	0.4
940	10/1/2016 10:46:05	14.43	51.71	34.00	6.33	8.08	6.7	3.005	76.4	2.3	0.5
941	10/1/2016 11:01:05	14.16	51.68	33.97	6.31	8.08	8.9	3.105	75.8	1.5	0.4
942	10/1/2016 11:16:05	13.87	51.64	33.93	6.31	8.09	8.3	3.185	75.3	2.4	0.6
943	10/1/2016 11:31:05	13.49	51.63	33.91	6.24	8.09	8.1	3.271	73.9	1.8	0.4
944	10/1/2016 11:46:05	13.23	51.62	33.89	6.22	8.10	6.8	3.361	73.3	2.1	0.5
945	10/1/2016 12:01:05	12.90	51.61	33.87	6.27	8.11	6.5	3.446	73.3	2.4	0.6
946	10/1/2016 12:16:06	12.68	51.59	33.85	6.38	8.13	5.6	3.516	74.3	2.1	0.5
947	10/1/2016 12:31:05	12.63	51.58	33.83	6.42	8.13	4.4	3.575	74.6	2.7	0.6
948	10/1/2016 12:46:05	12.48	51.57	33.82	6.46	8.14	3.6	3.633	74.9	2.4	0.6
949	10/1/2016 13:01:05	12.50	51.51	33.78	6.49	8.15	2.8	3.660	75.3	1.6	0.4
950	10/1/2016 13:16:05	12.92	51.39	33.71	6.47	8.14	3.1	3.675	75.7	2.1	0.5
951	10/1/2016 13:31:05	12.48	51.55	33.81	6.46	8.15	3.4	3.664	74.9	2.5	0.6
952	10/1/2016 13:46:05	12.49	51.54	33.80	6.47	8.14	3.3	3.625	75.0	1.6	0.4
953	10/1/2016 14:01:05	12.48	51.52	33.79	6.49	8.14	3.6	3.572	75.2	2.3	0.5
954	10/1/2016 14:16:05	12.77	51.58	33.84	6.59	8.15	5.3	3.487	76.8	2.1	0.5
955	10/1/2016 14:31:05	13.38	51.58	33.87	7.03	8.16	5.1	3.400	83.0	1.6	0.4
956	10/1/2016 14:46:05	13.69	51.57	33.87	7.34	8.17	5.1	3.299	87.3	1.7	0.4
957	10/1/2016 15:01:05	13.69	51.58	33.88	7.49	8.19	5.5	3.194	89.0	2.7	0.6
958	10/1/2016 15:16:05	14.18	51.54	33.87	7.57	8.19	6.0	3.098	90.9	1.6	0.4
959	10/1/2016 15:31:05	14.64	51.62	33.94	7.59	8.18	5.7	2.988	92.0	1.2	0.3
960	10/1/2016 15:46:05	15.01	51.69	34.00	7.65	8.17	5.7	2.874	93.5	2.2	0.5
961	10/1/2016 16:01:06	15.30	51.72	34.03	7.76	8.18	5.7	2.759	95.4	1.7	0.4
962	10/1/2016 16:16:05	15.36	51.71	34.03	7.63	8.17	6.4	2.663	93.9	2.3	0.5
963	10/1/2016 16:31:05	15.50	51.71	34.03	8.09	8.20	6.7	2.546	99.8	1.3	0.3
964	10/1/2016 16:46:06	15.66	51.74	34.05	8.06	8.22	7.1	2.414	99.8	2.1	0.5
965	10/1/2016 17:01:06	15.77	51.75	34.06	8.30	8.22	7.9	2.318	103.1	1.7	0.4
966	10/1/2016 17:16:06	15.77	51.76	34.07	8.41	8.24	6.9	2.212	104.3	2.1	0.5
967	10/1/2016 17:31:06	15.84	51.76	34.08	8.37	8.23	7.7	2.092	104.0	1.9	0.5
968	10/1/2016 17:46:06	15.87	51.76	34.07	8.54	8.26	7.6	1.976	106.1	2.0	0.5
969	10/1/2016 18:01:06	15.91	51.78	34.09	8.57	8.26	7.7	1.886	106.6	2.0	0.5
970	10/1/2016 18:16:06	15.95	51.79	34.09	8.59	8.28	7.4	1.806	107.0	2.1	0.5
971	10/1/2016 18:31:06	15.93	51.77	34.08	8.72	8.29	7.3	1.722	108.6	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
972	10/1/2016 18:46:06	16.01	51.78	34.09	8.57	8.27	8.2	1.660	106.8	1.9	0.5
973	10/1/2016 19:01:05	16.04	51.78	34.09	8.36	8.25	6.5	1.638	104.3	1.8	0.4
974	10/1/2016 19:16:06	15.92	51.80	34.10	8.65	8.28	6.4	1.660	107.7	2.2	0.5
975	10/1/2016 19:31:05	16.00	51.80	34.10	8.51	8.26	7.0	1.665	106.1	2.0	0.5
976	10/1/2016 19:46:05	16.09	51.83	34.13	8.28	8.23	6.4	1.715	103.4	2.2	0.5
977	10/1/2016 20:01:06	16.30	51.90	34.18	8.11	8.22	6.3	1.783	101.8	2.1	0.5
978	10/1/2016 20:16:05	16.37	51.91	34.19	8.09	8.22	6.8	1.866	101.7	1.9	0.5
979	10/1/2016 20:31:05	16.34	51.89	34.18	7.96	8.22	7.2	1.950	99.9	2.0	0.5
980	10/1/2016 20:46:05	16.46	51.85	34.15	7.69	8.19	9.0	2.040	96.8	2.3	0.6
981	10/1/2016 21:01:05	16.36	51.82	34.13	7.60	8.19	9.7	2.141	95.4	1.7	0.4
982	10/1/2016 21:16:06	16.13	51.82	34.12	7.62	8.19	7.9	2.228	95.3	2.1	0.5
983	10/1/2016 21:31:05	16.10	51.82	34.12	7.62	8.19	7.5	2.311	95.2	2.3	0.5
984	10/1/2016 21:46:05	16.08	51.83	34.13	7.56	8.19	7.5	2.403	94.4	1.9	0.4
985	10/1/2016 22:01:06	15.81	51.80	34.10	7.23	8.17	7.5	2.486	89.8	1.8	0.4
986	10/1/2016 22:16:06	15.68	51.78	34.08	7.11	8.16	7.1	2.577	88.1	1.6	0.4
987	10/1/2016 22:31:06	15.59	51.76	34.07	7.06	8.15	7.0	2.663	87.3	2.1	0.5
988	10/1/2016 22:46:06	15.36	51.73	34.04	6.96	8.14	7.1	2.746	85.6	2.1	0.5
989	10/1/2016 23:01:05	15.17	51.75	34.05	6.86	8.14	7.8	2.829	84.2	2.3	0.5
990	10/1/2016 23:16:05	15.04	51.72	34.02	6.81	8.14	7.8	2.910	83.2	1.8	0.4
991	10/1/2016 23:31:06	14.77	51.68	33.99	6.76	8.14	8.4	3.001	82.2	2.1	0.5
992	10/1/2016 23:46:05	14.50	51.64	33.95	6.77	8.14	9.0	3.078	81.8	2.3	0.5
993	10/2/2016 00:01:05	14.15	51.62	33.92	6.74	8.14	7.5	3.170	81.0	2.5	0.6
994	10/2/2016 00:16:05	13.83	51.63	33.92	6.77	8.15	7.9	3.245	80.7	2.9	0.7
995	10/2/2016 00:31:05	13.64	51.60	33.90	6.84	8.16	7.5	3.314	81.3	2.4	0.6
996	10/2/2016 00:46:05	13.36	51.58	33.86	6.99	8.18	6.1	3.391	82.5	3.0	0.7
997	10/2/2016 01:01:05	13.20	51.59	33.87	7.13	8.20	4.9	3.444	83.9	2.9	0.7
998	10/2/2016 01:16:05	13.18	51.57	33.85	7.11	8.20	4.3	3.488	83.6	2.3	0.5
999	10/2/2016 01:31:05	14.12	51.53	33.86	6.82	8.17	4.9	3.513	81.7	2.3	0.5
1000	10/2/2016 01:46:05	13.73	51.63	33.92	6.91	8.18	4.5	3.521	82.2	1.9	0.5
1001	10/2/2016 02:01:05	13.11	51.55	33.84	7.19	8.21	3.6	3.518	84.5	2.4	0.6
1002	10/2/2016 02:16:05	13.18	51.52	33.81	7.20	8.21	3.7	3.473	84.6	2.4	0.6
1003	10/2/2016 02:31:05	13.75	51.69	33.96	6.89	8.17	5.0	3.409	82.1	1.7	0.4
1004	10/2/2016 02:46:05	14.36	51.69	33.98	6.49	8.12	6.7	3.343	78.3	2.1	0.5
1005	10/2/2016 03:01:05	13.50	51.63	33.91	6.77	8.16	6.7	3.261	80.1	3.0	0.7
1006	10/2/2016 03:16:05	13.65	51.62	33.91	6.85	8.16	6.4	3.153	81.4	2.1	0.5
1007	10/2/2016 03:31:06	13.92	51.61	33.91	6.80	8.15	6.2	3.047	81.2	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
1008	10/2/2016 03:46:05	13.98	51.62	33.92	6.73	8.14	5.8	2.967	80.5	1.9	0.4
1009	10/2/2016 04:01:05	14.55	51.68	33.98	6.71	8.13	6.3	2.864	81.2	2.1	0.5
1010	10/2/2016 04:16:05	14.86	51.68	33.99	6.69	8.13	6.5	2.766	81.5	1.5	0.4
1011	10/2/2016 04:31:06	14.77	51.59	33.92	6.60	8.11	6.3	2.681	80.2	1.9	0.5
1012	10/2/2016 04:46:05	15.00	51.64	33.96	6.66	8.11	6.8	2.579	81.3	2.0	0.5
1013	10/2/2016 05:01:06	15.10	51.63	33.96	6.69	8.12	6.5	2.489	81.9	1.8	0.4
1014	10/2/2016 05:16:06	15.12	51.62	33.95	6.70	8.12	7.2	2.388	82.1	2.0	0.5
1015	10/2/2016 05:31:06	15.11	51.56	33.91	6.70	8.11	7.3	2.289	81.9	1.8	0.4
1016	10/2/2016 05:46:05	15.19	51.57	33.92	6.69	8.12	6.4	2.209	82.0	1.7	0.4
1017	10/2/2016 06:01:05	15.13	51.53	33.89	6.69	8.11	43.0	2.117	81.8	1.3	0.3
1018	10/2/2016 06:16:06	15.21	51.61	33.94	6.81	8.13	5.8	2.034	83.5	2.0	0.5
1019	10/2/2016 06:31:06	15.21	51.57	33.92	6.72	8.13	5.0	1.971	82.5	1.9	0.4
1020	10/2/2016 06:46:06	15.21	51.55	33.90	6.68	8.12	5.5	1.908	81.9	1.7	0.4
1021	10/2/2016 07:01:06	15.16	51.56	33.91	6.56	8.12	6.2	1.869	80.3	1.9	0.4
1022	10/2/2016 07:16:06	15.08	51.51	33.87	6.49	8.11	5.1	1.868	79.4	1.4	0.3
1023	10/2/2016 07:31:05	15.09	51.54	33.89	6.58	8.11	5.9	1.868	80.4	1.8	0.4
1024	10/2/2016 07:46:05	15.12	51.54	33.89	6.64	8.12	5.9	1.892	81.2	1.6	0.4
1025	10/2/2016 08:01:06	15.15	51.57	33.91	6.72	8.12	6.2	1.948	82.3	1.6	0.4
1026	10/2/2016 08:16:05	15.27	51.63	33.96	6.83	8.14	5.8	2.007	83.9	1.5	0.3
1027	10/2/2016 08:31:05	15.30	51.66	33.99	6.87	8.14	6.4	2.091	84.5	1.5	0.4
1028	10/2/2016 08:46:05	15.32	51.57	33.92	6.86	8.13	8.1	2.179	84.2	1.1	0.3
1029	10/2/2016 09:01:05	15.20	51.57	33.91	6.83	8.13	8.1	2.266	83.7	1.6	0.4
1030	10/2/2016 09:16:05	15.11	51.61	33.94	6.84	8.13	6.1	2.360	83.7	1.9	0.5
1031	10/2/2016 09:31:05	15.14	51.62	33.96	6.84	8.13	6.3	2.447	83.8	1.8	0.4
1032	10/2/2016 09:46:06	15.12	51.64	33.97	6.85	8.14	6.5	2.529	83.8	1.1	0.3
1033	10/2/2016 10:01:06	14.90	51.65	33.97	6.84	8.14	6.1	2.615	83.3	1.7	0.4
1034	10/2/2016 10:16:05	14.83	51.65	33.97	6.82	8.13	5.5	2.694	83.1	2.1	0.5
1035	10/2/2016 10:31:06	14.83	51.65	33.96	6.84	8.13	6.1	2.777	83.2	1.7	0.4
1036	10/2/2016 10:46:05	14.74	51.65	33.96	6.83	8.13	6.7	2.856	83.0	2.1	0.5
1037	10/2/2016 11:01:05	14.51	51.63	33.94	6.85	8.14	5.9	2.943	82.8	2.1	0.5
1038	10/2/2016 11:16:05	14.41	51.63	33.94	6.88	8.14	7.1	3.033	83.1	2.1	0.5
1039	10/2/2016 11:31:05	14.20	51.60	33.91	6.97	8.15	8.9	3.115	83.8	2.2	0.5
1040	10/2/2016 11:46:05	13.84	51.56	33.87	7.13	8.17	7.1	3.208	85.0	3.0	0.7
1041	10/2/2016 12:01:05	13.47	51.56	33.86	7.34	8.19	8.2	3.296	86.9	3.0	0.7
1042	10/2/2016 12:16:05	13.18	51.56	33.85	7.52	8.22	7.2	3.392	88.5	2.9	0.7
1043	10/2/2016 12:31:05	13.06	51.54	33.83	7.64	8.23	6.7	3.470	89.6	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
1044	10/2/2016 12:46:05	12.80	51.55	33.82	7.82	8.25	5.9	3.527	91.3	3.2	0.8
1045	10/2/2016 13:01:05	12.71	51.51	33.79	7.89	8.26	4.2	3.592	91.8	3.6	0.9
1046	10/2/2016 13:16:05	12.60	51.52	33.79	7.92	8.27	3.9	3.637	92.0	3.8	0.9
1047	10/2/2016 13:31:05	12.63	51.45	33.74	7.85	8.26	2.7	3.659	91.2	3.4	0.8
1048	10/2/2016 13:46:05	12.94	51.49	33.78	7.73	8.24	3.1	3.657	90.5	1.9	0.4
1049	10/2/2016 14:01:05	12.57	51.49	33.77	7.85	8.26	2.4	3.650	91.1	2.5	0.6
1050	10/2/2016 14:16:05	12.60	51.49	33.77	7.84	8.26	2.8	3.612	91.1	3.2	0.8
1051	10/2/2016 14:31:05	12.77	51.50	33.79	7.84	8.26	3.3	3.543	91.4	2.6	0.6
1052	10/2/2016 14:46:05	13.06	51.53	33.82	7.92	8.25	5.3	3.464	92.9	3.0	0.7
1053	10/2/2016 15:01:05	13.67	51.55	33.85	8.35	8.27	5.6	3.387	99.2	2.8	0.7
1054	10/2/2016 15:16:05	13.89	51.52	33.84	8.55	8.27	4.6	3.291	102.0	2.9	0.7
1055	10/2/2016 15:31:05	13.99	51.55	33.87	8.44	8.28	5.9	3.176	100.9	2.9	0.7
1056	10/2/2016 15:46:06	14.46	51.57	33.90	7.98	8.24	6.7	3.078	96.4	2.6	0.6
1057	10/2/2016 16:01:06	14.75	51.56	33.90	8.09	8.23	5.7	2.979	98.3	2.6	0.6
1058	10/2/2016 16:16:06	15.01	51.58	33.92	8.03	8.23	5.8	2.861	98.1	1.9	0.4
1059	10/2/2016 16:31:06	15.26	51.59	33.94	8.11	8.23	6.5	2.752	99.6	2.0	0.5
1060	10/2/2016 16:46:05	15.39	51.58	33.93	8.12	8.23	6.7	2.654	99.9	2.2	0.5
1061	10/2/2016 17:01:06	15.54	51.59	33.94	8.47	8.24	6.4	2.529	104.6	1.7	0.4
1062	10/2/2016 17:16:05	15.65	51.60	33.95	8.51	8.24	6.9	2.408	105.3	2.0	0.5
1063	10/2/2016 17:31:06	15.72	51.62	33.97	8.57	8.25	6.1	2.305	106.2	1.5	0.3
1064	10/2/2016 17:46:05	15.75	51.64	33.98	8.34	8.24	6.3	2.197	103.4	1.8	0.4
1065	10/2/2016 18:01:06	15.66	51.63	33.97	8.65	8.26	5.7	2.072	107.0	1.4	0.3
1066	10/2/2016 18:16:06	15.63	51.62	33.97	8.57	8.25	5.8	1.957	105.9	1.8	0.4
1067	10/2/2016 18:31:06	15.68	51.65	33.99	8.43	8.25	5.8	1.868	104.4	2.0	0.5
1068	10/2/2016 18:46:06	15.77	51.65	33.99	8.27	8.23	5.8	1.783	102.6	1.6	0.4
1069	10/2/2016 19:01:06	15.76	51.64	33.98	8.36	8.24	5.6	1.705	103.7	1.8	0.4
1070	10/2/2016 19:16:06	15.77	51.64	33.98	8.43	8.26	7.2	1.646	104.6	2.4	0.6
1071	10/2/2016 19:31:05	15.89	51.59	33.95	8.30	8.25	6.2	1.628	103.1	1.7	0.4
1072	10/2/2016 19:46:06	15.90	51.65	33.99	8.11	8.24	23.9	1.618	100.8	1.7	0.4
1073	10/2/2016 20:01:05	15.93	51.69	34.02	8.40	8.25	8.5	1.623	104.5	1.8	0.4
1074	10/2/2016 20:16:06	15.88	51.65	33.99	8.36	8.24	16.4	1.668	103.9	2.1	0.5
1075	10/2/2016 20:31:05	16.14	51.68	34.02	8.21	8.23	18.9	1.729	102.6	1.9	0.5
1076	10/2/2016 20:46:05	16.29	51.71	34.04	8.30	8.24	19.3	1.797	104.1	2.0	0.5
1077	10/2/2016 21:01:05	16.23	51.64	33.99	8.17	8.22	20.8	1.873	102.3	1.7	0.4
1078	10/2/2016 21:16:06	16.30	51.42	33.83	7.92	8.20	20.6	1.962	99.2	2.2	0.5
1079	10/2/2016 21:31:05	16.19	51.50	33.89	7.98	8.20	15.3	2.049	99.8	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
1080	10/2/2016 21:46:05	16.05	51.53	33.91	8.01	8.20	21.6	2.141	99.8	2.2	0.5
1081	10/2/2016 22:01:06	15.99	51.54	33.91	8.02	8.20	17.5	2.224	99.9	1.5	0.3
1082	10/2/2016 22:16:06	15.99	51.55	33.92	8.01	8.21	11.9	2.310	99.8	2.3	0.5
1083	10/2/2016 22:31:06	15.77	51.58	33.94	7.87	8.19	6.6	2.394	97.6	2.3	0.5
1084	10/2/2016 22:46:06	15.64	51.59	33.94	7.67	8.18	5.6	2.472	94.9	2.4	0.6
1085	10/2/2016 23:01:06	15.56	51.60	33.95	7.62	8.18	5.8	2.566	94.1	2.1	0.5
1086	10/2/2016 23:16:06	15.54	51.59	33.94	7.60	8.17	6.1	2.651	93.8	2.2	0.5
1087	10/2/2016 23:31:06	15.34	51.59	33.93	7.55	8.18	6.5	2.726	92.8	2.1	0.5
1088	10/2/2016 23:46:05	15.11	51.57	33.91	7.52	8.17	6.1	2.802	92.0	1.9	0.4
1089	10/3/2016 00:01:05	15.03	51.55	33.90	7.51	8.17	6.7	2.889	91.8	2.0	0.5
1090	10/3/2016 00:16:05	14.89	51.55	33.90	7.48	8.18	7.7	2.971	91.2	2.3	0.5
1091	10/3/2016 00:31:05	14.52	51.52	33.86	7.54	8.18	7.3	3.050	91.2	2.3	0.5
1092	10/3/2016 00:46:05	14.25	51.50	33.84	7.56	8.18	6.2	3.128	90.9	2.7	0.6
1093	10/3/2016 01:01:06	14.04	51.51	33.84	7.53	8.19	6.2	3.205	90.2	3.2	0.8
1094	10/3/2016 01:16:05	13.86	51.49	33.82	7.52	8.19	6.1	3.274	89.7	2.9	0.7
1095	10/3/2016 01:31:05	13.63	51.50	33.82	7.58	8.21	4.7	3.336	90.0	2.6	0.6
1096	10/3/2016 01:46:05	13.59	51.49	33.81	7.63	8.21	3.4	3.383	90.5	2.7	0.6
1097	10/3/2016 02:01:05	13.50	51.53	33.84	7.57	8.22	2.6	3.422	89.6	2.6	0.6
1098	10/3/2016 02:16:06	14.03	51.39	33.75	7.31	8.19	3.6	3.443	87.5	2.9	0.7
1099	10/3/2016 02:31:05	13.52	51.48	33.80	7.62	8.21	3.4	3.437	90.2	2.0	0.5
1100	10/3/2016 02:46:05	13.39	51.45	33.77	7.76	8.23	3.1	3.414	91.6	2.5	0.6
1101	10/3/2016 03:01:05	13.74	51.48	33.81	7.53	8.20	4.4	3.364	89.6	2.1	0.5
1102	10/3/2016 03:16:05	14.29	51.54	33.87	7.14	8.16	22.5	3.310	86.0	2.3	0.5
1103	10/3/2016 03:31:06	14.49	51.56	33.89	7.04	8.14	6.9	3.234	85.1	1.8	0.4
1104	10/3/2016 03:46:05	14.00	51.52	33.85	7.34	8.18	7.0	3.136	87.8	2.3	0.5
1105	10/3/2016 04:01:06	13.76	51.54	33.85	7.38	8.18	5.9	3.049	87.8	1.9	0.4
1106	10/3/2016 04:16:05	14.21	51.57	33.89	7.31	8.16	5.5	2.964	87.9	3.0	0.7
1107	10/3/2016 04:31:05	14.42	51.58	33.90	7.27	8.16	5.5	2.869	87.7	2.7	0.6
1108	10/3/2016 04:46:05	14.59	51.60	33.92	7.13	8.14	5.6	2.778	86.3	2.1	0.5
1109	10/3/2016 05:01:05	14.79	51.62	33.94	7.06	8.13	5.7	2.677	85.9	1.9	0.5
1110	10/3/2016 05:16:05	14.89	51.64	33.96	7.06	8.13	6.9	2.603	86.0	1.9	0.5
1111	10/3/2016 05:31:05	14.99	51.65	33.97	7.09	8.13	6.6	2.526	86.6	2.0	0.5
1112	10/3/2016 05:46:05	15.03	51.64	33.96	7.03	8.13	6.6	2.429	85.9	1.8	0.4
1113	10/3/2016 06:01:05	14.98	51.64	33.96	7.00	8.12	6.5	2.343	85.5	2.0	0.5
1114	10/3/2016 06:16:05	15.05	51.68	33.99	7.02	8.12	6.3	2.276	85.8	1.7	0.4
1115	10/3/2016 06:31:06	15.07	51.67	33.99	7.04	8.12	5.9	2.203	86.2	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
1116	10/3/2016 06:46:05	15.00	51.65	33.97	7.06	8.13	6.2	2.117	86.2	1.6	0.4
1117	10/3/2016 07:01:05	14.94	51.64	33.96	6.97	8.12	6.4	2.061	85.0	1.7	0.4
1118	10/3/2016 07:16:05	15.09	51.64	33.97	7.16	8.14	5.7	2.034	87.6	2.3	0.5
1119	10/3/2016 07:31:05	15.07	51.62	33.95	7.19	8.13	5.1	2.000	87.9	2.3	0.6
1120	10/3/2016 07:46:05	15.26	51.61	33.95	7.26	8.15	5.6	1.982	89.1	1.4	0.3
1121	10/3/2016 08:01:05	15.31	51.66	33.98	7.26	8.14	4.4	1.987	89.3	1.6	0.4
1122	10/3/2016 08:16:05	15.25	51.65	33.98	7.33	8.16	4.3	2.020	90.0	1.6	0.4
1123	10/3/2016 08:31:05	15.23	51.64	33.97	7.31	8.16	4.6	2.060	89.6	1.7	0.4
1124	10/3/2016 08:46:06	15.28	51.66	33.99	7.40	8.17	4.3	2.104	90.9	2.1	0.5
1125	10/3/2016 09:01:06	15.25	51.67	33.99	7.38	8.18	4.8	2.175	90.6	1.6	0.4
1126	10/3/2016 09:16:06	15.16	51.65	33.98	7.35	8.17	6.2	2.258	90.1	1.7	0.4
1127	10/3/2016 09:31:06	15.08	51.63	33.96	7.33	8.16	6.2	2.341	89.6	1.8	0.4
1128	10/3/2016 09:46:06	14.99	51.62	33.95	7.29	8.16	6.3	2.414	89.0	1.5	0.4
1129	10/3/2016 10:01:06	14.93	51.63	33.96	7.27	8.15	5.9	2.494	88.6	1.3	0.3
1130	10/3/2016 10:16:06	14.87	51.62	33.95	7.28	8.15	5.9	2.581	88.6	2.1	0.5
1131	10/3/2016 10:31:05	14.74	51.61	33.94	7.32	8.16	5.4	2.657	88.9	1.9	0.5
1132	10/3/2016 10:46:06	14.71	51.61	33.93	7.33	8.16	5.7	2.727	89.0	2.6	0.6
1133	10/3/2016 11:01:05	14.67	51.61	33.93	7.36	8.16	5.8	2.822	89.3	1.7	0.4
1134	10/3/2016 11:16:06	14.49	51.59	33.91	7.37	8.16	5.9	2.896	89.0	2.0	0.5
1135	10/3/2016 11:31:05	14.35	51.57	33.90	7.39	8.17	6.8	2.977	89.0	1.9	0.4
1136	10/3/2016 11:46:05	14.18	51.58	33.90	7.43	8.18	6.4	3.063	89.2	1.9	0.5
1137	10/3/2016 12:01:06	13.99	51.55	33.87	7.44	8.18	6.5	3.137	89.0	1.5	0.4
1138	10/3/2016 12:16:05	13.72	51.56	33.87	7.50	8.18	6.0	3.219	89.2	2.3	0.6
1139	10/3/2016 12:31:05	13.36	51.51	33.82	7.55	8.19	6.2	3.308	89.1	2.7	0.6
1140	10/3/2016 12:46:05	13.03	51.52	33.81	7.61	8.21	5.9	3.379	89.2	2.5	0.6
1141	10/3/2016 13:01:05	12.85	51.54	33.82	7.60	8.21	6.0	3.451	88.8	2.4	0.6
1142	10/3/2016 13:16:05	12.57	51.52	33.79	7.64	8.22	4.8	3.515	88.6	2.5	0.6
1143	10/3/2016 13:31:05	12.50	51.54	33.80	7.65	8.22	4.3	3.566	88.7	2.8	0.7
1144	10/3/2016 13:46:05	13.05	51.74	33.97	7.56	8.21	4.3	3.612	88.8	2.9	0.7
1145	10/3/2016 14:01:05	12.62	51.49	33.77	7.67	8.21	3.4	3.627	89.2	2.5	0.6
1146	10/3/2016 14:16:05	12.55	51.55	33.81	7.58	8.21	3.5	3.629	88.0	2.2	0.5
1147	10/3/2016 14:31:05	12.34	51.51	33.77	7.52	8.20	14.9	3.614	86.9	1.6	0.4
1148	10/3/2016 14:46:05	12.53	51.50	33.77	7.51	8.21	2.5	3.579	87.1	2.4	0.6
1149	10/3/2016 15:01:04	14.01	51.54	33.86	8.28	8.24	4.3	3.511	99.1	2.1	0.5
1150	10/3/2016 15:16:05	13.50	51.57	33.86	8.10	8.22	4.2	3.436	95.9	1.9	0.5
1151	10/3/2016 15:31:05	13.93	51.57	33.88	8.31	8.24	4.2	3.364	99.3	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
1152	10/3/2016 15:46:06	14.10	51.61	33.91	8.42	8.25	5.0	3.263	101.0	2.6	0.6
1153	10/3/2016 16:01:05	13.86	51.57	33.88	8.13	8.23	5.6	3.160	97.0	2.4	0.6
1154	10/3/2016 16:16:06	14.07	51.59	33.90	8.05	8.22	5.6	3.057	96.4	2.3	0.6
1155	10/3/2016 16:31:06	14.31	51.60	33.92	8.18	8.22	6.1	2.954	98.5	2.6	0.6
1156	10/3/2016 16:46:05	14.51	51.63	33.94	8.24	8.22	7.5	2.858	99.7	2.6	0.6
1157	10/3/2016 17:01:05	14.63	51.63	33.95	8.32	8.23	5.6	2.748	100.9	2.5	0.6
1158	10/3/2016 17:16:06	14.84	51.66	33.97	8.44	8.25	6.8	2.635	102.8	2.4	0.6
1159	10/3/2016 17:31:06	14.96	51.65	33.97	8.23	8.23	6.5	2.540	100.4	2.3	0.5
1160	10/3/2016 17:46:06	15.03	51.67	33.98	8.31	8.24	6.8	2.433	101.5	1.9	0.4
1161	10/3/2016 18:01:06	15.09	51.67	33.99	8.27	8.23	6.8	2.314	101.2	1.9	0.4
1162	10/3/2016 18:16:06	15.10	51.68	34.00	8.27	8.23	6.4	2.211	101.2	2.5	0.6
1163	10/3/2016 18:31:05	15.08	51.68	34.00	8.19	8.23	6.5	2.101	100.2	2.4	0.6
1164	10/3/2016 18:46:05	15.06	51.68	33.99	8.05	8.21	6.6	1.995	98.5	2.5	0.6
1165	10/3/2016 19:01:06	15.02	51.68	33.99	8.03	8.21	6.1	1.902	98.2	2.2	0.5
1166	10/3/2016 19:16:05	15.02	51.67	33.99	8.03	8.21	6.7	1.804	98.1	2.9	0.7
1167	10/3/2016 19:31:05	15.08	51.67	33.99	7.93	8.21	6.2	1.739	97.0	2.2	0.5
1168	10/3/2016 19:46:06	15.14	51.67	33.99	7.88	8.21	7.0	1.685	96.5	1.8	0.4
1169	10/3/2016 20:01:06	15.14	51.67	33.99	7.85	8.21	6.4	1.647	96.1	2.1	0.5
1170	10/3/2016 20:16:06	15.17	51.64	33.97	7.66	8.20	4.8	1.634	93.8	2.1	0.5
1171	10/3/2016 20:31:05	15.18	51.62	33.95	7.93	8.21	5.5	1.640	97.2	2.0	0.5
1172	10/3/2016 20:46:05	15.12	51.66	33.98	7.92	8.21	5.1	1.687	97.0	2.3	0.5
1173	10/3/2016 21:01:05	15.27	51.69	34.01	7.91	8.21	5.3	1.726	97.2	2.2	0.5
1174	10/3/2016 21:16:05	15.35	51.72	34.03	7.97	8.21	5.2	1.797	98.0	2.0	0.5
1175	10/3/2016 21:31:05	15.35	51.71	34.03	7.97	8.21	5.6	1.867	98.0	2.0	0.5
1176	10/3/2016 21:46:05	15.30	51.55	33.90	7.93	8.20	6.9	1.960	97.4	2.3	0.6
1177	10/3/2016 22:01:06	15.26	51.52	33.89	7.93	8.19	7.6	2.042	97.3	2.4	0.6
1178	10/3/2016 22:16:06	15.19	51.56	33.91	7.89	8.20	6.6	2.110	96.6	2.4	0.6
1179	10/3/2016 22:31:05	15.16	51.59	33.93	7.89	8.20	6.0	2.212	96.7	1.9	0.5
1180	10/3/2016 22:46:06	15.14	51.59	33.93	7.90	8.20	6.2	2.281	96.7	2.5	0.6
1181	10/3/2016 23:01:06	15.12	51.60	33.94	7.89	8.20	6.0	2.365	96.6	2.0	0.5
1182	10/3/2016 23:16:05	15.07	51.60	33.94	7.85	8.19	6.0	2.441	96.0	2.5	0.6
1183	10/3/2016 23:31:05	14.98	51.56	33.91	7.76	8.19	5.8	2.513	94.7	2.5	0.6
1184	10/3/2016 23:46:05	14.92	51.60	33.93	7.73	8.18	5.9	2.611	94.2	2.7	0.6
1185	10/4/2016 00:01:06	14.91	51.60	33.93	7.65	8.17	6.3	2.677	93.3	2.0	0.5
1186	10/4/2016 00:16:06	14.86	51.59	33.92	7.62	8.17	6.8	2.757	92.8	2.8	0.7
1187	10/4/2016 00:31:05	14.70	51.57	33.91	7.63	8.17	6.4	2.833	92.6	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
1188	10/4/2016 00:46:05	14.58	51.56	33.90	7.61	8.17	6.7	2.910	92.2	2.1	0.5
1189	10/4/2016 01:01:05	14.44	51.56	33.89	7.59	8.16	6.7	2.992	91.6	2.3	0.5
1190	10/4/2016 01:16:06	14.16	51.51	33.85	7.62	8.17	8.4	3.053	91.5	2.9	0.7
1191	10/4/2016 01:31:06	14.01	51.50	33.83	7.60	8.17	5.9	3.126	90.9	2.8	0.7
1192	10/4/2016 01:46:05	13.76	51.52	33.84	7.57	8.17	6.3	3.197	90.1	2.3	0.5
1193	10/4/2016 02:01:05	13.58	51.51	33.82	7.51	8.17	5.1	3.252	89.1	2.4	0.6
1194	10/4/2016 02:16:06	13.44	51.49	33.80	7.47	8.17	4.4	3.298	88.3	3.0	0.7
1195	10/4/2016 02:31:06	13.37	51.68	33.94	7.45	8.17	4.3	3.327	88.0	2.6	0.6
1196	10/4/2016 02:46:05	13.35	51.57	33.86	7.33	8.16	3.1	3.364	86.5	3.0	0.7
1197	10/4/2016 03:01:05	13.57	51.48	33.80	7.34	8.16	5.6	3.373	87.0	1.8	0.4
1198	10/4/2016 03:16:05	13.14	51.50	33.80	7.39	8.17	3.1	3.349	86.9	1.7	0.4
1199	10/4/2016 03:31:05	13.49	51.49	33.80	7.37	8.17	4.2	3.314	87.2	2.0	0.5
1200	10/4/2016 03:46:05	13.73	51.54	33.85	7.31	8.15	4.2	3.279	87.0	2.5	0.6
1201	10/4/2016 04:01:05	14.31	51.52	33.86	6.98	8.12	5.9	3.223	84.0	2.7	0.6
1202	10/4/2016 04:16:05	14.08	51.52	33.85	7.20	8.13	6.4	3.129	86.3	2.5	0.6
1203	10/4/2016 04:31:06	13.87	51.53	33.85	7.23	8.14	5.6	3.047	86.3	3.3	0.8
1204	10/4/2016 04:46:06	13.99	51.52	33.84	7.19	8.14	5.1	2.975	86.0	2.8	0.7
1205	10/4/2016 05:01:06	14.14	51.55	33.88	7.18	8.13	5.5	2.893	86.1	1.8	0.4
1206	10/4/2016 05:16:05	14.20	51.53	33.86	7.18	8.13	5.3	2.802	86.2	2.0	0.5
1207	10/4/2016 05:31:05	14.40	51.57	33.89	7.08	8.12	5.3	2.731	85.4	1.9	0.5
1208	10/4/2016 05:46:06	14.74	51.59	33.92	6.98	8.11	5.6	2.648	84.8	2.3	0.5
1209	10/4/2016 06:01:05	14.63	51.61	33.93	6.88	8.11	6.2	2.579	83.4	2.3	0.5
1210	10/4/2016 06:16:05	14.76	51.60	33.93	6.93	8.11	5.7	2.498	84.2	2.3	0.5
1211	10/4/2016 06:31:06	14.80	51.60	33.93	6.93	8.11	5.5	2.440	84.3	2.3	0.5
1212	10/4/2016 06:46:06	14.79	51.59	33.92	6.83	8.11	6.4	2.364	83.0	2.0	0.5
1213	10/4/2016 07:01:06	14.66	51.61	33.93	6.70	8.09	7.0	2.310	81.3	1.8	0.4
1214	10/4/2016 07:16:06	14.70	51.62	33.94	6.70	8.09	6.4	2.241	81.3	1.7	0.4
1215	10/4/2016 07:31:06	14.65	51.60	33.92	6.69	8.09	6.2	2.199	81.2	1.8	0.4
1216	10/4/2016 07:46:06	14.68	51.62	33.94	6.77	8.10	5.7	2.155	82.1	1.6	0.4
1217	10/4/2016 08:01:06	14.71	51.58	33.91	6.80	8.10	5.4	2.139	82.5	1.6	0.4
1218	10/4/2016 08:16:05	14.75	51.55	33.89	6.70	8.10	4.7	2.123	81.3	1.8	0.4
1219	10/4/2016 08:31:06	14.80	51.56	33.90	6.90	8.11	4.6	2.122	83.9	2.2	0.5
1220	10/4/2016 08:46:06	14.83	51.60	33.93	7.01	8.13	4.5	2.145	85.3	1.8	0.4
1221	10/4/2016 09:01:05	14.86	51.59	33.93	6.99	8.13	5.0	2.183	85.1	2.2	0.5
1222	10/4/2016 09:16:06	15.00	51.65	33.97	7.24	8.14	4.7	2.234	88.5	2.0	0.5
1223	10/4/2016 09:31:05	14.99	51.64	33.97	7.28	8.14	4.6	2.296	88.9	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
1224	10/4/2016 09:46:05	14.96	51.57	33.91	7.30	8.14	5.0	2.367	89.1	1.3	0.3
1225	10/4/2016 10:01:05	14.90	51.60	33.93	7.26	8.14	5.6	2.437	88.5	1.5	0.4
1226	10/4/2016 10:16:06	14.80	51.58	33.92	7.16	8.13	5.8	2.513	87.1	2.0	0.5
1227	10/4/2016 10:31:05	14.75	51.58	33.91	7.14	8.13	5.7	2.586	86.8	1.9	0.5
1228	10/4/2016 10:46:05	14.73	51.58	33.91	7.17	8.13	5.2	2.658	87.1	2.3	0.5
1229	10/4/2016 11:01:06	14.68	51.57	33.91	7.23	8.14	5.3	2.737	87.7	1.8	0.4
1230	10/4/2016 11:16:05	14.50	51.56	33.89	7.31	8.15	4.9	2.801	88.4	2.0	0.5
1231	10/4/2016 11:31:06	14.43	51.56	33.89	7.33	8.15	5.1	2.877	88.5	2.2	0.5
1232	10/4/2016 11:46:05	14.40	51.57	33.90	7.35	8.15	5.4	2.951	88.6	2.1	0.5
1233	10/4/2016 12:01:05	14.29	51.58	33.90	7.34	8.15	5.3	3.030	88.4	1.7	0.4
1234	10/4/2016 12:16:05	14.07	51.54	33.87	7.25	8.14	5.7	3.102	86.9	2.0	0.5
1235	10/4/2016 12:31:06	13.90	51.56	33.87	7.21	8.14	5.0	3.171	86.1	2.4	0.6
1236	10/4/2016 12:46:05	13.82	51.55	33.86	7.23	8.14	5.9	3.262	86.1	2.0	0.5
1237	10/4/2016 13:01:05	13.57	51.53	33.84	7.34	8.15	5.5	3.335	87.0	2.3	0.6
1238	10/4/2016 13:16:05	13.27	51.51	33.81	7.37	8.15	5.0	3.399	86.8	2.4	0.6
1239	10/4/2016 13:31:06	13.05	51.50	33.80	7.41	8.16	4.7	3.468	86.9	2.1	0.5
1240	10/4/2016 13:46:05	12.76	51.52	33.80	7.49	8.17	3.9	3.519	87.3	2.7	0.6
1241	10/4/2016 14:01:05	12.59	51.52	33.79	7.50	8.18	3.4	3.555	87.2	2.7	0.6
1242	10/4/2016 14:16:05	12.56	51.48	33.76	7.52	8.18	2.7	3.590	87.3	2.2	0.5
1243	10/4/2016 14:31:05	12.52	51.45	33.74	7.35	8.18	2.3	3.622	85.2	1.8	0.4
1244	10/4/2016 14:46:05	12.68	51.52	33.80	7.43	8.18	2.5	3.615	86.4	1.8	0.4
1245	10/4/2016 15:01:05	12.64	51.48	33.77	7.39	8.18	2.3	3.595	85.9	2.0	0.5
1246	10/4/2016 15:16:05	12.69	51.51	33.79	7.43	8.18	2.6	3.566	86.5	1.7	0.4
1247	10/4/2016 15:31:05	12.88	51.52	33.81	7.45	8.18	3.9	3.504	87.0	2.0	0.5
1248	10/4/2016 15:46:05	14.10	51.50	33.84	8.15	8.23	3.9	3.423	97.7	2.1	0.5
1249	10/4/2016 16:01:05	14.32	51.50	33.84	8.45	8.23	4.9	3.341	101.8	2.2	0.5
1250	10/4/2016 16:16:05	14.12	51.53	33.86	8.20	8.22	4.7	3.251	98.4	2.6	0.6
1251	10/4/2016 16:31:05	14.48	51.54	33.87	8.22	8.21	4.5	3.153	99.3	2.4	0.6
1252	10/4/2016 16:46:05	14.68	51.53	33.88	8.09	8.20	4.8	3.065	98.1	2.0	0.5
1253	10/4/2016 17:01:05	14.91	51.50	33.86	8.30	8.22	5.4	2.961	101.2	2.1	0.5
1254	10/4/2016 17:16:05	15.16	51.54	33.90	8.50	8.23	8.7	2.862	104.0	1.5	0.4
1255	10/4/2016 17:31:05	15.27	51.55	33.91	8.35	8.21	9.1	2.768	102.6	1.6	0.4
1256	10/4/2016 17:46:05	15.44	51.55	33.91	8.58	8.22	5.9	2.664	105.7	1.7	0.4
1257	10/4/2016 18:01:05	15.61	51.55	33.91	8.65	8.25	5.7	2.567	106.9	1.8	0.4
1258	10/4/2016 18:16:05	15.64	51.57	33.93	8.69	8.23	6.7	2.457	107.4	1.1	0.3
1259	10/4/2016 18:31:06	15.71	51.55	33.91	8.76	8.24	5.9	2.358	108.5	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
1260	10/4/2016 18:46:06	15.73	51.57	33.93	8.83	8.24	6.3	2.240	109.4	1.8	0.4
1261	10/4/2016 19:01:06	15.69	51.58	33.93	8.41	8.21	6.0	2.125	104.1	2.1	0.5
1262	10/4/2016 19:16:06	15.69	51.57	33.93	8.39	8.21	5.8	2.032	103.8	1.3	0.3
1263	10/4/2016 19:31:06	15.72	51.56	33.92	8.43	8.22	5.4	1.923	104.4	1.9	0.5
1264	10/4/2016 19:46:06	15.71	51.57	33.93	8.54	8.23	6.1	1.833	105.8	2.3	0.5
1265	10/4/2016 20:01:05	15.73	51.58	33.94	8.44	8.23	6.1	1.758	104.6	1.8	0.4
1266	10/4/2016 20:16:06	15.79	51.58	33.94	8.34	8.22	5.5	1.693	103.5	2.2	0.5
1267	10/4/2016 20:31:06	15.86	51.53	33.91	8.28	8.21	5.4	1.659	102.8	2.7	0.7
1268	10/4/2016 20:46:05	16.02	51.52	33.90	8.38	8.22	5.1	1.623	104.4	1.5	0.4
1269	10/4/2016 21:01:06	16.22	51.56	33.93	8.50	8.23	4.7	1.638	106.4	1.8	0.4
1270	10/4/2016 21:16:05	16.09	51.60	33.96	8.62	8.23	4.8	1.651	107.6	1.9	0.4
1271	10/4/2016 21:31:06	16.13	51.58	33.94	8.63	8.23	4.3	1.677	107.8	2.1	0.5
1272	10/4/2016 21:46:05	16.26	51.61	33.97	8.80	8.24	4.3	1.732	110.1	1.5	0.4
1273	10/4/2016 22:01:06	16.29	51.68	34.02	8.88	8.25	4.4	1.819	111.3	1.8	0.4
1274	10/4/2016 22:16:06	16.28	51.60	33.97	8.62	8.22	5.4	1.882	108.0	1.7	0.4
1275	10/4/2016 22:31:05	16.51	51.48	33.88	8.29	8.19	7.4	1.962	104.3	2.0	0.5
1276	10/4/2016 22:46:05	16.41	51.47	33.87	8.31	8.18	6.6	2.038	104.2	2.0	0.5
1277	10/4/2016 23:01:06	16.20	51.54	33.91	8.34	8.19	6.1	2.106	104.3	2.5	0.6
1278	10/4/2016 23:16:06	16.14	51.55	33.92	8.34	8.20	5.7	2.194	104.2	2.2	0.5
1279	10/4/2016 23:31:05	16.11	51.56	33.93	8.34	8.20	5.9	2.269	104.1	2.5	0.6
1280	10/4/2016 23:46:06	15.98	51.56	33.93	8.35	8.20	5.8	2.343	103.9	2.5	0.6
1281	10/5/2016 00:01:05	15.69	51.56	33.92	8.02	8.18	5.2	2.421	99.3	2.4	0.6
1282	10/5/2016 00:16:06	15.57	51.52	33.89	7.84	8.17	5.3	2.495	96.7	1.8	0.4
1283	10/5/2016 00:31:06	15.49	51.56	33.92	7.77	8.16	5.0	2.562	95.8	2.4	0.6
1284	10/5/2016 00:46:06	15.44	51.55	33.91	7.70	8.16	5.3	2.641	94.8	2.1	0.5
1285	10/5/2016 01:01:06	15.30	51.53	33.89	7.60	8.15	5.7	2.710	93.3	2.0	0.5
1286	10/5/2016 01:16:05	15.09	51.54	33.89	7.56	8.15	5.6	2.783	92.5	1.8	0.4
1287	10/5/2016 01:31:05	14.97	51.50	33.86	7.55	8.15	5.4	2.857	92.1	1.9	0.5
1288	10/5/2016 01:46:06	14.91	51.53	33.88	7.51	8.15	5.4	2.915	91.5	2.2	0.5
1289	10/5/2016 02:01:06	14.78	51.50	33.86	7.49	8.15	6.0	2.989	91.1	2.3	0.5
1290	10/5/2016 02:16:06	14.58	51.49	33.84	7.47	8.15	6.1	3.061	90.3	2.1	0.5
1291	10/5/2016 02:31:06	14.36	51.48	33.83	7.47	8.15	5.8	3.121	90.0	2.3	0.5
1292	10/5/2016 02:46:06	14.25	51.48	33.83	7.39	8.14	5.1	3.158	88.9	1.9	0.4
1293	10/5/2016 03:01:06	14.15	51.42	33.78	7.39	8.15	4.8	3.211	88.6	2.6	0.6
1294	10/5/2016 03:16:05	14.07	51.46	33.81	7.41	8.15	5.3	3.242	88.7	2.8	0.7
1295	10/5/2016 03:31:06	14.39	51.20	33.62	7.28	8.15	5.3	3.252	87.7	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
1296	10/5/2016 03:46:06	14.06	51.48	33.82	7.27	8.14	3.0	3.274	87.1	2.3	0.6
1297	10/5/2016 04:01:05	13.82	51.45	33.79	7.32	8.15	2.9	3.258	87.3	2.2	0.5
1298	10/5/2016 04:16:05	14.06	51.46	33.81	7.30	8.14	3.4	3.214	87.4	2.0	0.5
1299	10/5/2016 04:31:05	14.31	51.42	33.79	7.24	8.14	4.5	3.185	87.2	2.2	0.5
1300	10/5/2016 04:46:05	14.80	51.50	33.86	7.04	8.11	6.8	3.120	85.6	1.7	0.4
1301	10/5/2016 05:01:05	14.90	51.54	33.89	6.92	8.10	9.0	3.062	84.4	1.9	0.4
1302	10/5/2016 05:16:06	14.59	51.51	33.86	7.07	8.12	6.7	2.993	85.5	2.3	0.5
1303	10/5/2016 05:31:06	14.58	51.51	33.86	7.14	8.12	6.0	2.920	86.4	2.1	0.5
1304	10/5/2016 05:46:06	14.67	51.52	33.86	7.11	8.12	5.9	2.848	86.2	2.0	0.5
1305	10/5/2016 06:01:06	14.75	51.55	33.89	7.11	8.11	5.5	2.773	86.3	1.7	0.4
1306	10/5/2016 06:16:06	14.87	51.53	33.88	7.01	8.11	6.5	2.719	85.3	2.4	0.6
1307	10/5/2016 06:31:06	15.09	51.56	33.91	6.96	8.10	5.7	2.645	85.2	1.6	0.4
1308	10/5/2016 06:46:06	14.81	51.55	33.89	6.86	8.09	6.4	2.612	83.5	2.2	0.5
1309	10/5/2016 07:01:06	15.08	51.56	33.91	6.89	8.09	5.6	2.532	84.3	2.3	0.5
1310	10/5/2016 07:16:06	15.09	51.52	33.88	6.96	8.11	5.5	2.500	85.2	1.8	0.4
1311	10/5/2016 07:31:05	15.06	51.58	33.92	6.93	8.11	6.4	2.442	84.7	1.4	0.3
1312	10/5/2016 07:46:06	15.21	51.57	33.91	7.05	8.11	5.2	2.376	86.4	1.7	0.4
1313	10/5/2016 08:01:06	15.24	51.54	33.89	6.99	8.12	5.9	2.378	85.8	1.3	0.3
1314	10/5/2016 08:16:06	15.28	51.56	33.91	7.13	8.12	5.2	2.313	87.5	1.9	0.4
1315	10/5/2016 08:31:06	15.29	51.56	33.91	7.21	8.13	5.0	2.299	88.5	1.5	0.4
1316	10/5/2016 08:46:06	15.32	51.55	33.91	7.25	8.13	5.6	2.280	89.1	1.9	0.5
1317	10/5/2016 09:01:06	15.50	51.52	33.89	7.31	8.15	5.5	2.299	90.2	1.7	0.4
1318	10/5/2016 09:16:05	15.57	51.55	33.91	7.52	8.15	6.4	2.298	92.9	1.3	0.3
1319	10/5/2016 09:31:06	15.55	51.56	33.92	7.55	8.16	3.8	2.335	93.2	1.4	0.3
1320	10/5/2016 09:46:06	15.50	51.56	33.92	7.45	8.14	4.0	2.357	91.8	1.4	0.3
1321	10/5/2016 10:01:06	15.51	51.56	33.92	7.48	8.15	3.9	2.375	92.2	1.7	0.4
1322	10/5/2016 10:16:05	15.46	51.54	33.90	7.46	8.14	4.6	2.466	91.9	2.0	0.5
1323	10/5/2016 10:31:06	15.37	51.53	33.89	7.36	8.13	5.6	2.510	90.5	1.7	0.4
1324	10/5/2016 10:46:06	15.32	51.52	33.89	7.27	8.12	6.2	2.588	89.3	1.7	0.4
1325	10/5/2016 11:01:06	15.18	51.54	33.90	7.21	8.13	5.5	2.640	88.4	1.5	0.3
1326	10/5/2016 11:16:06	15.09	51.54	33.90	7.18	8.11	5.1	2.708	87.8	2.1	0.5
1327	10/5/2016 11:31:05	15.05	51.54	33.89	7.19	8.12	5.1	2.777	87.8	1.2	0.3
1328	10/5/2016 11:46:06	14.89	51.53	33.88	7.15	8.12	4.8	2.834	87.1	1.7	0.4
1329	10/5/2016 12:01:06	14.74	51.53	33.88	7.22	8.13	4.8	2.903	87.7	1.6	0.4
1330	10/5/2016 12:16:06	14.64	51.54	33.88	7.24	8.13	4.4	2.966	87.7	2.0	0.5
1331	10/5/2016 12:31:05	14.60	51.54	33.88	7.24	8.12	4.6	3.036	87.7	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
1332	10/5/2016 12:46:06	14.53	51.52	33.86	7.28	8.13	4.6	3.114	88.0	2.3	0.5
1333	10/5/2016 13:01:05	14.33	51.52	33.86	7.25	8.13	4.3	3.183	87.3	1.7	0.4
1334	10/5/2016 13:16:06	14.08	51.50	33.84	7.26	8.13	4.8	3.231	87.0	1.7	0.4
1335	10/5/2016 13:31:05	13.94	51.48	33.81	7.30	8.14	4.7	3.285	87.2	2.3	0.5
1336	10/5/2016 13:46:05	13.87	51.47	33.80	7.34	8.14	4.4	3.359	87.5	1.9	0.4
1337	10/5/2016 14:01:05	13.70	51.49	33.81	7.39	8.14	4.8	3.405	87.9	2.2	0.5
1338	10/5/2016 14:16:05	13.52	51.49	33.81	7.47	8.16	4.5	3.483	88.5	2.0	0.5
	Mean	15.28	51.71	34.01	7.10	8.13	5.82	2.66	87.34	2.23	0.53
	Minimum	12.33	51.15	33.53	5.81	8.04	1.80	1.41	68.50	1.10	0.30
	Maximum	18.26	52.07	34.33	9.46	8.29	43.00	3.79	121.70	9.10	2.20

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

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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	10/5/2016 14:31:38	14.30	50.68	33.24	8.05	7.78	17.4	3.080	96.5	2.6	0.6
1	10/5/2016 14:46:39	13.29	50.84	33.32	7.49	7.82	3.7	3.522	88.0	2.0	0.5
2	10/5/2016 15:01:39	13.34	50.91	33.38	7.47	7.83	3.4	3.527	87.9	1.8	0.4
3	10/5/2016 15:16:39	13.39	50.82	33.31	7.42	7.83	3.4	3.501	87.4	1.7	0.4
4	10/5/2016 15:31:39	13.28	50.81	33.30	7.41	7.83	3.2	3.485	87.1	1.4	0.3
5	10/5/2016 15:46:39	13.36	50.81	33.31	7.40	7.83	3.4	3.452	87.1	1.6	0.4
6	10/5/2016 16:01:39	13.61	50.84	33.33	7.38	7.84	4.3	3.395	87.3	2.3	0.5
7	10/5/2016 16:16:39	14.03	50.85	33.36	7.71	7.86	4.6	3.328	92.0	2.0	0.5
8	10/5/2016 16:31:39	14.63	50.83	33.36	8.20	7.91	4.9	3.243	99.1	1.9	0.4
9	10/5/2016 16:46:39	14.63	50.84	33.37	8.33	7.92	4.7	3.184	100.6	1.8	0.4
10	10/5/2016 17:01:39	14.68	50.88	33.40	8.18	7.91	5.0	3.101	98.9	2.3	0.5
11	10/5/2016 17:16:39	14.78	50.89	33.41	8.14	7.91	5.3	3.021	98.6	1.6	0.4
12	10/5/2016 17:31:39	15.00	50.90	33.42	8.27	7.92	5.5	2.932	100.7	2.1	0.5
13	10/5/2016 17:46:39	15.19	50.90	33.43	8.32	7.93	5.5	2.834	101.6	2.1	0.5
14	10/5/2016 18:01:39	15.41	50.90	33.43	8.57	7.95	5.7	2.749	105.2	2.2	0.5
15	10/5/2016 18:16:39	15.63	50.90	33.43	8.62	7.95	5.9	2.653	106.3	1.7	0.4
16	10/5/2016 18:31:39	15.77	50.92	33.45	8.46	7.95	6.1	2.560	104.6	2.1	0.5
17	10/5/2016 18:46:39	15.84	50.92	33.46	8.60	7.95	6.9	2.456	106.5	1.9	0.5
18	10/5/2016 19:01:39	15.81	50.92	33.45	8.63	7.96	7.3	2.384	106.7	1.9	0.4
19	10/5/2016 19:16:39	15.47	50.92	33.45	8.87	7.98	7.3	2.252	109.0	2.3	0.5
20	10/5/2016 19:31:39	15.69	50.84	33.39	8.68	7.97	8.0	2.149	107.1	2.3	0.5
21	10/5/2016 19:46:39	15.66	50.93	33.46	8.54	7.96	7.8	2.084	105.3	2.0	0.5
22	10/5/2016 20:01:39	15.63	50.94	33.46	8.41	7.96	7.5	1.973	103.7	2.8	0.6
23	10/5/2016 20:16:39	15.81	50.94	33.47	8.26	7.94	7.0	1.888	102.2	2.5	0.6
24	10/5/2016 20:31:39	15.81	50.90	33.44	8.24	7.95	7.3	1.780	102.0	2.0	0.5
25	10/5/2016 20:46:39	15.88	50.96	33.49	8.16	7.94	6.7	1.746	101.1	1.9	0.4
26	10/5/2016 21:01:39	15.91	50.96	33.49	8.15	7.95	6.6	1.711	101.0	2.8	0.7
27	10/5/2016 21:16:39	16.11	50.98	33.50	8.18	7.95	6.4	1.688	101.8	2.1	0.5
28	10/5/2016 21:31:39	16.32	50.99	33.51	8.37	7.97	6.1	1.624	104.6	1.9	0.4
29	10/5/2016 21:46:39	16.42	50.96	33.49	8.42	7.98	6.0	1.657	105.5	2.4	0.6
30	10/5/2016 22:01:39	16.46	50.99	33.52	8.68	7.99	6.1	1.660	108.8	2.2	0.5
31	10/5/2016 22:16:39	16.40	50.97	33.50	8.63	7.99	5.6	1.684	108.0	2.3	0.5
32	10/5/2016 22:31:39	16.41	51.01	33.53	8.64	7.99	5.5	1.746	108.2	2.4	0.6
33	10/5/2016 22:46:39	16.43	50.97	33.50	8.70	7.99	5.6	1.821	109.0	1.7	0.4
34	10/5/2016 23:01:39	16.36	50.98	33.51	8.59	7.98	5.8	1.873	107.5	1.9	0.5
35	10/5/2016 23:16:39	16.51	50.85	33.42	8.21	7.94	8.1	1.929	102.9	2.6	0.6
36	10/5/2016 23:31:39	16.56	50.82	33.40	8.10	7.93	8.3	2.019	101.7	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	10/5/2016 23:46:39	16.47	50.87	33.43	8.17	7.94	8.1	2.086	102.3	2.3	0.5
38	10/6/2016 00:01:39	16.32	50.89	33.44	8.20	7.94	7.1	2.150	102.4	2.2	0.5
39	10/6/2016 00:16:39	16.27	50.92	33.46	8.18	7.94	6.8	2.211	102.2	2.6	0.6
40	10/6/2016 00:31:39	16.23	50.92	33.46	8.18	7.94	6.7	2.290	102.0	2.7	0.6
41	10/6/2016 00:46:39	16.12	50.93	33.47	8.12	7.93	6.8	2.367	101.1	2.1	0.5
42	10/6/2016 01:01:39	15.91	50.94	33.47	7.84	7.91	6.4	2.441	97.1	2.2	0.5
43	10/6/2016 01:16:39	15.81	50.92	33.45	7.68	7.89	6.4	2.500	95.0	2.6	0.6
44	10/6/2016 01:31:39	15.73	50.92	33.45	7.59	7.88	6.1	2.576	93.8	2.3	0.5
45	10/6/2016 01:46:39	15.62	50.92	33.45	7.47	7.87	6.1	2.635	92.0	2.5	0.6
46	10/6/2016 02:01:39	15.46	50.89	33.43	7.36	7.86	6.0	2.699	90.4	2.2	0.5
47	10/6/2016 02:16:39	15.31	50.90	33.43	7.31	7.86	6.1	2.756	89.6	2.4	0.6
48	10/6/2016 02:31:39	15.16	50.92	33.44	7.29	7.85	5.7	2.818	89.0	1.8	0.4
49	10/6/2016 02:46:40	15.09	50.91	33.43	7.24	7.85	5.5	2.883	88.2	2.3	0.5
50	10/6/2016 03:01:39	15.01	50.89	33.42	7.19	7.85	5.4	2.932	87.5	2.1	0.5
51	10/6/2016 03:16:39	14.94	50.89	33.42	7.18	7.84	5.6	2.983	87.3	1.8	0.4
52	10/6/2016 03:31:39	14.83	50.86	33.39	7.16	7.84	5.2	3.015	86.9	2.2	0.5
53	10/6/2016 03:46:39	14.68	50.86	33.38	7.15	7.84	5.3	3.060	86.4	2.7	0.6
54	10/6/2016 04:01:39	14.63	50.87	33.39	7.12	7.84	5.3	3.098	86.0	2.5	0.6
55	10/6/2016 04:16:39	14.66	50.95	33.45	7.06	7.84	4.5	3.112	85.3	2.2	0.5
56	10/6/2016 04:31:39	14.69	50.91	33.42	7.04	7.83	4.5	3.121	85.2	2.2	0.5
57	10/6/2016 04:46:39	14.52	50.81	33.34	7.02	7.83	4.7	3.119	84.6	1.8	0.4
58	10/6/2016 05:01:39	14.67	50.86	33.38	7.00	7.83	4.7	3.074	84.7	1.8	0.4
59	10/6/2016 05:16:39	14.69	50.88	33.40	6.99	7.83	4.6	3.044	84.5	1.8	0.4
60	10/6/2016 05:31:39	14.97	50.90	33.42	6.90	7.83	6.4	3.002	83.9	2.0	0.5
61	10/6/2016 05:46:39	15.18	50.90	33.43	6.81	7.82	6.9	2.956	83.2	2.0	0.5
62	10/6/2016 06:01:39	15.14	50.94	33.45	6.81	7.82	6.7	2.900	83.2	2.2	0.5
63	10/6/2016 06:16:39	15.02	50.88	33.41	6.72	7.81	6.8	2.836	81.8	1.9	0.5
64	10/6/2016 06:31:39	15.00	50.91	33.43	6.84	7.82	6.0	2.764	83.2	1.8	0.4
65	10/6/2016 06:46:39	15.06	50.93	33.44	6.77	7.81	6.4	2.702	82.5	2.0	0.5
66	10/6/2016 07:01:39	15.19	50.91	33.44	6.75	7.82	6.4	2.656	82.5	2.2	0.5
67	10/6/2016 07:16:39	15.23	50.95	33.46	6.78	7.82	6.0	2.602	82.9	1.9	0.4
68	10/6/2016 07:31:39	15.22	50.93	33.45	6.67	7.81	6.5	2.542	81.5	2.0	0.5
69	10/6/2016 07:46:39	15.25	50.96	33.47	6.65	7.81	6.5	2.510	81.3	2.0	0.5
70	10/6/2016 08:01:40	15.43	50.99	33.49	6.73	7.82	6.4	2.460	82.6	1.6	0.4
71	10/6/2016 08:16:39	15.41	50.96	33.47	6.76	7.82	6.1	2.415	83.0	1.6	0.4
72	10/6/2016 08:31:39	15.51	50.95	33.47	6.88	7.83	5.7	2.382	84.6	1.8	0.4
73	10/6/2016 08:46:39	15.62	50.94	33.46	7.08	7.85	5.2	2.367	87.2	1.8	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	10/6/2016 09:01:39	15.68	50.95	33.47	7.12	7.86	5.4	2.340	87.8	2.1	0.5
75	10/6/2016 09:16:39	15.80	50.96	33.48	7.17	7.87	5.1	2.340	88.6	1.9	0.5
76	10/6/2016 09:31:39	15.82	50.96	33.48	7.13	7.87	4.8	2.341	88.2	1.7	0.4
77	10/6/2016 09:46:39	15.85	50.95	33.47	7.35	7.88	4.7	2.348	91.0	1.8	0.4
78	10/6/2016 10:01:39	15.81	50.97	33.49	7.33	7.88	4.8	2.367	90.7	1.9	0.5
79	10/6/2016 10:16:39	15.72	50.95	33.48	7.18	7.86	5.0	2.388	88.8	2.2	0.5
80	10/6/2016 10:31:39	15.71	50.96	33.48	7.15	7.86	4.9	2.427	88.3	2.2	0.5
81	10/6/2016 10:46:39	15.66	50.95	33.47	7.13	7.85	4.9	2.477	88.0	1.7	0.4
82	10/6/2016 11:01:39	15.63	50.95	33.47	7.10	7.85	5.1	2.519	87.6	1.9	0.5
83	10/6/2016 11:16:39	15.59	50.93	33.46	7.05	7.85	6.1	2.577	86.8	2.3	0.5
84	10/6/2016 11:31:39	15.47	50.95	33.47	7.04	7.84	5.7	2.633	86.5	2.4	0.6
85	10/6/2016 11:46:39	15.40	50.93	33.45	7.02	7.84	5.4	2.689	86.1	2.1	0.5
86	10/6/2016 12:01:39	15.32	50.92	33.44	6.95	7.83	5.3	2.741	85.2	2.4	0.6
87	10/6/2016 12:16:39	15.28	50.94	33.46	6.94	7.83	5.5	2.798	85.0	1.8	0.4
88	10/6/2016 12:31:39	15.04	50.90	33.43	6.97	7.83	5.0	2.863	84.9	2.5	0.6
89	10/6/2016 12:46:39	14.89	50.92	33.43	7.06	7.83	4.9	2.925	85.8	1.6	0.4
90	10/6/2016 13:01:39	14.78	50.91	33.42	7.12	7.84	4.7	2.981	86.3	2.6	0.6
91	10/6/2016 13:16:39	14.67	50.87	33.39	7.21	7.84	4.7	3.042	87.1	2.3	0.5
92	10/6/2016 13:31:39	14.56	50.86	33.38	7.27	7.84	4.4	3.099	87.8	1.9	0.4
93	10/6/2016 13:46:39	14.43	50.88	33.39	7.37	7.84	4.6	3.148	88.7	1.8	0.4
94	10/6/2016 14:01:39	14.23	50.88	33.38	7.52	7.85	4.5	3.200	90.1	2.0	0.5
95	10/6/2016 14:16:39	14.04	50.85	33.35	7.66	7.85	4.4	3.255	91.4	1.7	0.4
96	10/6/2016 14:31:39	13.89	50.82	33.33	7.74	7.85	4.6	3.302	92.0	2.4	0.6
97	10/6/2016 14:46:39	13.76	50.84	33.34	7.84	7.86	3.9	3.338	93.1	1.9	0.5
98	10/6/2016 15:01:39	13.70	50.86	33.35	7.85	7.86	3.9	3.373	93.1	2.4	0.6
99	10/6/2016 15:16:39	13.67	50.85	33.35	7.87	7.86	3.6	3.403	93.2	2.1	0.5
100	10/6/2016 15:31:38	13.66	50.83	33.33	7.84	7.86	2.9	3.410	92.8	1.4	0.3
101	10/6/2016 15:46:39	13.74	50.86	33.36	7.78	7.85	3.4	3.406	92.3	1.7	0.4
102	10/6/2016 16:01:39	13.67	50.85	33.34	7.90	7.86	3.7	3.396	93.6	2.0	0.5
103	10/6/2016 16:16:39	13.73	50.85	33.35	7.86	7.86	3.4	3.360	93.2	1.8	0.4
104	10/6/2016 16:31:39	13.78	50.85	33.35	7.83	7.86	3.5	3.310	93.0	1.8	0.4
105	10/6/2016 16:46:39	14.43	50.84	33.36	8.18	7.91	4.2	3.255	98.4	2.2	0.5
106	10/6/2016 17:01:39	15.43	50.87	33.41	8.96	7.98	4.5	3.204	110.0	2.1	0.5
107	10/6/2016 17:16:39	15.31	50.92	33.45	8.93	7.97	4.8	3.130	109.4	2.2	0.5
108	10/6/2016 17:31:39	14.96	50.86	33.39	8.56	7.95	4.5	3.052	104.1	2.5	0.6
109	10/6/2016 17:46:39	14.94	50.90	33.42	8.44	7.93	4.4	2.984	102.6	2.1	0.5
110	10/6/2016 18:01:39	15.17	50.88	33.41	8.31	7.92	5.0	2.904	101.5	1.8	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	10/6/2016 18:16:39	15.34	50.90	33.43	8.44	7.94	6.7	2.829	103.4	1.8	0.4
112	10/6/2016 18:31:39	15.58	50.93	33.46	8.50	7.95	5.3	2.745	104.7	1.9	0.4
113	10/6/2016 18:46:39	15.75	50.94	33.47	8.57	7.96	5.7	2.654	105.9	2.3	0.5
114	10/6/2016 19:01:39	15.94	50.95	33.47	8.60	7.96	5.7	2.575	106.6	1.9	0.5
115	10/6/2016 19:16:39	16.03	50.95	33.48	8.35	7.94	6.2	2.480	103.8	2.4	0.6
116	10/6/2016 19:31:39	15.96	50.96	33.48	8.45	7.95	6.2	2.385	104.9	2.1	0.5
117	10/6/2016 19:46:39	15.84	50.91	33.45	8.53	7.96	6.4	2.295	105.6	2.4	0.6
118	10/6/2016 20:01:39	15.82	50.92	33.45	8.52	7.96	6.5	2.200	105.5	2.4	0.6
119	10/6/2016 20:16:39	15.78	50.96	33.48	8.46	7.96	7.4	2.101	104.6	2.6	0.6
120	10/6/2016 20:31:39	15.93	50.93	33.46	8.33	7.95	6.7	2.015	103.3	2.3	0.5
121	10/6/2016 20:46:39	15.84	50.92	33.46	8.16	7.94	7.2	1.919	101.1	2.8	0.7
122	10/6/2016 21:01:39	15.98	50.97	33.49	8.11	7.94	6.7	1.853	100.7	2.2	0.5
123	10/6/2016 21:16:39	16.06	50.98	33.50	8.06	7.93	6.0	1.791	100.2	2.7	0.6
124	10/6/2016 21:31:39	16.22	50.96	33.49	8.13	7.94	6.0	1.720	101.4	2.3	0.5
125	10/6/2016 21:46:39	16.47	50.97	33.50	8.29	7.96	5.5	1.694	103.9	1.9	0.5
126	10/6/2016 22:01:39	16.71	51.00	33.53	8.53	7.99	5.0	1.664	107.4	2.4	0.6
127	10/6/2016 22:16:39	16.78	51.01	33.53	8.62	7.99	4.5	1.651	108.7	2.6	0.6
128	10/6/2016 22:31:39	16.77	50.99	33.52	8.71	8.00	4.5	1.670	109.8	2.3	0.5
129	10/6/2016 22:46:39	16.76	51.02	33.54	8.72	8.00	4.6	1.681	110.0	2.0	0.5
130	10/6/2016 23:01:39	16.70	51.02	33.54	8.67	7.99	4.7	1.719	109.3	2.6	0.6
131	10/6/2016 23:16:39	16.76	51.00	33.53	8.77	8.00	4.8	1.765	110.6	1.8	0.4
132	10/6/2016 23:31:39	16.72	51.01	33.53	8.68	7.99	5.1	1.825	109.3	2.4	0.6
133	10/6/2016 23:46:39	16.66	50.99	33.52	8.58	7.98	5.1	1.861	108.0	2.4	0.6
134	10/7/2016 00:01:39	16.85	50.82	33.40	8.11	7.93	7.0	1.944	102.4	2.9	0.7
135	10/7/2016 00:16:39	16.82	50.82	33.39	8.05	7.93	7.1	1.994	101.5	2.7	0.6
136	10/7/2016 00:31:39	16.78	50.87	33.43	8.08	7.93	6.9	2.046	101.9	2.7	0.6
137	10/7/2016 00:46:39	16.66	50.89	33.45	8.13	7.93	6.2	2.119	102.2	2.8	0.7
138	10/7/2016 01:01:39	16.58	50.91	33.46	8.12	7.93	6.2	2.176	102.0	2.6	0.6
139	10/7/2016 01:16:39	16.53	50.92	33.46	8.10	7.93	6.1	2.251	101.6	2.8	0.7
140	10/7/2016 01:31:39	16.44	50.80	33.38	8.08	7.93	5.6	2.309	101.2	2.2	0.5
141	10/7/2016 01:46:39	16.23	50.94	33.47	7.93	7.91	5.7	2.369	98.9	1.9	0.5
142	10/7/2016 02:01:39	16.07	50.94	33.47	7.74	7.89	5.3	2.444	96.2	2.1	0.5
143	10/7/2016 02:16:39	15.93	50.93	33.46	7.59	7.88	5.4	2.501	94.1	2.5	0.6
144	10/7/2016 02:31:39	15.85	50.92	33.46	7.55	7.88	5.0	2.560	93.5	2.1	0.5
145	10/7/2016 02:46:39	15.75	50.91	33.44	7.50	7.87	5.0	2.625	92.6	2.4	0.6
146	10/7/2016 03:01:39	15.57	50.92	33.45	7.43	7.86	4.8	2.672	91.4	2.4	0.6
147	10/7/2016 03:16:39	15.47	50.89	33.42	7.39	7.86	4.7	2.729	90.8	2.0	0.5

sonde #1

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
148	10/7/2016 03:31:39	15.30	50.88	33.41	7.40	7.85	4.9	2.788	90.6	2.7	0.6
149	10/7/2016 03:46:39	15.21	50.91	33.43	7.36	7.85	4.9	2.838	90.0	2.6	0.6
150	10/7/2016 04:01:39	15.15	50.89	33.42	7.33	7.84	4.8	2.875	89.4	1.8	0.4
151	10/7/2016 04:16:39	15.10	50.89	33.42	7.30	7.84	4.7	2.922	89.0	2.0	0.5
152	10/7/2016 04:31:39	14.96	50.88	33.41	7.31	7.84	4.4	2.965	88.9	2.4	0.6
153	10/7/2016 04:46:39	14.91	50.86	33.39	7.31	7.84	4.2	2.988	88.8	2.7	0.6
154	10/7/2016 05:01:39	14.85	50.86	33.39	7.26	7.84	8.5	3.012	88.1	2.8	0.7
155	10/7/2016 05:16:39	15.05	50.85	33.38	7.08	7.83	4.2	3.020	86.2	1.8	0.4
156	10/7/2016 05:31:39	14.93	50.90	33.42	7.11	7.83	3.9	3.028	86.5	2.3	0.5
157	10/7/2016 05:46:39	14.79	50.86	33.39	7.16	7.83	4.2	3.013	86.8	2.1	0.5
158	10/7/2016 06:01:39	14.88	50.86	33.39	7.18	7.83	4.3	2.974	87.2	2.2	0.5
159	10/7/2016 06:16:39	14.95	50.86	33.39	7.15	7.83	4.3	2.951	86.9	2.0	0.5
160	10/7/2016 06:31:39	15.12	50.91	33.43	6.97	7.82	5.1	2.915	85.0	2.1	0.5
161	10/7/2016 06:46:39	15.22	50.92	33.44	6.69	7.80	6.2	2.863	81.9	2.3	0.5
162	10/7/2016 07:01:39	15.22	50.98	33.48	6.64	7.80	7.0	2.807	81.2	2.5	0.6
163	10/7/2016 07:16:39	15.13	50.96	33.47	6.66	7.80	40.5	2.758	81.2	2.4	0.6
164	10/7/2016 07:31:39	15.16	50.93	33.45	6.84	7.81	6.0	2.705	83.6	1.9	0.5
165	10/7/2016 07:46:39	15.21	50.93	33.45	6.86	7.81	5.6	2.667	83.8	1.9	0.4
166	10/7/2016 08:01:39	15.21	50.94	33.45	6.82	7.81	5.4	2.608	83.4	2.0	0.5
167	10/7/2016 08:16:39	15.23	50.91	33.43	6.79	7.81	5.4	2.563	83.1	2.3	0.5
168	10/7/2016 08:31:39	15.25	50.86	33.40	6.83	7.81	5.3	2.533	83.5	2.0	0.5
169	10/7/2016 08:46:39	15.41	50.95	33.47	6.90	7.82	4.9	2.499	84.7	1.9	0.4
170	10/7/2016 09:01:39	15.41	50.95	33.47	6.96	7.83	5.0	2.462	85.4	2.2	0.5
171	10/7/2016 09:16:39	15.50	50.95	33.47	7.08	7.84	5.0	2.442	87.0	2.2	0.5
172	10/7/2016 09:31:39	15.61	50.95	33.47	7.18	7.85	4.8	2.432	88.5	2.4	0.6
173	10/7/2016 09:46:39	15.73	50.95	33.47	7.21	7.86	4.7	2.411	89.0	2.6	0.6
174	10/7/2016 10:01:39	15.75	50.93	33.46	6.99	7.86	3.9	2.405	86.4	1.8	0.4
175	10/7/2016 10:16:39	15.80	50.96	33.48	7.25	7.87	4.5	2.405	89.7	2.0	0.5
176	10/7/2016 10:31:39	15.74	50.95	33.48	7.27	7.86	4.8	2.418	89.9	2.2	0.5
177	10/7/2016 10:46:39	15.68	50.96	33.48	7.18	7.85	4.7	2.436	88.7	2.7	0.6
178	10/7/2016 11:01:39	15.66	50.93	33.46	7.14	7.85	4.6	2.456	88.1	2.7	0.6
179	10/7/2016 11:16:39	15.61	50.95	33.47	7.07	7.84	4.5	2.489	87.1	2.2	0.5
180	10/7/2016 11:31:39	15.60	50.93	33.46	7.09	7.84	4.8	2.522	87.4	2.0	0.5
181	10/7/2016 11:46:39	15.56	50.91	33.44	7.14	7.84	4.9	2.560	87.9	2.4	0.6
182	10/7/2016 12:01:39	15.46	50.93	33.45	7.12	7.84	4.8	2.613	87.5	2.0	0.5
183	10/7/2016 12:16:39	15.46	50.91	33.44	7.14	7.84	4.8	2.656	87.7	2.1	0.5
184	10/7/2016 12:31:39	15.42	50.91	33.44	7.17	7.84	5.0	2.700	88.0	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	10/7/2016 12:46:39	15.35	50.89	33.42	7.16	7.84	4.7	2.755	87.7	2.5	0.6
186	10/7/2016 13:01:39	15.26	50.90	33.43	7.13	7.83	4.5	2.802	87.2	2.0	0.5
187	10/7/2016 13:16:39	15.14	50.90	33.42	6.89	7.81	4.9	2.853	84.2	2.2	0.5
188	10/7/2016 13:31:39	14.98	50.89	33.42	7.18	7.83	4.8	2.900	87.3	2.1	0.5
189	10/7/2016 13:46:39	14.83	50.88	33.41	7.38	7.84	5.6	2.953	89.6	2.4	0.6
190	10/7/2016 14:01:39	14.78	50.87	33.39	7.45	7.84	4.0	2.997	90.2	2.5	0.6
191	10/7/2016 14:16:39	14.67	50.87	33.39	7.45	7.84	3.9	3.047	90.1	2.2	0.5
192	10/7/2016 14:31:39	14.56	50.87	33.39	7.52	7.84	3.9	3.091	90.7	2.4	0.6
193	10/7/2016 14:46:39	14.51	50.85	33.37	7.53	7.84	4.0	3.134	90.8	2.6	0.6
194	10/7/2016 15:01:39	14.43	50.85	33.37	7.59	7.85	3.6	3.187	91.3	2.2	0.5
195	10/7/2016 15:16:39	14.31	50.82	33.34	7.61	7.85	3.6	3.217	91.3	2.1	0.5
196	10/7/2016 15:31:39	14.23	50.81	33.33	7.66	7.85	3.4	3.246	91.7	2.1	0.5
197	10/7/2016 15:46:40	14.15	50.84	33.36	7.76	7.85	3.4	3.279	92.8	2.6	0.6
198	10/7/2016 16:01:39	14.09	50.85	33.36	7.76	7.86	3.4	3.298	92.8	2.4	0.6
199	10/7/2016 16:16:39	14.07	50.81	33.33	7.73	7.86	3.0	3.304	92.3	2.8	0.7
200	10/7/2016 16:31:39	14.09	50.84	33.35	7.70	7.85	3.0	3.299	92.0	1.9	0.5
201	10/7/2016 16:46:39	14.12	50.82	33.34	7.69	7.85	3.1	3.286	92.0	1.9	0.5
202	10/7/2016 17:01:39	14.17	50.81	33.34	7.67	7.85	3.4	3.270	91.8	1.7	0.4
203	10/7/2016 17:16:39	14.25	50.82	33.34	7.62	7.85	3.1	3.221	91.4	2.0	0.5
204	10/7/2016 17:31:39	14.80	50.84	33.37	7.86	7.88	4.0	3.165	95.2	2.2	0.5
205	10/7/2016 17:46:39	14.95	50.86	33.39	8.08	7.89	4.5	3.110	98.2	1.8	0.4
206	10/7/2016 18:01:39	15.26	50.86	33.40	8.29	7.92	4.2	3.050	101.4	2.0	0.5
207	10/7/2016 18:16:39	15.45	50.88	33.41	8.35	7.93	4.8	2.980	102.5	2.6	0.6
208	10/7/2016 18:31:39	15.48	50.87	33.41	8.30	7.92	5.1	2.904	101.9	2.1	0.5
209	10/7/2016 18:46:39	15.48	50.88	33.42	8.21	7.92	6.3	2.841	100.8	1.9	0.4
210	10/7/2016 19:01:39	15.64	50.88	33.42	8.26	7.92	5.9	2.761	101.8	2.1	0.5
211	10/7/2016 19:16:39	15.84	50.91	33.45	8.32	7.93	5.6	2.687	103.0	2.5	0.6
212	10/7/2016 19:31:39	16.06	50.91	33.45	8.25	7.93	7.8	2.610	102.6	2.6	0.6
213	10/7/2016 19:46:39	16.18	50.94	33.47	8.35	7.94	6.3	2.520	104.0	2.3	0.5
214	10/7/2016 20:01:39	16.17	50.93	33.47	8.29	7.93	5.7	2.464	103.2	2.0	0.5
215	10/7/2016 20:16:39	16.15	50.93	33.47	8.30	7.93	5.7	2.367	103.4	2.6	0.6
216	10/7/2016 20:31:39	16.00	50.94	33.47	8.14	7.92	6.7	2.274	101.0	2.6	0.6
217	10/7/2016 20:46:39	16.18	50.93	33.47	8.28	7.93	6.2	2.204	103.2	2.6	0.6
218	10/7/2016 21:01:39	16.20	50.92	33.46	8.14	7.93	6.8	2.110	101.5	2.6	0.6
219	10/7/2016 21:16:39	16.14	50.94	33.48	8.01	7.91	6.8	2.026	99.7	2.9	0.7
220	10/7/2016 21:31:39	16.21	50.94	33.47	7.95	7.91	6.7	1.942	99.1	3.0	0.7
221	10/7/2016 21:46:39	16.26	50.97	33.50	7.82	7.91	6.4	1.882	97.6	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	10/7/2016 22:01:39	16.31	50.96	33.49	7.90	7.91	5.9	1.814	98.7	2.3	0.5
223	10/7/2016 22:16:39	16.41	50.97	33.50	7.95	7.92	5.7	1.762	99.5	2.6	0.6
224	10/7/2016 22:31:39	16.60	50.98	33.51	8.24	7.94	5.3	1.734	103.6	2.3	0.5
225	10/7/2016 22:46:39	16.75	50.94	33.48	8.33	7.96	5.1	1.705	105.0	2.6	0.6
226	10/7/2016 23:01:39	16.86	51.00	33.53	8.34	7.98	4.3	1.705	105.3	2.6	0.6
227	10/7/2016 23:16:39	16.90	50.99	33.52	8.70	7.99	4.2	1.688	110.0	2.6	0.6
228	10/7/2016 23:31:39	16.94	51.02	33.54	8.86	8.00	4.2	1.718	112.2	2.4	0.6
229	10/7/2016 23:46:39	16.85	51.01	33.54	8.72	7.99	4.2	1.749	110.1	2.3	0.5
230	10/8/2016 00:01:39	16.92	50.94	33.48	8.84	8.00	4.6	1.769	111.8	2.6	0.6
231	10/8/2016 00:16:39	16.92	51.00	33.53	8.89	8.00	4.2	1.819	112.5	1.6	0.4
232	10/8/2016 00:31:39	16.88	51.01	33.54	8.80	7.99	4.5	1.871	111.2	2.3	0.6
233	10/8/2016 00:46:39	16.89	50.87	33.43	8.48	7.96	5.6	1.921	107.1	2.3	0.5
234	10/8/2016 01:01:39	16.95	50.84	33.41	8.21	7.94	6.3	1.966	103.8	2.7	0.6
235	10/8/2016 01:16:39	16.91	50.88	33.44	8.18	7.94	6.0	2.026	103.4	2.3	0.6
236	10/8/2016 01:31:39	16.86	50.90	33.46	8.16	7.93	6.3	2.083	103.1	2.5	0.6
237	10/8/2016 01:46:39	16.75	50.91	33.46	8.14	7.93	5.8	2.131	102.6	2.4	0.6
238	10/8/2016 02:01:39	16.67	50.92	33.47	8.11	7.93	5.6	2.190	102.1	2.1	0.5
239	10/8/2016 02:16:39	16.61	50.92	33.46	8.07	7.92	5.2	2.243	101.5	2.7	0.6
240	10/8/2016 02:31:39	16.56	50.93	33.47	8.05	7.92	5.4	2.311	101.1	2.9	0.7
241	10/8/2016 02:46:39	16.45	50.90	33.45	7.98	7.91	5.4	2.367	99.9	2.9	0.7
242	10/8/2016 03:01:39	16.21	50.92	33.46	7.76	7.89	5.0	2.419	96.8	2.2	0.5
243	10/8/2016 03:16:39	16.08	50.91	33.45	7.63	7.88	5.1	2.489	94.9	2.5	0.6
244	10/8/2016 03:31:39	16.01	50.91	33.45	7.58	7.87	5.3	2.537	94.1	2.3	0.5
245	10/8/2016 03:46:39	15.92	50.92	33.46	7.53	7.87	4.7	2.593	93.3	2.4	0.6
246	10/8/2016 04:01:39	15.81	50.91	33.45	7.47	7.86	4.6	2.654	92.4	2.5	0.6
247	10/8/2016 04:16:39	15.70	50.91	33.44	7.42	7.85	4.7	2.702	91.5	2.6	0.6
248	10/8/2016 04:31:39	15.59	50.90	33.43	7.34	7.84	4.3	2.746	90.5	2.3	0.5
249	10/8/2016 04:46:39	15.47	50.88	33.42	7.31	7.84	4.5	2.800	89.9	2.3	0.5
250	10/8/2016 05:01:39	15.39	50.86	33.40	7.29	7.84	4.5	2.848	89.4	1.9	0.4
251	10/8/2016 05:16:39	15.33	50.88	33.42	7.25	7.83	4.0	2.886	88.8	2.2	0.5
252	10/8/2016 05:31:39	15.27	50.86	33.40	7.21	7.83	4.2	2.922	88.3	2.4	0.6
253	10/8/2016 05:46:39	15.20	50.88	33.41	7.20	7.83	4.1	2.954	88.0	2.0	0.5
254	10/8/2016 06:01:39	15.13	50.83	33.38	7.16	7.83	3.9	2.977	87.4	2.3	0.6
255	10/8/2016 06:16:39	15.42	50.86	33.40	7.10	7.83	4.4	2.984	87.2	2.4	0.6
256	10/8/2016 06:31:39	15.06	50.89	33.41	7.10	7.82	3.9	2.991	86.5	2.3	0.5
257	10/8/2016 06:46:39	14.98	50.84	33.38	7.10	7.82	4.5	2.974	86.3	1.9	0.4
258	10/8/2016 07:01:39	15.10	50.83	33.37	7.09	7.82	3.8	2.962	86.5	1.8	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	10/8/2016 07:16:39	15.21	50.83	33.38	7.07	7.82	4.3	2.922	86.3	1.9	0.4
260	10/8/2016 07:31:40	15.56	50.91	33.44	6.85	7.81	5.1	2.885	84.4	1.9	0.5
261	10/8/2016 07:46:39	15.74	50.90	33.44	6.76	7.80	5.9	2.852	83.6	1.9	0.4
262	10/8/2016 08:01:39	15.69	50.92	33.45	6.87	7.81	5.5	2.810	84.7	1.9	0.4
263	10/8/2016 08:16:39	15.67	50.90	33.43	6.89	7.81	5.3	2.756	85.0	1.8	0.4
264	10/8/2016 08:31:39	15.66	50.89	33.43	6.84	7.81	5.3	2.719	84.3	2.0	0.5
265	10/8/2016 08:46:39	15.64	50.91	33.44	6.88	7.81	4.9	2.673	84.8	1.5	0.4
266	10/8/2016 09:01:39	15.58	50.89	33.43	6.81	7.80	5.1	2.638	83.9	1.7	0.4
267	10/8/2016 09:16:39	15.66	50.92	33.45	6.82	7.80	5.1	2.606	84.2	1.9	0.4
268	10/8/2016 09:31:39	15.74	50.90	33.44	6.85	7.81	4.7	2.563	84.6	2.0	0.5
269	10/8/2016 09:46:39	15.80	50.92	33.45	6.85	7.81	4.7	2.543	84.8	2.0	0.5
270	10/8/2016 10:01:39	15.89	50.91	33.45	6.90	7.82	4.5	2.513	85.5	1.6	0.4
271	10/8/2016 10:16:39	15.96	50.92	33.45	6.94	7.82	4.5	2.495	86.1	1.8	0.4
272	10/8/2016 10:31:39	16.04	50.93	33.47	6.96	7.83	4.5	2.474	86.5	1.9	0.5
273	10/8/2016 10:46:39	16.10	50.92	33.46	6.95	7.83	4.2	2.474	86.5	2.0	0.5
274	10/8/2016 11:01:39	16.15	50.94	33.48	6.92	7.83	3.8	2.465	86.2	2.3	0.5
275	10/8/2016 11:16:39	16.20	50.92	33.46	7.01	7.85	4.2	2.462	87.3	2.1	0.5
276	10/8/2016 11:31:39	16.15	50.94	33.47	7.13	7.84	4.2	2.475	88.9	2.6	0.6
277	10/8/2016 11:46:39	16.10	50.93	33.47	7.10	7.84	4.8	2.480	88.3	2.2	0.5
278	10/8/2016 12:01:39	16.05	50.93	33.47	7.12	7.84	4.3	2.516	88.4	2.7	0.6
279	10/8/2016 12:16:39	15.99	50.88	33.43	7.11	7.84	4.4	2.532	88.2	2.1	0.5
280	10/8/2016 12:31:39	15.95	50.90	33.44	7.15	7.84	4.4	2.558	88.7	2.2	0.5
281	10/8/2016 12:46:39	15.90	50.92	33.46	7.11	7.83	4.6	2.595	88.1	1.9	0.4
282	10/8/2016 13:01:39	15.87	50.89	33.43	7.13	7.83	4.6	2.624	88.3	2.3	0.5
283	10/8/2016 13:16:39	15.80	50.91	33.45	7.08	7.83	4.4	2.664	87.6	2.4	0.6
284	10/8/2016 13:31:39	15.78	50.89	33.43	7.12	7.83	4.6	2.697	88.1	1.7	0.4
285	10/8/2016 13:46:39	15.72	50.88	33.42	7.13	7.83	4.0	2.740	88.0	2.5	0.6
286	10/8/2016 14:01:39	15.64	50.90	33.43	7.12	7.83	4.3	2.788	87.7	2.0	0.5
287	10/8/2016 14:16:39	15.53	50.89	33.42	7.04	7.82	4.8	2.833	86.6	2.1	0.5
288	10/8/2016 14:31:39	15.34	50.86	33.40	6.96	7.81	4.5	2.875	85.3	2.4	0.6
289	10/8/2016 14:46:39	15.21	50.86	33.39	7.08	7.82	4.4	2.919	86.5	2.0	0.5
290	10/8/2016 15:01:39	15.16	50.86	33.39	7.19	7.83	4.0	2.971	87.8	2.1	0.5
291	10/8/2016 15:16:39	14.87	50.83	33.37	7.43	7.84	3.8	3.011	90.1	2.1	0.5
292	10/8/2016 15:31:39	14.79	50.82	33.36	7.49	7.84	3.7	3.055	90.8	2.9	0.7
293	10/8/2016 15:46:39	14.73	50.84	33.37	7.55	7.84	3.4	3.097	91.4	2.0	0.5
294	10/8/2016 16:01:39	14.70	50.83	33.36	7.57	7.85	3.6	3.135	91.6	2.4	0.6
295	10/8/2016 16:16:39	14.63	50.84	33.37	7.54	7.84	3.3	3.166	91.1	2.0	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	10/8/2016 16:31:39	14.61	50.82	33.35	7.52	7.84	3.2	3.189	90.8	2.1	0.5
297	10/8/2016 16:46:39	14.52	50.83	33.36	7.42	7.83	3.1	3.213	89.4	2.6	0.6
298	10/8/2016 17:01:39	14.48	50.80	33.33	7.33	7.84	2.6	3.223	88.3	2.0	0.5
299	10/8/2016 17:16:39	14.46	50.81	33.34	7.29	7.83	2.6	3.220	87.7	2.3	0.5
300	10/8/2016 17:31:39	14.41	50.81	33.34	7.29	7.83	2.7	3.214	87.7	1.8	0.4
301	10/8/2016 17:46:39	14.44	50.83	33.36	7.34	7.83	2.8	3.187	88.3	1.5	0.3
302	10/8/2016 18:01:39	14.58	50.82	33.35	7.26	7.82	3.0	3.158	87.6	1.8	0.4
303	10/8/2016 18:16:39	14.81	50.83	33.36	7.41	7.84	3.1	3.124	89.8	1.4	0.3
304	10/8/2016 18:31:39	15.11	50.84	33.38	7.72	7.87	3.7	3.071	94.1	2.5	0.6
305	10/8/2016 18:46:39	15.30	50.87	33.41	7.68	7.87	3.8	3.022	94.1	3.1	0.7
306	10/8/2016 19:01:39	15.58	50.84	33.39	7.80	7.89	4.2	2.963	96.0	2.5	0.6
307	10/8/2016 19:16:39	15.68	50.84	33.39	7.70	7.88	4.5	2.902	95.0	3.0	0.7
308	10/8/2016 19:31:39	15.69	50.88	33.42	7.63	7.87	5.0	2.833	94.1	2.9	0.7
309	10/8/2016 19:46:39	15.73	50.89	33.43	7.53	7.86	5.0	2.776	93.0	3.1	0.7
310	10/8/2016 20:01:39	15.93	50.90	33.44	7.63	7.88	4.9	2.699	94.6	3.1	0.7
311	10/8/2016 20:16:39	16.06	50.90	33.45	7.60	7.88	5.4	2.625	94.5	3.1	0.7
312	10/8/2016 20:31:39	16.24	50.91	33.45	7.68	7.88	5.3	2.555	95.8	3.2	0.8
313	10/8/2016 20:46:39	16.23	50.88	33.43	7.67	7.88	5.6	2.478	95.6	3.2	0.8
314	10/8/2016 21:01:39	16.20	50.92	33.46	7.60	7.88	6.0	2.405	94.7	2.6	0.6
315	10/8/2016 21:16:39	16.31	50.91	33.45	7.69	7.88	6.3	2.310	96.0	3.1	0.7
316	10/8/2016 21:31:39	16.38	50.92	33.46	7.68	7.88	6.1	2.243	96.1	3.2	0.7
317	10/8/2016 21:46:39	16.48	50.91	33.46	7.72	7.89	6.1	2.168	96.7	2.9	0.7
318	10/8/2016 22:01:39	16.45	50.93	33.47	7.62	7.89	6.8	2.074	95.5	2.8	0.6
319	10/8/2016 22:16:39	16.51	50.93	33.47	7.58	7.89	6.8	2.003	95.1	2.7	0.6
320	10/8/2016 22:31:39	16.58	50.94	33.48	7.60	7.89	6.2	1.939	95.4	2.4	0.6
321	10/8/2016 22:46:39	16.60	50.95	33.49	7.62	7.89	5.6	1.877	95.8	2.5	0.6
322	10/8/2016 23:01:39	16.63	50.93	33.48	7.52	7.89	5.6	1.811	94.5	2.6	0.6
323	10/8/2016 23:16:39	16.70	50.96	33.50	7.63	7.90	5.9	1.769	96.0	2.4	0.6
324	10/8/2016 23:31:39	16.86	50.96	33.50	7.90	7.93	5.2	1.747	99.8	2.7	0.6
325	10/8/2016 23:46:39	16.95	50.98	33.51	7.95	7.94	4.8	1.714	100.6	2.7	0.6
326	10/9/2016 00:01:39	17.04	50.96	33.51	8.02	7.95	4.0	1.700	101.6	2.8	0.7
327	10/9/2016 00:16:39	17.11	50.95	33.50	8.24	7.97	4.2	1.706	104.5	2.3	0.5
328	10/9/2016 00:31:39	17.11	51.00	33.53	8.39	7.97	3.9	1.718	106.5	2.5	0.6
329	10/9/2016 00:46:39	17.06	50.97	33.51	8.37	7.97	4.2	1.749	106.1	2.3	0.5
330	10/9/2016 01:01:39	17.03	50.98	33.51	8.33	7.96	4.0	1.764	105.5	2.4	0.6
331	10/9/2016 01:16:39	17.06	50.98	33.52	8.39	7.97	4.2	1.812	106.4	2.2	0.5
332	10/9/2016 01:31:39	17.02	50.98	33.52	8.33	7.96	4.3	1.861	105.6	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	10/9/2016 01:46:39	16.99	50.97	33.51	8.25	7.95	4.6	1.907	104.4	2.4	0.6
334	10/9/2016 02:01:39	17.03	50.88	33.44	7.91	7.92	6.2	1.957	100.2	2.5	0.6
335	10/9/2016 02:16:39	17.02	50.85	33.42	7.86	7.91	7.6	2.011	99.5	2.4	0.6
336	10/9/2016 02:31:39	16.97	50.86	33.43	7.85	7.91	6.2	2.072	99.3	2.6	0.6
337	10/9/2016 02:46:39	16.90	50.84	33.41	7.84	7.91	5.7	2.126	99.1	2.9	0.7
338	10/9/2016 03:01:39	16.83	50.88	33.44	7.81	7.91	5.5	2.172	98.5	2.7	0.6
339	10/9/2016 03:16:39	16.78	50.90	33.46	7.77	7.90	5.3	2.246	98.0	2.9	0.7
340	10/9/2016 03:31:39	16.71	50.90	33.46	7.71	7.89	5.3	2.298	97.1	2.4	0.6
341	10/9/2016 03:46:39	16.58	50.90	33.45	7.63	7.88	5.1	2.354	95.8	3.1	0.7
342	10/9/2016 04:01:39	16.40	50.86	33.42	7.48	7.87	5.4	2.419	93.7	2.5	0.6
343	10/9/2016 04:16:39	16.22	50.90	33.44	7.37	7.86	4.9	2.474	92.0	2.5	0.6
344	10/9/2016 04:31:39	16.13	50.91	33.45	7.31	7.85	4.9	2.534	91.0	2.7	0.6
345	10/9/2016 04:46:39	16.04	50.89	33.44	7.28	7.85	4.7	2.589	90.5	2.4	0.6
346	10/9/2016 05:01:39	15.91	50.89	33.43	7.24	7.84	4.7	2.662	89.7	2.4	0.6
347	10/9/2016 05:16:39	15.84	50.89	33.43	7.20	7.84	4.7	2.712	89.1	2.1	0.5
348	10/9/2016 05:31:39	15.69	50.84	33.39	7.11	7.83	4.6	2.767	87.7	2.5	0.6
349	10/9/2016 05:46:39	15.57	50.85	33.39	7.07	7.82	4.6	2.822	87.0	2.0	0.5
350	10/9/2016 06:01:39	15.42	50.83	33.38	7.06	7.82	4.5	2.867	86.7	2.7	0.6
351	10/9/2016 06:16:39	15.38	50.83	33.38	7.04	7.82	4.4	2.918	86.3	2.7	0.6
352	10/9/2016 06:31:39	15.29	50.85	33.39	7.00	7.81	4.3	2.948	85.7	2.3	0.5
353	10/9/2016 06:46:39	15.18	50.84	33.38	6.99	7.81	3.8	2.990	85.4	2.2	0.5
354	10/9/2016 07:01:39	15.06	50.84	33.38	6.96	7.81	3.7	3.014	84.9	2.7	0.6
355	10/9/2016 07:16:39	15.23	50.70	33.28	6.83	7.81	4.3	3.028	83.5	2.7	0.6
356	10/9/2016 07:31:39	15.16	50.84	33.38	6.82	7.80	7.2	3.034	83.3	1.9	0.5
357	10/9/2016 07:46:39	14.93	50.82	33.36	6.78	7.80	8.1	3.035	82.3	1.6	0.4
358	10/9/2016 08:01:39	14.95	50.81	33.36	6.80	7.80	7.2	3.013	82.7	1.7	0.4
359	10/9/2016 08:16:39	15.06	50.83	33.37	6.82	7.80	3.9	2.987	83.1	1.7	0.4
360	10/9/2016 08:31:39	15.36	50.78	33.34	6.78	7.80	4.4	2.954	83.1	2.0	0.5
361	10/9/2016 08:46:39	15.81	50.88	33.42	6.45	7.78	8.7	2.913	79.8	1.9	0.4
362	10/9/2016 09:01:39	15.82	50.90	33.44	6.47	7.78	6.0	2.870	80.1	1.4	0.3
363	10/9/2016 09:16:39	15.74	50.89	33.43	6.65	7.79	5.6	2.825	82.2	1.7	0.4
364	10/9/2016 09:31:39	15.68	50.88	33.42	6.77	7.80	4.8	2.783	83.5	1.5	0.4
365	10/9/2016 09:46:40	15.64	50.84	33.39	6.76	7.80	4.7	2.739	83.3	2.0	0.5
366	10/9/2016 10:01:39	15.65	50.84	33.39	6.84	7.80	4.5	2.695	84.3	2.4	0.6
367	10/9/2016 10:16:39	15.70	50.85	33.40	6.89	7.81	4.3	2.661	85.0	1.6	0.4
368	10/9/2016 10:31:40	15.63	50.87	33.41	6.81	7.79	4.7	2.619	83.9	2.7	0.6
369	10/9/2016 10:46:39	15.75	50.88	33.43	6.83	7.80	4.5	2.586	84.4	1.9	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	10/9/2016 11:01:39	15.91	50.90	33.44	6.85	7.81	4.5	2.560	84.9	2.4	0.6
371	10/9/2016 11:16:39	16.00	50.90	33.44	6.97	7.82	4.4	2.529	86.5	2.7	0.6
372	10/9/2016 11:31:39	16.13	50.91	33.45	6.93	7.82	4.3	2.522	86.3	2.4	0.6
373	10/9/2016 11:46:39	16.17	50.90	33.44	7.00	7.83	4.4	2.492	87.2	2.5	0.6
374	10/9/2016 12:01:39	16.25	50.89	33.44	7.05	7.83	4.2	2.488	87.9	2.5	0.6
375	10/9/2016 12:16:39	16.29	50.90	33.44	6.91	7.83	4.0	2.484	86.3	1.8	0.4
376	10/9/2016 12:31:39	16.33	50.91	33.45	6.98	7.83	4.2	2.476	87.2	2.0	0.5
377	10/9/2016 12:46:39	16.32	50.89	33.44	6.93	7.83	4.6	2.482	86.6	2.6	0.6
378	10/9/2016 13:01:39	16.26	50.90	33.45	7.04	7.83	4.4	2.506	87.9	3.2	0.8
379	10/9/2016 13:16:39	16.22	50.89	33.44	6.99	7.83	4.3	2.524	87.2	2.6	0.6
380	10/9/2016 13:31:39	16.21	50.89	33.44	6.99	7.83	4.2	2.536	87.2	2.7	0.6
381	10/9/2016 13:46:40	16.18	50.91	33.45	7.03	7.83	4.3	2.573	87.6	2.4	0.6
382	10/9/2016 14:01:40	16.09	50.90	33.45	6.96	7.82	4.6	2.606	86.6	2.3	0.5
383	10/9/2016 14:16:40	16.01	50.89	33.44	6.94	7.82	5.3	2.641	86.1	2.7	0.6
384	10/9/2016 14:31:40	16.01	50.89	33.43	6.95	7.82	4.0	2.673	86.3	2.3	0.5
385	10/9/2016 14:46:39	15.95	50.88	33.43	6.96	7.82	4.1	2.717	86.3	2.3	0.5
386	10/9/2016 15:01:39	15.88	50.87	33.42	6.96	7.82	4.1	2.765	86.3	2.7	0.6
387	10/9/2016 15:16:39	15.81	50.85	33.40	6.94	7.81	4.2	2.799	85.8	2.2	0.5
388	10/9/2016 15:31:39	15.69	50.84	33.39	6.88	7.81	4.0	2.840	84.9	2.8	0.7
389	10/9/2016 15:46:39	15.50	50.82	33.38	6.61	7.79	4.2	2.893	81.3	2.1	0.5
390	10/9/2016 16:01:40	15.28	50.85	33.39	6.64	7.78	4.3	2.944	81.2	2.5	0.6
391	10/9/2016 16:16:40	15.10	50.83	33.37	6.79	7.80	4.0	2.973	82.9	2.2	0.5
392	10/9/2016 16:31:39	14.95	50.83	33.36	6.86	7.80	3.7	3.031	83.3	2.0	0.5
393	10/9/2016 16:46:39	14.83	50.83	33.36	7.14	7.82	3.4	3.065	86.5	2.5	0.6
394	10/9/2016 17:01:39	14.72	50.82	33.35	7.08	7.81	3.3	3.103	85.7	2.2	0.5
395	10/9/2016 17:16:39	14.69	50.80	33.34	7.11	7.81	3.3	3.137	85.9	2.3	0.5
396	10/9/2016 17:31:39	14.66	50.82	33.36	7.13	7.81	12.2	3.169	86.1	2.2	0.5
397	10/9/2016 17:46:39	14.52	50.82	33.35	7.01	7.80	11.4	3.201	84.4	2.4	0.6
398	10/9/2016 18:01:39	14.43	50.82	33.34	6.98	7.80	8.0	3.215	84.0	2.2	0.5
399	10/9/2016 18:16:39	14.41	50.78	33.32	6.85	7.80	2.6	3.231	82.3	2.3	0.5
400	10/9/2016 18:31:39	14.43	50.82	33.34	6.88	7.80	3.5	3.231	82.8	2.0	0.5
401	10/9/2016 18:46:39	14.46	50.80	33.33	6.93	7.80	4.0	3.221	83.4	2.2	0.5
402	10/9/2016 19:01:39	14.50	50.79	33.33	6.91	7.80	3.7	3.211	83.3	2.1	0.5
403	10/9/2016 19:16:39	14.63	50.81	33.34	6.87	7.80	3.6	3.176	83.0	1.8	0.4
404	10/9/2016 19:31:39	14.77	50.82	33.35	6.94	7.80	3.1	3.142	84.0	2.7	0.6
405	10/9/2016 19:46:39	14.97	50.81	33.35	6.96	7.81	3.3	3.098	84.6	2.4	0.6
406	10/9/2016 20:01:39	15.30	50.82	33.37	7.20	7.84	6.5	3.039	88.2	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	10/9/2016 20:16:39	15.64	50.81	33.37	7.16	7.84	4.8	2.978	88.2	2.5	0.6
408	10/9/2016 20:31:39	15.72	50.87	33.42	7.02	7.82	4.9	2.904	86.7	2.8	0.7
409	10/9/2016 20:46:39	15.60	50.83	33.39	6.77	7.80	5.1	2.845	83.4	3.1	0.7
410	10/9/2016 21:01:39	15.80	50.84	33.39	6.99	7.82	4.9	2.764	86.5	2.7	0.6
411	10/9/2016 21:16:39	15.89	50.87	33.42	7.12	7.83	5.6	2.698	88.2	2.5	0.6
412	10/9/2016 21:31:39	16.19	50.88	33.43	7.31	7.85	5.6	2.632	91.1	2.8	0.7
413	10/9/2016 21:46:39	16.31	50.91	33.46	7.40	7.86	5.6	2.551	92.4	2.6	0.6
414	10/9/2016 22:01:39	16.30	50.91	33.45	7.39	7.86	6.5	2.461	92.3	3.1	0.7
415	10/9/2016 22:16:39	16.31	50.91	33.45	7.43	7.86	6.4	2.393	92.8	2.9	0.7
416	10/9/2016 22:31:39	16.44	50.90	33.45	7.48	7.87	6.5	2.310	93.6	3.1	0.7
417	10/9/2016 22:46:39	16.42	50.92	33.47	7.45	7.86	6.8	2.227	93.3	3.1	0.7
418	10/9/2016 23:01:39	16.59	50.92	33.47	7.37	7.87	7.4	2.148	92.5	3.1	0.7
419	10/9/2016 23:16:39	16.73	50.92	33.47	7.53	7.89	43.9	2.065	94.8	2.6	0.6
420	10/9/2016 23:31:39	16.63	50.93	33.47	7.40	7.87	6.8	1.997	93.0	3.0	0.7
421	10/9/2016 23:46:39	16.69	50.90	33.45	7.37	7.87	6.2	1.929	92.7	2.8	0.7
422	10/10/2016 00:01:39	16.81	50.95	33.49	7.42	7.89	5.6	1.860	93.7	2.0	0.5
423	10/10/2016 00:16:39	16.81	50.96	33.50	7.37	7.88	5.4	1.806	93.1	2.6	0.6
424	10/10/2016 00:31:39	16.91	50.97	33.51	7.55	7.90	5.5	1.752	95.5	3.0	0.7
425	10/10/2016 00:46:40	17.06	50.99	33.53	7.76	7.93	5.0	1.739	98.4	2.3	0.5
426	10/10/2016 01:01:39	17.20	50.99	33.53	7.92	7.94	4.7	1.710	100.7	2.5	0.6
427	10/10/2016 01:16:39	17.25	50.96	33.51	7.94	7.95	4.6	1.713	101.0	2.5	0.6
428	10/10/2016 01:31:39	17.25	51.00	33.54	8.18	7.96	6.4	1.725	104.1	2.5	0.6
429	10/10/2016 01:46:39	17.20	50.99	33.53	8.16	7.96	4.7	1.747	103.8	2.1	0.5
430	10/10/2016 02:01:39	17.14	50.97	33.51	8.04	7.94	4.8	1.797	102.1	2.4	0.6
431	10/10/2016 02:16:39	17.21	50.94	33.49	8.17	7.96	4.5	1.817	103.8	2.5	0.6
432	10/10/2016 02:31:39	17.17	50.96	33.50	8.12	7.95	4.9	1.884	103.2	2.4	0.6
433	10/10/2016 02:46:39	17.12	50.94	33.48	8.03	7.94	5.0	1.928	101.9	1.9	0.4
434	10/10/2016 03:01:39	17.16	50.87	33.43	7.70	7.91	6.7	1.983	97.8	2.7	0.6
435	10/10/2016 03:16:40	17.17	50.84	33.42	7.60	7.90	7.0	2.048	96.5	2.8	0.7
436	10/10/2016 03:31:39	17.14	50.80	33.39	7.56	7.90	6.8	2.088	96.0	3.4	0.8
437	10/10/2016 03:46:39	17.01	50.88	33.45	7.63	7.90	5.7	2.159	96.6	3.1	0.7
438	10/10/2016 04:01:39	16.94	50.88	33.44	7.59	7.89	5.7	2.209	96.0	2.5	0.6
439	10/10/2016 04:16:39	16.85	50.91	33.46	7.51	7.88	5.7	2.270	94.9	2.6	0.6
440	10/10/2016 04:31:39	16.74	50.89	33.44	7.43	7.87	5.4	2.334	93.6	2.9	0.7
441	10/10/2016 04:46:39	16.56	50.90	33.45	7.30	7.86	5.4	2.389	91.7	2.1	0.5
442	10/10/2016 05:01:40	16.32	50.90	33.45	7.15	7.84	5.3	2.457	89.3	2.1	0.5
443	10/10/2016 05:16:39	16.19	50.89	33.44	7.07	7.83	5.2	2.521	88.2	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	10/10/2016 05:31:39	16.11	50.89	33.44	7.03	7.83	4.9	2.580	87.4	2.4	0.6
445	10/10/2016 05:46:40	15.99	50.88	33.43	6.99	7.82	5.0	2.646	86.8	2.5	0.6
446	10/10/2016 06:01:39	15.85	50.88	33.43	6.97	7.82	4.6	2.703	86.3	2.2	0.5
447	10/10/2016 06:16:39	15.69	50.86	33.41	6.95	7.81	5.0	2.778	85.8	2.7	0.6
448	10/10/2016 06:31:39	15.58	50.84	33.39	6.91	7.81	5.2	2.827	85.0	2.5	0.6
449	10/10/2016 06:46:40	15.48	50.86	33.40	6.86	7.80	4.8	2.895	84.3	2.5	0.6
450	10/10/2016 07:01:40	15.35	50.85	33.39	6.80	7.80	4.7	2.944	83.4	2.6	0.6
451	10/10/2016 07:16:39	15.15	50.84	33.38	6.78	7.79	4.5	3.007	82.8	2.2	0.5
452	10/10/2016 07:31:39	14.92	50.82	33.36	6.83	7.79	4.3	3.053	82.9	2.2	0.5
453	10/10/2016 07:46:39	14.83	50.80	33.34	6.78	7.79	4.0	3.088	82.2	2.1	0.5
454	10/10/2016 08:01:39	14.88	50.73	33.29	6.77	7.79	4.4	3.131	82.2	2.4	0.6
455	10/10/2016 08:16:39	14.69	50.83	33.37	6.72	7.79	3.2	3.144	81.3	1.8	0.4
456	10/10/2016 08:31:39	14.56	50.81	33.34	6.63	7.78	2.9	3.156	80.0	2.0	0.5
457	10/10/2016 08:46:39	14.60	50.82	33.35	6.66	7.78	4.4	3.146	80.5	1.6	0.4
458	10/10/2016 09:01:39	14.55	50.82	33.35	6.66	7.78	3.6	3.134	80.4	1.5	0.4
459	10/10/2016 09:16:39	14.72	50.82	33.35	6.67	7.78	4.0	3.114	80.8	0.8	0.2
460	10/10/2016 09:31:39	14.91	50.83	33.36	6.66	7.79	4.0	3.075	80.9	1.8	0.4
461	10/10/2016 09:46:39	15.34	50.82	33.37	6.56	7.78	4.9	3.028	80.3	1.4	0.3
462	10/10/2016 10:01:39	15.51	50.82	33.38	6.54	7.78	4.8	2.987	80.4	2.4	0.6
463	10/10/2016 10:16:39	15.39	50.81	33.37	6.66	7.79	4.8	2.938	81.6	1.8	0.4
464	10/10/2016 10:31:39	15.35	50.81	33.36	6.71	7.79	4.6	2.880	82.2	2.6	0.6
465	10/10/2016 10:46:39	15.36	50.81	33.37	6.78	7.79	4.3	2.823	83.0	2.1	0.5
466	10/10/2016 11:01:39	15.37	50.77	33.33	6.84	7.80	4.0	2.777	83.9	2.3	0.5
467	10/10/2016 11:16:39	15.51	50.80	33.36	6.87	7.80	4.3	2.733	84.4	1.8	0.4
468	10/10/2016 11:31:39	15.51	50.78	33.34	7.01	7.81	4.3	2.676	86.2	2.0	0.5
469	10/10/2016 11:46:39	15.71	50.82	33.38	6.96	7.81	4.3	2.646	85.9	1.7	0.4
470	10/10/2016 12:01:39	15.73	50.84	33.39	7.05	7.82	4.2	2.610	87.1	2.0	0.5
471	10/10/2016 12:16:39	15.86	50.85	33.40	7.05	7.82	4.1	2.577	87.2	2.0	0.5
472	10/10/2016 12:31:39	15.96	50.89	33.43	7.05	7.83	4.2	2.557	87.5	2.1	0.5
473	10/10/2016 12:46:39	16.14	50.94	33.48	7.06	7.83	4.1	2.518	87.9	2.8	0.7
474	10/10/2016 13:01:39	16.21	50.91	33.45	7.14	7.84	4.3	2.498	89.0	2.6	0.6
475	10/10/2016 13:16:39	16.30	50.92	33.46	7.14	7.84	4.4	2.494	89.2	2.3	0.5
476	10/10/2016 13:31:39	16.38	50.90	33.45	7.18	7.85	4.6	2.466	89.8	2.5	0.6
477	10/10/2016 13:46:39	16.43	50.88	33.44	6.97	7.85	3.9	2.480	87.2	2.1	0.5
478	10/10/2016 14:01:39	16.38	50.91	33.45	7.09	7.83	10.3	2.469	88.7	2.8	0.7
479	10/10/2016 14:16:39	16.41	50.91	33.46	7.08	7.84	4.7	2.478	88.6	2.5	0.6
480	10/10/2016 14:31:39	16.35	50.91	33.45	7.05	7.83	4.2	2.497	88.2	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	10/10/2016 14:46:39	16.28	50.87	33.43	6.91	7.82	4.3	2.504	86.3	2.6	0.6
482	10/10/2016 15:01:39	16.26	50.92	33.46	6.90	7.82	4.2	2.543	86.1	2.6	0.6
483	10/10/2016 15:16:39	16.22	50.87	33.43	6.90	7.82	4.7	2.571	86.0	2.5	0.6
484	10/10/2016 15:31:39	16.10	50.88	33.43	6.88	7.81	4.5	2.623	85.5	2.9	0.7
485	10/10/2016 15:46:39	16.09	50.85	33.41	6.89	7.81	4.5	2.665	85.7	2.3	0.5
486	10/10/2016 16:01:39	15.95	50.85	33.41	6.89	7.81	5.6	2.696	85.4	2.9	0.7
487	10/10/2016 16:16:40	15.84	50.85	33.41	6.82	7.81	4.2	2.765	84.4	2.5	0.6
488	10/10/2016 16:31:40	15.76	50.84	33.40	6.81	7.80	4.3	2.809	84.1	2.6	0.6
489	10/10/2016 16:46:39	15.67	50.82	33.38	6.80	7.80	4.2	2.859	83.8	2.6	0.6
490	10/10/2016 17:01:39	15.58	50.81	33.37	6.58	7.78	4.1	2.905	81.0	2.1	0.5
491	10/10/2016 17:16:39	15.51	50.80	33.36	6.63	7.78	4.1	2.964	81.5	2.1	0.5
492	10/10/2016 17:31:39	15.19	50.80	33.35	6.86	7.80	3.7	3.019	83.7	1.9	0.4
493	10/10/2016 17:46:39	14.94	50.73	33.30	6.91	7.80	3.6	3.061	84.0	2.8	0.7
494	10/10/2016 18:01:39	14.78	50.78	33.33	6.95	7.80	3.4	3.112	84.1	2.3	0.5
495	10/10/2016 18:16:39	14.66	50.81	33.35	6.89	7.80	3.1	3.161	83.2	2.3	0.6
496	10/10/2016 18:31:39	14.60	50.79	33.33	6.84	7.79	3.3	3.205	82.6	2.3	0.5
497	10/10/2016 18:46:39	14.44	50.80	33.33	6.79	7.79	3.1	3.236	81.7	2.5	0.6
498	10/10/2016 19:01:39	14.39	50.82	33.34	6.80	7.79	3.0	3.262	81.7	2.2	0.5
499	10/10/2016 19:16:39	14.21	50.83	33.34	6.84	7.79	3.0	3.292	81.9	2.6	0.6
500	10/10/2016 19:31:39	14.13	50.84	33.35	6.72	7.79	2.5	3.303	80.3	2.5	0.6
501	10/10/2016 19:46:39	14.13	50.83	33.35	6.63	7.78	2.5	3.294	79.3	2.7	0.6
502	10/10/2016 20:01:39	14.09	50.76	33.29	6.74	7.78	2.8	3.279	80.5	2.4	0.6
503	10/10/2016 20:16:39	14.14	50.80	33.32	6.70	7.78	2.9	3.266	80.0	2.5	0.6
504	10/10/2016 20:31:39	14.23	50.84	33.35	6.65	7.78	3.8	3.240	79.7	2.1	0.5
505	10/10/2016 20:46:39	14.57	50.83	33.36	6.78	7.79	3.6	3.175	81.8	2.5	0.6
506	10/10/2016 21:01:39	14.89	50.86	33.39	6.90	7.81	4.0	3.124	83.8	1.9	0.5
507	10/10/2016 21:16:39	15.59	50.88	33.42	7.01	7.83	4.5	3.068	86.3	2.5	0.6
508	10/10/2016 21:31:39	15.44	50.87	33.41	6.95	7.81	4.5	2.998	85.3	2.6	0.6
509	10/10/2016 21:46:39	15.46	50.84	33.39	6.90	7.81	5.3	2.936	84.7	2.4	0.6
510	10/10/2016 22:01:39	15.63	50.87	33.42	7.12	7.84	5.3	2.843	87.8	2.6	0.6
511	10/10/2016 22:16:40	15.79	50.87	33.42	7.34	7.85	5.1	2.777	90.7	2.4	0.6
512	10/10/2016 22:31:39	15.93	50.91	33.45	7.48	7.87	5.2	2.705	92.8	2.4	0.6
513	10/10/2016 22:46:40	16.05	50.88	33.43	7.65	7.87	5.3	2.613	95.1	2.6	0.6
514	10/10/2016 23:01:39	16.04	50.88	33.43	7.49	7.86	5.9	2.537	93.1	2.6	0.6
515	10/10/2016 23:16:39	16.11	50.90	33.45	7.32	7.86	6.5	2.456	91.1	2.4	0.6
516	10/10/2016 23:31:39	16.17	50.92	33.46	7.31	7.86	6.7	2.381	91.1	2.4	0.6
517	10/10/2016 23:46:39	16.31	50.93	33.47	7.31	7.86	6.7	2.287	91.4	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	10/11/2016 00:01:39	16.30	50.97	33.50	7.18	7.86	6.5	2.187	89.7	2.7	0.6
519	10/11/2016 00:16:39	16.29	50.94	33.48	7.23	7.85	6.2	2.126	90.3	2.9	0.7
520	10/11/2016 00:31:39	16.45	50.94	33.48	7.21	7.87	6.1	2.044	90.3	2.7	0.6
521	10/11/2016 00:46:39	16.31	50.95	33.49	7.02	7.84	6.1	1.943	87.7	3.0	0.7
522	10/11/2016 01:01:39	16.40	50.97	33.50	6.99	7.84	5.6	1.881	87.6	2.3	0.5
523	10/11/2016 01:16:39	16.52	50.93	33.48	7.02	7.85	5.5	1.816	88.1	2.5	0.6
524	10/11/2016 01:31:39	16.51	50.97	33.50	7.02	7.85	5.6	1.764	88.1	2.5	0.6
525	10/11/2016 01:46:39	16.68	50.98	33.51	7.25	7.88	5.3	1.727	91.2	2.4	0.6
526	10/11/2016 02:01:39	16.94	50.99	33.52	7.58	7.91	5.0	1.704	95.9	2.4	0.6
527	10/11/2016 02:16:39	17.01	51.00	33.53	7.61	7.92	4.7	1.693	96.4	2.8	0.7
528	10/11/2016 02:31:39	17.04	50.99	33.53	7.86	7.94	4.3	1.700	99.6	2.4	0.6
529	10/11/2016 02:46:39	16.97	51.00	33.53	7.85	7.93	4.2	1.726	99.4	2.0	0.5
530	10/11/2016 03:01:39	16.91	50.97	33.51	7.71	7.92	4.3	1.745	97.5	2.6	0.6
531	10/11/2016 03:16:39	17.01	50.97	33.51	7.88	7.94	4.3	1.800	99.9	1.9	0.4
532	10/11/2016 03:31:39	16.98	50.99	33.53	7.85	7.93	4.5	1.868	99.3	2.1	0.5
533	10/11/2016 03:46:39	16.93	50.99	33.52	7.73	7.92	4.6	1.908	97.7	2.3	0.6
534	10/11/2016 04:01:40	16.96	50.88	33.45	7.50	7.90	6.5	1.973	94.9	2.8	0.7
535	10/11/2016 04:16:40	16.95	50.81	33.39	7.41	7.89	7.3	2.044	93.7	2.9	0.7
536	10/11/2016 04:31:39	16.86	50.89	33.45	7.39	7.88	6.7	2.106	93.4	2.6	0.6
537	10/11/2016 04:46:39	16.76	50.90	33.45	7.35	7.88	6.2	2.174	92.6	3.0	0.7
538	10/11/2016 05:01:40	16.69	50.90	33.45	7.29	7.87	5.7	2.249	91.7	2.6	0.6
539	10/11/2016 05:16:39	16.59	50.91	33.46	7.22	7.86	5.6	2.329	90.7	2.8	0.7
540	10/11/2016 05:31:39	16.42	50.86	33.42	7.08	7.84	5.6	2.395	88.6	2.7	0.6
541	10/11/2016 05:46:39	16.23	50.91	33.45	6.92	7.83	5.7	2.464	86.3	2.2	0.5
542	10/11/2016 06:01:39	16.10	50.90	33.44	6.80	7.81	5.4	2.541	84.6	2.5	0.6
543	10/11/2016 06:16:40	16.01	50.91	33.45	6.74	7.81	5.7	2.615	83.7	2.3	0.5
544	10/11/2016 06:31:40	15.88	50.89	33.44	6.67	7.80	5.6	2.686	82.7	2.6	0.6
545	10/11/2016 06:46:39	15.75	50.87	33.42	6.60	7.79	5.5	2.758	81.6	2.5	0.6
546	10/11/2016 07:01:39	15.58	50.88	33.42	6.54	7.78	5.7	2.825	80.5	1.9	0.5
547	10/11/2016 07:16:39	15.45	50.88	33.42	6.47	7.78	5.6	2.895	79.5	2.4	0.6
548	10/11/2016 07:31:39	15.33	50.87	33.41	6.43	7.77	5.9	2.964	78.8	2.5	0.6
549	10/11/2016 07:46:39	15.14	50.84	33.38	6.42	7.77	5.9	3.033	78.3	2.5	0.6
550	10/11/2016 08:01:39	14.87	50.85	33.38	6.43	7.76	6.4	3.088	78.0	2.7	0.6
551	10/11/2016 08:16:39	14.64	50.82	33.35	6.43	7.76	6.0	3.149	77.6	1.4	0.3
552	10/11/2016 08:31:39	14.44	50.82	33.35	6.47	7.76	5.3	3.209	77.8	2.1	0.5
553	10/11/2016 08:46:39	14.26	50.84	33.35	6.54	7.76	5.3	3.256	78.4	2.0	0.5
554	10/11/2016 09:01:39	14.12	50.84	33.35	6.58	7.77	3.9	3.289	78.7	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	10/11/2016 09:16:39	14.05	50.84	33.35	6.57	7.77	3.7	3.312	78.4	2.2	0.5
556	10/11/2016 09:31:39	14.34	50.87	33.38	6.49	7.77	4.0	3.328	77.9	2.1	0.5
557	10/11/2016 09:46:39	14.01	50.85	33.36	6.57	7.77	4.7	3.322	78.4	1.4	0.3
558	10/11/2016 10:01:11	14.07	50.84	33.35	6.54	7.77	4.0	3.298	78.1	1.9	0.5
559	10/11/2016 10:16:11	14.42	50.81	33.34	6.43	7.76	4.6	3.263	77.3	2.1	0.5
560	10/11/2016 10:31:11	14.63	50.85	33.37	6.41	7.76	4.2	3.215	77.5	1.8	0.4
561	10/11/2016 10:46:11	14.98	50.87	33.40	6.53	7.78	5.1	3.157	79.4	1.9	0.4
562	10/11/2016 11:01:11	15.01	50.84	33.38	6.60	7.78	4.8	3.086	80.3	2.0	0.5
563	10/11/2016 11:16:11	15.03	50.83	33.37	6.85	7.80	5.2	3.019	83.4	2.2	0.5
564	10/11/2016 11:31:11	15.09	50.83	33.37	7.00	7.81	4.6	2.960	85.3	2.1	0.5
565	10/11/2016 11:46:11	15.22	50.87	33.40	7.01	7.81	5.0	2.884	85.7	2.0	0.5
566	10/11/2016 12:01:12	15.43	50.88	33.41	7.04	7.82	4.5	2.821	86.4	2.8	0.7
567	10/11/2016 12:16:11	15.67	50.87	33.42	7.01	7.82	4.7	2.766	86.5	2.0	0.5
568	10/11/2016 12:31:11	15.85	50.89	33.43	7.24	7.84	4.7	2.702	89.7	1.6	0.4
569	10/11/2016 12:46:11	15.96	50.91	33.45	7.10	7.84	4.5	2.650	88.1	2.5	0.6
570	10/11/2016 13:01:11	16.13	50.92	33.46	7.42	7.86	4.6	2.587	92.3	2.1	0.5
571	10/11/2016 13:16:11	16.15	50.91	33.45	7.65	7.87	4.5	2.539	95.2	2.3	0.5
572	10/11/2016 13:31:11	16.21	50.91	33.46	7.82	7.89	4.7	2.491	97.5	2.1	0.5
573	10/11/2016 13:46:11	16.30	50.90	33.45	7.93	7.89	4.2	2.435	99.1	2.1	0.5
574	10/11/2016 14:01:11	16.44	50.91	33.46	7.99	7.91	4.3	2.385	100.0	2.3	0.5
575	10/11/2016 14:16:11	16.51	50.88	33.44	8.32	7.93	4.2	2.367	104.3	2.7	0.6
576	10/11/2016 14:31:11	16.54	50.90	33.45	8.41	7.94	4.2	2.328	105.6	1.5	0.4
577	10/11/2016 14:46:11	16.69	50.89	33.45	8.34	7.93	4.1	2.299	105.0	1.9	0.4
578	10/11/2016 15:01:11	16.69	50.92	33.47	8.28	7.93	3.8	2.306	104.2	2.3	0.5
579	10/11/2016 15:16:11	16.69	50.89	33.45	8.25	7.92	4.2	2.316	103.8	2.4	0.6
580	10/11/2016 15:31:11	16.75	50.93	33.47	7.94	7.90	4.0	2.326	100.0	2.1	0.5
581	10/11/2016 15:46:11	16.71	50.90	33.45	7.70	7.89	4.2	2.363	97.0	2.8	0.7
582	10/11/2016 16:01:11	16.70	50.89	33.45	7.57	7.88	4.4	2.402	95.3	2.3	0.5
583	10/11/2016 16:16:11	16.63	50.89	33.45	7.35	7.86	4.9	2.457	92.4	2.1	0.5
584	10/11/2016 16:31:11	16.54	50.91	33.46	7.24	7.85	4.7	2.505	90.9	2.1	0.5
585	10/11/2016 16:46:11	16.48	50.89	33.45	7.23	7.85	5.0	2.574	90.6	2.3	0.5
586	10/11/2016 17:01:11	16.35	50.88	33.43	7.20	7.84	4.8	2.621	90.0	2.1	0.5
587	10/11/2016 17:16:11	16.23	50.88	33.43	7.21	7.84	4.7	2.688	89.9	2.5	0.6
588	10/11/2016 17:31:11	16.15	50.87	33.43	7.05	7.82	4.5	2.746	87.8	1.8	0.4
589	10/11/2016 17:46:11	15.93	50.86	33.41	6.92	7.81	4.5	2.803	85.8	1.9	0.5
590	10/11/2016 18:01:11	15.70	50.86	33.41	6.78	7.80	4.5	2.868	83.7	2.6	0.6
591	10/11/2016 18:16:12	15.55	50.87	33.41	6.72	7.79	4.2	2.918	82.7	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	10/11/2016 18:31:11	15.44	50.86	33.40	6.68	7.79	4.0	2.989	82.0	2.2	0.5
593	10/11/2016 18:46:11	15.32	50.86	33.40	6.65	7.78	4.3	3.040	81.4	2.6	0.6
594	10/11/2016 19:01:11	15.25	50.87	33.40	6.62	7.78	4.0	3.102	80.9	2.1	0.5
595	10/11/2016 19:16:11	15.06	50.86	33.40	6.59	7.78	4.0	3.156	80.3	2.6	0.6
596	10/11/2016 19:31:11	14.79	50.84	33.37	6.60	7.77	3.6	3.209	80.0	3.2	0.8
597	10/11/2016 19:46:11	14.60	50.84	33.37	6.64	7.77	3.9	3.266	80.1	2.9	0.7
598	10/11/2016 20:01:11	14.48	50.84	33.36	6.64	7.77	3.6	3.300	80.0	2.8	0.7
599	10/11/2016 20:16:11	14.36	50.84	33.36	6.67	7.78	3.3	3.334	80.2	2.9	0.7
600	10/11/2016 20:31:11	14.29	50.79	33.32	6.70	7.78	3.2	3.367	80.3	2.7	0.6
601	10/11/2016 20:46:11	14.29	50.82	33.34	6.50	7.78	2.6	3.368	78.0	2.5	0.6
602	10/11/2016 21:01:11	14.20	50.85	33.36	6.59	7.77	4.0	3.371	79.0	2.3	0.6
603	10/11/2016 21:16:11	14.24	50.85	33.36	6.59	7.77	3.1	3.355	79.0	2.6	0.6
604	10/11/2016 21:31:11	14.24	50.81	33.34	6.61	7.77	3.4	3.323	79.2	2.7	0.6
605	10/11/2016 21:46:11	14.34	50.84	33.36	6.57	7.77	3.2	3.273	78.9	2.5	0.6
606	10/11/2016 22:01:11	14.69	50.88	33.40	6.48	7.77	3.8	3.215	78.4	2.1	0.5
607	10/11/2016 22:16:11	15.03	50.88	33.40	6.32	7.75	4.6	3.155	76.9	2.6	0.6
608	10/11/2016 22:31:11	15.03	50.87	33.40	6.26	7.74	5.0	3.075	76.2	2.4	0.6
609	10/11/2016 22:46:11	14.98	50.83	33.37	6.32	7.76	5.4	2.991	76.9	2.7	0.6
610	10/11/2016 23:01:10	14.98	50.86	33.39	6.29	7.74	4.6	2.916	76.5	2.8	0.7
611	10/11/2016 23:16:11	15.52	50.89	33.42	6.60	7.79	5.3	2.826	81.1	2.1	0.5
612	10/11/2016 23:31:11	15.72	50.88	33.42	6.57	7.79	5.6	2.740	81.2	2.6	0.6
613	10/11/2016 23:46:11	15.99	50.91	33.45	6.82	7.81	6.0	2.652	84.6	2.6	0.6
614	10/12/2016 00:01:11	16.16	50.93	33.47	6.94	7.82	6.4	2.558	86.5	2.9	0.7
615	10/12/2016 00:16:10	16.00	50.98	33.50	6.80	7.81	6.8	2.472	84.5	2.5	0.6
616	10/12/2016 00:31:10	15.87	50.93	33.46	6.83	7.81	6.9	2.358	84.6	2.2	0.5
617	10/12/2016 00:46:10	15.84	50.93	33.46	6.78	7.80	7.3	2.271	83.9	2.6	0.6
618	10/12/2016 01:01:10	15.93	50.93	33.46	6.68	7.80	7.3	2.162	82.8	3.0	0.7
619	10/12/2016 01:16:10	15.83	50.94	33.47	6.59	7.78	7.5	2.060	81.6	2.6	0.6
620	10/12/2016 01:31:10	16.03	50.93	33.47	6.69	7.80	7.4	1.975	83.1	2.3	0.5
621	10/12/2016 01:46:10	16.20	50.96	33.49	6.77	7.81	6.4	1.876	84.5	2.6	0.6
622	10/12/2016 02:01:11	16.27	50.98	33.51	6.82	7.81	6.9	1.801	85.1	2.8	0.7
623	10/12/2016 02:16:10	16.26	50.96	33.49	6.75	7.81	6.2	1.727	84.3	2.2	0.5
624	10/12/2016 02:31:10	16.40	50.98	33.51	6.93	7.83	5.9	1.673	86.7	2.7	0.6
625	10/12/2016 02:46:11	16.65	51.01	33.53	7.12	7.86	6.4	1.636	89.5	2.5	0.6
626	10/12/2016 03:01:10	16.78	51.00	33.53	7.23	7.88	5.4	1.623	91.2	2.6	0.6
627	10/12/2016 03:16:10	16.89	51.00	33.53	7.11	7.90	4.4	1.623	89.9	2.4	0.6
628	10/12/2016 03:31:10	17.15	51.02	33.55	7.74	7.94	4.7	1.628	98.3	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	10/12/2016 03:46:12	17.07	51.04	33.56	7.70	7.94	4.5	1.675	97.7	1.9	0.5
630	10/12/2016 04:01:10	17.01	51.00	33.53	7.69	7.93	4.7	1.727	97.4	2.4	0.6
631	10/12/2016 04:16:11	17.10	51.01	33.54	7.78	7.94	4.8	1.793	98.7	2.2	0.5
632	10/12/2016 04:31:10	17.02	51.02	33.55	7.65	7.93	5.1	1.853	97.0	2.5	0.6
633	10/12/2016 04:46:10	17.02	50.91	33.46	7.33	7.89	7.3	1.919	92.8	2.6	0.6
634	10/12/2016 05:01:10	17.01	50.87	33.43	7.21	7.87	7.4	2.008	91.3	2.3	0.5
635	10/12/2016 05:16:10	16.86	50.91	33.47	7.20	7.87	7.3	2.079	91.0	3.2	0.8
636	10/12/2016 05:31:10	16.76	50.90	33.45	7.14	7.86	6.7	2.148	89.9	2.9	0.7
637	10/12/2016 05:46:11	16.66	50.92	33.47	7.08	7.86	6.4	2.228	89.0	2.8	0.7
638	10/12/2016 06:01:10	16.64	50.93	33.47	7.07	7.85	6.5	2.309	88.9	2.2	0.5
639	10/12/2016 06:16:10	16.51	50.91	33.46	6.99	7.84	6.1	2.393	87.7	2.3	0.5
640	10/12/2016 06:31:10	16.36	50.89	33.44	6.87	7.83	6.4	2.474	85.9	2.4	0.6
641	10/12/2016 06:46:10	16.17	50.94	33.47	6.72	7.81	6.1	2.553	83.7	2.2	0.5
642	10/12/2016 07:01:10	15.99	50.91	33.45	6.61	7.79	6.7	2.642	82.1	2.3	0.5
643	10/12/2016 07:16:10	15.77	50.91	33.44	6.50	7.78	7.1	2.715	80.3	2.7	0.6
644	10/12/2016 07:31:11	15.61	50.90	33.43	6.43	7.77	7.1	2.796	79.3	2.3	0.5
645	10/12/2016 07:46:10	15.45	50.87	33.41	6.40	7.77	7.6	2.876	78.6	2.2	0.5
646	10/12/2016 08:01:10	15.35	50.84	33.39	6.38	7.76	8.4	2.956	78.1	2.8	0.7
647	10/12/2016 08:16:10	15.17	50.87	33.40	6.39	7.76	8.1	3.030	78.1	2.2	0.5
648	10/12/2016 08:31:11	14.81	50.85	33.38	6.45	7.76	8.6	3.112	78.2	2.7	0.6
649	10/12/2016 08:46:10	14.47	50.85	33.37	6.57	7.76	8.4	3.188	79.1	2.3	0.5
650	10/12/2016 09:01:10	14.14	50.86	33.37	6.70	7.77	7.8	3.259	80.1	2.7	0.6
651	10/12/2016 09:16:10	13.99	50.85	33.36	6.75	7.77	6.1	3.314	80.5	2.4	0.6
652	10/12/2016 09:31:10	13.83	50.84	33.34	6.84	7.78	5.4	3.377	81.2	2.6	0.6
653	10/12/2016 09:46:10	13.75	50.86	33.35	6.89	7.78	5.3	3.418	81.8	2.6	0.6
654	10/12/2016 10:01:10	13.68	50.83	33.33	6.89	7.79	3.7	3.442	81.6	2.7	0.6
655	10/12/2016 10:16:10	14.03	50.90	33.39	6.74	7.78	4.5	3.442	80.5	2.6	0.6
656	10/12/2016 10:31:10	13.60	50.85	33.34	6.94	7.79	4.9	3.429	82.1	2.5	0.6
657	10/12/2016 10:46:10	13.76	50.87	33.36	6.84	7.78	4.7	3.413	81.1	1.8	0.4
658	10/12/2016 11:01:10	13.85	50.83	33.34	6.81	7.78	6.8	3.344	81.0	2.4	0.6
659	10/12/2016 11:16:10	14.59	50.87	33.39	6.72	7.78	6.1	3.283	81.1	2.6	0.6
660	10/12/2016 11:31:10	14.87	50.85	33.38	7.12	7.81	5.4	3.207	86.4	2.5	0.6
661	10/12/2016 11:46:10	14.69	50.86	33.39	7.35	7.83	5.4	3.129	88.9	2.8	0.7
662	10/12/2016 12:01:10	14.93	50.89	33.41	7.16	7.82	6.9	3.036	87.0	2.5	0.6
663	10/12/2016 12:16:10	15.05	50.88	33.41	7.38	7.84	5.0	2.948	89.9	1.8	0.4
664	10/12/2016 12:31:10	15.40	50.88	33.42	7.02	7.81	6.5	2.880	86.1	2.4	0.6
665	10/12/2016 12:46:09	15.65	50.88	33.42	7.24	7.83	5.8	2.798	89.3	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	10/12/2016 13:01:10	15.89	50.92	33.46	7.15	7.83	5.7	2.707	88.6	2.1	0.5
667	10/12/2016 13:16:10	16.06	50.93	33.47	7.22	7.84	5.4	2.637	89.8	1.9	0.5
668	10/12/2016 13:31:10	16.21	50.94	33.48	7.45	7.86	5.6	2.559	92.9	1.9	0.5
669	10/12/2016 13:46:10	16.30	50.93	33.47	7.48	7.86	5.5	2.492	93.5	1.7	0.4
670	10/12/2016 14:01:09	16.38	50.88	33.44	7.61	7.87	5.5	2.404	95.2	1.9	0.4
671	10/12/2016 14:16:10	16.49	50.95	33.49	7.81	7.89	5.1	2.333	97.9	2.3	0.5
672	10/12/2016 14:31:09	16.54	50.92	33.47	7.91	7.90	5.0	2.266	99.3	1.6	0.4
673	10/12/2016 14:46:10	16.58	50.93	33.47	8.36	7.94	5.5	2.203	104.9	2.7	0.6
674	10/12/2016 15:01:10	16.46	50.86	33.42	9.01	7.98	4.8	2.147	112.9	1.7	0.4
675	10/12/2016 15:16:10	16.58	50.86	33.42	8.99	7.99	4.8	2.112	112.9	1.6	0.4
676	10/12/2016 15:31:10	16.67	50.88	33.44	8.93	7.98	4.7	2.081	112.3	2.4	0.6
677	10/12/2016 15:46:10	16.82	50.90	33.46	8.65	7.97	4.8	2.058	109.1	2.1	0.5
678	10/12/2016 16:01:10	16.70	50.89	33.45	8.69	7.96	4.6	2.077	109.4	2.6	0.6
679	10/12/2016 16:16:10	16.83	50.90	33.46	8.32	7.94	4.3	2.091	105.0	2.8	0.6
680	10/12/2016 16:31:11	16.85	50.92	33.47	8.05	7.92	4.6	2.121	101.7	2.7	0.6
681	10/12/2016 16:46:10	17.02	50.93	33.48	7.82	7.92	5.1	2.165	99.1	3.0	0.7
682	10/12/2016 17:01:10	16.95	50.91	33.46	7.72	7.90	5.1	2.229	97.6	2.7	0.6
683	10/12/2016 17:16:11	16.96	50.85	33.42	7.62	7.89	7.6	2.306	96.4	3.1	0.7
684	10/12/2016 17:31:10	16.79	50.85	33.42	7.52	7.87	7.2	2.370	94.8	2.8	0.7
685	10/12/2016 17:46:10	16.60	50.83	33.40	7.48	7.87	5.9	2.439	94.0	2.9	0.7
686	10/12/2016 18:01:10	16.52	50.86	33.42	7.45	7.86	5.9	2.520	93.4	3.0	0.7
687	10/12/2016 18:16:10	16.45	50.80	33.38	7.33	7.85	5.6	2.603	91.7	2.7	0.6
688	10/12/2016 18:31:10	16.18	50.85	33.41	7.10	7.83	5.6	2.658	88.5	2.6	0.6
689	10/12/2016 18:46:10	15.95	50.84	33.40	6.93	7.81	5.6	2.731	86.0	2.4	0.6
690	10/12/2016 19:01:10	15.76	50.83	33.39	6.83	7.80	5.4	2.811	84.3	2.7	0.6
691	10/12/2016 19:16:10	15.67	50.83	33.39	6.77	7.79	5.9	2.879	83.5	2.6	0.6
692	10/12/2016 19:31:10	15.45	50.82	33.37	6.75	7.79	6.1	2.961	82.9	2.8	0.7
693	10/12/2016 19:46:10	15.18	50.79	33.34	6.74	7.78	6.4	3.023	82.3	2.6	0.6
694	10/12/2016 20:01:10	14.93	50.79	33.34	6.81	7.79	5.7	3.099	82.7	2.8	0.7
695	10/12/2016 20:16:10	14.85	50.75	33.31	6.83	7.79	5.9	3.175	82.8	2.6	0.6
696	10/12/2016 20:31:10	14.68	50.76	33.31	6.88	7.79	6.2	3.238	83.2	3.0	0.7
697	10/12/2016 20:46:10	14.38	50.78	33.32	6.98	7.79	6.3	3.301	83.9	3.7	0.9
698	10/12/2016 21:01:10	14.15	50.78	33.31	7.03	7.80	5.3	3.362	84.0	3.3	0.8
699	10/12/2016 21:16:10	13.95	50.78	33.30	7.09	7.80	5.0	3.423	84.4	3.6	0.8
700	10/12/2016 21:31:10	13.90	50.82	33.33	7.10	7.80	4.2	3.446	84.4	3.5	0.8
701	10/12/2016 21:46:10	14.01	50.79	33.31	7.04	7.80	4.0	3.471	83.9	3.4	0.8
702	10/12/2016 22:01:10	14.16	50.77	33.30	6.94	7.80	4.5	3.484	83.0	3.3	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	10/12/2016 22:16:10	13.70	50.86	33.35	7.08	7.80	3.6	3.484	83.9	3.4	0.8
704	10/12/2016 22:31:10	13.77	50.78	33.30	7.07	7.80	4.3	3.445	83.9	3.3	0.8
705	10/12/2016 22:46:10	14.09	50.73	33.27	6.95	7.80	4.2	3.390	83.0	2.8	0.7
706	10/12/2016 23:01:10	14.62	50.81	33.35	6.83	7.80	5.3	3.330	82.5	2.4	0.6
707	10/12/2016 23:16:10	15.01	50.82	33.36	6.52	7.77	5.4	3.270	79.3	3.3	0.8
708	10/12/2016 23:31:10	14.61	50.79	33.33	6.57	7.76	6.1	3.171	79.3	2.9	0.7
709	10/12/2016 23:46:10	14.68	50.79	33.33	6.73	7.78	6.6	3.068	81.4	2.8	0.7
710	10/13/2016 00:01:10	14.89	50.82	33.36	6.68	7.78	5.9	2.974	81.2	2.3	0.5
711	10/13/2016 00:16:10	15.25	50.83	33.38	6.76	7.79	8.1	2.872	82.7	2.5	0.6
712	10/13/2016 00:31:10	15.57	50.85	33.39	6.72	7.80	6.9	2.776	82.7	2.4	0.6
713	10/13/2016 00:46:10	15.83	50.87	33.42	6.83	7.81	6.2	2.658	84.5	2.4	0.6
714	10/13/2016 01:01:10	16.00	50.88	33.43	6.98	7.83	6.7	2.550	86.6	2.4	0.6
715	10/13/2016 01:16:10	16.11	50.88	33.43	7.06	7.84	7.9	2.461	87.9	2.5	0.6
716	10/13/2016 01:31:10	16.07	50.87	33.43	7.18	7.84	8.4	2.343	89.2	2.4	0.6
717	10/13/2016 01:46:10	16.17	50.87	33.43	7.17	7.84	8.6	2.233	89.3	2.6	0.6
718	10/13/2016 02:01:10	16.13	50.83	33.39	7.01	7.84	8.5	2.113	87.2	2.4	0.6
719	10/13/2016 02:16:10	16.26	50.87	33.43	7.02	7.84	7.9	2.027	87.6	2.5	0.6
720	10/13/2016 02:31:10	16.28	50.89	33.44	7.03	7.84	7.1	1.925	87.7	2.4	0.6
721	10/13/2016 02:46:10	16.02	50.86	33.41	6.86	7.81	7.4	1.807	85.1	2.4	0.6
722	10/13/2016 03:01:10	16.30	50.87	33.42	6.97	7.84	6.8	1.725	87.0	2.4	0.6
723	10/13/2016 03:16:10	16.32	50.87	33.43	6.98	7.84	6.6	1.662	87.3	2.9	0.7
724	10/13/2016 03:31:10	16.35	50.83	33.40	6.92	7.83	7.5	1.605	86.5	2.4	0.6
725	10/13/2016 03:46:10	16.40	50.81	33.38	6.95	7.84	6.8	1.569	86.9	2.3	0.5
726	10/13/2016 04:01:10	16.54	50.91	33.46	7.07	7.86	5.7	1.538	88.8	2.4	0.6
727	10/13/2016 04:16:10	16.66	50.96	33.50	7.28	7.89	5.3	1.564	91.6	2.2	0.5
728	10/13/2016 04:31:10	16.83	50.95	33.49	7.54	7.92	5.1	1.602	95.1	1.8	0.4
729	10/13/2016 04:46:10	16.74	50.91	33.46	7.44	7.90	5.2	1.644	93.8	1.9	0.4
730	10/13/2016 05:01:09	16.82	50.90	33.46	7.58	7.91	5.3	1.715	95.6	2.2	0.5
731	10/13/2016 05:16:09	16.75	50.92	33.47	7.47	7.90	5.9	1.808	94.1	1.9	0.5
732	10/13/2016 05:31:09	16.71	50.85	33.42	7.30	7.88	7.1	1.883	91.8	3.1	0.7
733	10/13/2016 05:46:11	16.64	50.78	33.36	7.09	7.86	8.4	1.968	89.0	2.3	0.5
734	10/13/2016 06:01:09	16.47	50.78	33.36	7.02	7.85	7.5	2.061	87.9	2.8	0.7
735	10/13/2016 06:16:09	16.42	50.80	33.38	6.99	7.84	7.0	2.151	87.5	2.6	0.6
736	10/13/2016 06:31:10	16.41	50.81	33.38	6.99	7.84	6.7	2.233	87.5	2.2	0.5
737	10/13/2016 06:46:09	16.28	50.79	33.37	6.93	7.83	6.6	2.319	86.5	2.4	0.6
738	10/13/2016 07:01:09	16.10	50.83	33.39	6.80	7.81	6.5	2.410	84.6	1.9	0.5
739	10/13/2016 07:16:09	15.96	50.82	33.38	6.72	7.80	7.0	2.497	83.4	2.7	0.6

sonde #1

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
740	10/13/2016 07:31:09	15.84	50.82	33.38	6.67	7.79	8.3	2.591	82.5	2.1	0.5
741	10/13/2016 07:46:09	15.65	50.79	33.35	6.62	7.78	8.4	2.671	81.5	2.9	0.7
742	10/13/2016 08:01:09	15.44	50.78	33.34	6.60	7.78	9.3	2.768	81.0	2.4	0.6
743	10/13/2016 08:16:10	15.35	50.78	33.34	6.59	7.78	10.3	2.861	80.7	2.1	0.5
744	10/13/2016 08:31:10	15.09	50.77	33.33	6.60	7.78	11.3	2.946	80.4	2.5	0.6
745	10/13/2016 08:46:10	14.74	50.75	33.30	6.64	7.77	12.0	3.035	80.4	2.7	0.6
746	10/13/2016 09:01:09	14.48	50.73	33.28	6.67	7.77	12.9	3.135	80.3	2.9	0.7
747	10/13/2016 09:16:09	14.21	50.71	33.26	6.73	7.77	11.4	3.224	80.6	3.4	0.8
748	10/13/2016 09:31:09	13.80	50.76	33.28	6.94	7.79	12.8	3.304	82.4	3.0	0.7
749	10/13/2016 09:46:09	13.54	50.76	33.27	7.14	7.81	9.4	3.395	84.3	3.2	0.8
750	10/13/2016 10:01:09	13.38	50.77	33.27	7.24	7.81	8.4	3.468	85.2	3.4	0.8
751	10/13/2016 10:16:10	13.33	50.77	33.27	7.26	7.82	6.2	3.521	85.4	3.3	0.8
752	10/13/2016 10:31:09	13.54	50.76	33.27	7.20	7.81	5.4	3.563	85.0	2.6	0.6
753	10/13/2016 10:46:10	13.33	50.83	33.32	7.18	7.82	4.0	3.596	84.4	2.7	0.6
754	10/13/2016 11:01:09	13.68	50.85	33.34	7.00	7.81	4.5	3.601	83.0	2.5	0.6
755	10/13/2016 11:16:09	13.20	50.84	33.32	7.26	7.82	4.8	3.581	85.2	2.8	0.6
756	10/13/2016 11:31:09	13.62	50.81	33.31	7.19	7.81	5.8	3.539	85.0	2.7	0.6
757	10/13/2016 11:46:09	13.73	50.84	33.34	7.15	7.81	5.6	3.483	84.7	2.8	0.7
758	10/13/2016 12:01:09	14.64	50.77	33.31	7.03	7.79	6.2	3.414	85.0	2.4	0.6
759	10/13/2016 12:16:09	14.62	50.80	33.33	7.11	7.80	8.5	3.314	85.8	2.9	0.7
760	10/13/2016 12:31:09	14.01	50.71	33.25	7.34	7.82	6.8	3.233	87.5	3.4	0.8
761	10/13/2016 12:46:09	14.27	50.72	33.27	7.28	7.81	6.3	3.121	87.2	2.7	0.6
762	10/13/2016 13:01:09	14.33	50.80	33.33	7.23	7.81	7.0	3.006	86.7	2.9	0.7
763	10/13/2016 13:16:09	14.60	50.80	33.34	7.21	7.81	7.2	2.916	87.0	2.9	0.7
764	10/13/2016 13:31:08	15.01	50.80	33.35	7.17	7.80	7.7	2.816	87.2	2.5	0.6
765	10/13/2016 13:46:09	15.28	50.82	33.37	7.10	7.80	9.0	2.697	86.9	2.6	0.6
766	10/13/2016 14:01:09	15.42	50.82	33.38	7.11	7.80	8.9	2.618	87.2	2.3	0.5
767	10/13/2016 14:16:09	15.52	50.82	33.38	7.18	7.81	9.5	2.513	88.2	2.5	0.6
768	10/13/2016 14:31:09	15.63	50.81	33.37	7.26	7.82	9.4	2.420	89.4	2.8	0.7
769	10/13/2016 14:46:09	15.74	50.84	33.39	7.32	7.82	10.0	2.339	90.4	2.7	0.6
770	10/13/2016 15:01:09	15.83	50.86	33.41	7.34	7.83	9.8	2.235	90.8	2.5	0.6
771	10/13/2016 15:16:09	15.96	50.84	33.40	7.53	7.85	10.1	2.140	93.4	3.0	0.7
772	10/13/2016 15:31:09	16.10	50.84	33.40	7.50	7.86	10.3	2.071	93.2	3.6	0.8
773	10/13/2016 15:46:10	16.14	50.89	33.44	7.55	7.87	10.1	2.003	94.0	2.4	0.6
774	10/13/2016 16:01:10	16.22	50.91	33.45	7.65	7.88	9.1	1.941	95.4	2.9	0.7
775	10/13/2016 16:16:10	16.22	50.89	33.44	7.69	7.89	9.0	1.924	95.9	3.0	0.7
776	10/13/2016 16:31:10	16.36	50.91	33.46	7.51	7.89	8.1	1.893	93.9	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	10/13/2016 16:46:10	16.39	50.92	33.46	7.47	7.88	7.0	1.887	93.4	3.0	0.7
778	10/13/2016 17:01:09	16.39	50.92	33.46	7.54	7.88	7.4	1.887	94.4	2.9	0.7
779	10/13/2016 17:16:10	16.32	50.89	33.44	7.53	7.88	8.1	1.953	94.1	2.6	0.6
780	10/13/2016 17:31:10	16.29	50.89	33.44	7.48	7.87	7.9	1.985	93.4	2.8	0.7
781	10/13/2016 17:46:10	16.21	50.88	33.43	7.40	7.86	8.2	2.028	92.3	2.9	0.7
782	10/13/2016 18:01:10	16.12	50.84	33.40	7.35	7.85	8.9	2.119	91.5	3.0	0.7
783	10/13/2016 18:16:10	15.98	50.82	33.38	7.31	7.84	9.7	2.214	90.8	3.7	0.9
784	10/13/2016 18:31:09	15.84	50.82	33.38	7.26	7.83	10.5	2.281	89.8	3.5	0.8
785	10/13/2016 18:46:10	15.77	50.81	33.37	7.25	7.83	9.7	2.350	89.6	3.3	0.8
786	10/13/2016 19:01:09	15.55	50.80	33.36	7.19	7.82	9.0	2.453	88.5	2.9	0.7
787	10/13/2016 19:16:09	15.45	50.74	33.31	7.15	7.81	9.5	2.536	87.8	3.0	0.7
788	10/13/2016 19:31:10	15.52	50.80	33.36	7.10	7.81	11.4	2.628	87.3	3.4	0.8
789	10/13/2016 19:46:10	15.48	50.76	33.33	7.07	7.81	11.7	2.710	86.8	3.2	0.8
790	10/13/2016 20:01:09	15.25	50.76	33.33	7.07	7.81	10.9	2.790	86.5	3.3	0.8
791	10/13/2016 20:16:09	15.08	50.74	33.31	7.08	7.81	11.2	2.910	86.3	3.8	0.9
792	10/13/2016 20:31:09	14.71	50.69	33.26	7.13	7.81	11.4	2.965	86.2	3.5	0.8
793	10/13/2016 20:46:10	14.42	50.66	33.23	7.26	7.82	10.8	3.065	87.3	4.1	1.0
794	10/13/2016 21:01:09	14.08	50.64	33.20	7.40	7.83	10.6	3.169	88.3	3.9	0.9
795	10/13/2016 21:16:09	13.74	50.61	33.17	7.55	7.84	10.0	3.266	89.5	4.1	1.0
796	10/13/2016 21:31:09	13.52	50.52	33.10	7.68	7.84	8.6	3.348	90.5	3.9	0.9
797	10/13/2016 21:46:09	13.29	50.44	33.03	7.78	7.85	7.5	3.429	91.2	4.3	1.0
798	10/13/2016 22:01:09	13.20	50.36	32.97	7.82	7.85	6.2	3.504	91.5	4.3	1.0
799	10/13/2016 22:16:09	13.13	50.34	32.95	7.83	7.85	5.5	3.561	91.5	3.5	0.8
800	10/13/2016 22:31:09	13.10	50.23	32.87	7.82	7.85	5.4	3.610	91.3	4.2	1.0
801	10/13/2016 22:46:09	13.10	50.23	32.87	7.73	7.85	4.3	3.656	90.3	4.4	1.0
802	10/13/2016 23:01:09	13.18	50.33	32.95	7.68	7.84	5.3	3.711	89.9	3.6	0.9
803	10/13/2016 23:16:09	13.11	50.41	33.00	7.68	7.84	5.1	3.657	89.7	3.7	0.9
804	10/13/2016 23:31:09	13.16	50.47	33.05	7.67	7.83	5.9	3.585	89.8	2.9	0.7
805	10/13/2016 23:46:09	13.22	50.48	33.06	7.69	7.84	5.4	3.561	90.1	3.3	0.8
806	10/14/2016 00:01:09	13.39	50.50	33.08	7.65	7.84	6.5	3.500	90.0	3.8	0.9
807	10/14/2016 00:16:09	13.78	50.35	32.98	7.54	7.83	8.3	3.375	89.3	3.6	0.8
808	10/14/2016 00:31:09	14.45	50.09	32.81	7.36	7.81	8.1	3.285	88.2	2.8	0.7
809	10/14/2016 00:46:09	14.32	50.12	32.83	7.45	7.82	7.9	3.182	89.1	3.0	0.7
810	10/14/2016 01:01:09	14.50	50.21	32.90	7.40	7.82	8.9	3.058	88.9	2.6	0.6
811	10/14/2016 01:16:09	14.70	50.22	32.92	7.33	7.82	8.5	2.945	88.4	2.3	0.5
812	10/14/2016 01:31:09	14.88	50.24	32.94	7.27	7.81	9.0	2.866	88.0	2.8	0.7
813	10/14/2016 01:46:09	15.00	50.10	32.84	7.18	7.80	8.3	2.733	87.0	2.8	0.7

sonde #1

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
814	10/14/2016 02:01:09	15.16	50.11	32.85	7.08	7.79	8.5	2.626	86.1	3.1	0.7
815	10/14/2016 02:16:09	15.24	50.17	32.89	7.10	7.79	9.3	2.503	86.6	2.4	0.6
816	10/14/2016 02:31:09	15.37	50.10	32.85	7.09	7.79	10.4	2.405	86.6	2.0	0.5
817	10/14/2016 02:46:09	15.45	50.16	32.89	7.10	7.80	10.0	2.275	86.9	2.0	0.5
818	10/14/2016 03:01:09	15.47	50.10	32.85	7.02	7.79	10.4	2.174	86.0	2.6	0.6
819	10/14/2016 03:16:09	15.55	50.16	32.89	7.07	7.81	10.9	2.088	86.7	2.4	0.6
820	10/14/2016 03:31:09	15.50	50.10	32.84	7.04	7.81	10.1	1.976	86.2	2.5	0.6
821	10/14/2016 03:46:09	15.61	50.15	32.88	7.02	7.81	11.0	1.883	86.2	2.3	0.5
822	10/14/2016 04:01:09	15.75	50.19	32.92	7.03	7.82	10.1	1.788	86.6	3.0	0.7
823	10/14/2016 04:16:09	15.79	50.16	32.89	7.03	7.82	10.2	1.716	86.6	1.9	0.4
824	10/14/2016 04:31:09	15.96	50.08	32.84	6.93	7.83	8.9	1.656	85.7	2.0	0.5
825	10/14/2016 04:46:09	16.06	50.03	32.81	6.96	7.84	8.4	1.624	86.1	2.2	0.5
826	10/14/2016 05:01:09	16.19	50.01	32.80	7.04	7.85	7.9	1.631	87.4	2.3	0.5
827	10/14/2016 05:16:09	16.16	49.99	32.78	7.11	7.85	7.3	1.633	88.2	2.3	0.5
828	10/14/2016 05:31:09	16.09	49.99	32.78	7.06	7.85	7.4	1.672	87.5	2.3	0.5
829	10/14/2016 05:46:09	16.08	49.99	32.77	7.13	7.85	7.9	1.739	88.3	2.2	0.5
830	10/14/2016 06:01:09	16.00	49.95	32.75	7.11	7.84	7.9	1.807	87.9	2.6	0.6
831	10/14/2016 06:16:09	15.86	49.37	32.32	7.09	7.82	8.9	1.896	87.2	2.6	0.6
832	10/14/2016 06:31:09	15.78	49.14	32.15	7.10	7.82	9.0	2.012	87.0	2.4	0.6
833	10/14/2016 06:46:09	15.73	49.44	32.37	7.08	7.81	9.0	2.096	86.9	1.9	0.4
834	10/14/2016 07:01:09	15.67	49.65	32.52	7.06	7.81	8.4	2.215	86.6	2.4	0.6
835	10/14/2016 07:16:09	15.58	49.75	32.59	7.06	7.81	8.9	2.314	86.5	2.5	0.6
836	10/14/2016 07:31:09	15.50	49.88	32.69	7.07	7.80	9.8	2.416	86.6	2.5	0.6
837	10/14/2016 07:46:09	15.45	49.95	32.74	7.08	7.80	9.7	2.508	86.6	2.3	0.5
838	10/14/2016 08:01:09	15.46	49.96	32.75	7.08	7.80	11.3	2.600	86.6	2.6	0.6
839	10/14/2016 08:16:09	15.36	49.95	32.73	7.07	7.80	13.3	2.700	86.3	2.3	0.5
840	10/14/2016 08:31:09	15.17	50.00	32.77	7.07	7.80	14.4	2.768	86.0	2.7	0.6
841	10/14/2016 08:46:09	15.03	50.02	32.78	7.07	7.80	14.9	2.880	85.8	2.9	0.7
842	10/14/2016 09:01:09	14.80	50.02	32.77	7.12	7.79	15.5	2.986	86.0	3.0	0.7
843	10/14/2016 09:16:09	14.48	50.03	32.77	7.22	7.80	16.4	3.098	86.7	3.0	0.7
844	10/14/2016 09:31:09	14.12	50.10	32.81	7.41	7.81	18.9	3.192	88.3	3.5	0.8
845	10/14/2016 09:46:09	13.73	50.06	32.77	7.65	7.82	16.4	3.308	90.4	3.5	0.8
846	10/14/2016 10:01:09	13.54	50.13	32.82	7.76	7.83	15.8	3.397	91.3	3.1	0.7
847	10/14/2016 10:16:08	13.45	50.14	32.82	7.78	7.83	13.7	3.499	91.4	3.0	0.7
848	10/14/2016 10:31:09	13.37	50.16	32.83	7.81	7.84	11.6	3.570	91.6	3.1	0.7
849	10/14/2016 10:46:10	13.31	50.17	32.83	7.79	7.85	11.2	3.645	91.3	2.9	0.7
850	10/14/2016 11:01:08	13.31	50.15	32.82	7.84	7.86	8.7	3.700	91.9	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	10/14/2016 11:16:08	13.14	50.16	32.82	7.95	7.87	7.0	3.737	92.8	2.6	0.6
852	10/14/2016 11:31:08	13.62	50.14	32.82	7.68	7.84	6.9	3.750	90.6	2.6	0.6
853	10/14/2016 11:46:08	13.48	50.16	32.83	7.63	7.84	6.1	3.763	89.8	2.1	0.5
854	10/14/2016 12:01:09	13.18	50.15	32.82	7.97	7.86	7.5	3.711	93.2	2.4	0.6
855	10/14/2016 12:16:08	13.35	50.11	32.80	7.84	7.85	8.3	3.684	91.9	2.0	0.5
856	10/14/2016 12:31:08	13.67	50.09	32.79	7.77	7.85	8.6	3.620	91.8	2.8	0.7
857	10/14/2016 12:46:08	14.02	50.13	32.83	8.11	7.87	10.3	3.507	96.5	2.3	0.5
858	10/14/2016 13:01:09	13.89	50.10	32.80	8.11	7.87	7.0	3.416	96.2	2.4	0.6
859	10/14/2016 13:16:08	13.71	50.14	32.83	8.19	7.88	6.6	3.309	96.8	2.5	0.6
860	10/14/2016 13:31:08	14.19	50.06	32.78	7.72	7.84	11.1	3.172	92.1	2.6	0.6
861	10/14/2016 13:46:09	14.33	50.06	32.79	7.66	7.84	10.1	3.056	91.6	2.4	0.6
862	10/14/2016 14:01:08	14.63	50.00	32.75	7.60	7.83	9.0	2.939	91.4	2.5	0.6
863	10/14/2016 14:16:09	14.78	50.03	32.78	7.52	7.83	9.5	2.829	90.8	2.5	0.6
864	10/14/2016 14:31:10	14.99	50.00	32.77	7.51	7.83	8.5	2.704	91.0	2.2	0.5
865	10/14/2016 14:46:08	15.19	49.94	32.73	7.51	7.83	8.7	2.589	91.4	2.6	0.6
866	10/14/2016 15:01:08	15.39	49.93	32.72	7.48	7.83	8.9	2.475	91.3	2.5	0.6
867	10/14/2016 15:16:08	15.55	49.84	32.66	7.48	7.83	10.1	2.368	91.7	2.1	0.5
868	10/14/2016 15:31:08	15.65	49.88	32.69	7.53	7.84	8.8	2.248	92.4	2.3	0.5
869	10/14/2016 15:46:08	15.69	49.89	32.70	7.66	7.85	8.1	2.138	94.1	1.6	0.4
870	10/14/2016 16:01:08	15.74	49.90	32.70	7.81	7.86	8.4	2.034	96.0	2.3	0.5
871	10/14/2016 16:16:08	15.76	49.93	32.73	7.85	7.86	9.0	1.929	96.5	2.7	0.6
872	10/14/2016 16:31:08	15.88	49.93	32.73	7.96	7.86	9.0	1.841	98.2	2.8	0.6
873	10/14/2016 16:46:08	15.99	49.95	32.74	7.77	7.86	8.6	1.775	96.0	2.2	0.5
874	10/14/2016 17:01:08	16.01	49.95	32.75	7.88	7.87	9.2	1.706	97.4	2.7	0.6
875	10/14/2016 17:16:09	16.16	49.93	32.74	7.81	7.88	8.1	1.682	96.8	2.3	0.5
876	10/14/2016 17:31:09	16.22	49.92	32.73	7.68	7.87	6.5	1.692	95.4	2.4	0.6
877	10/14/2016 17:46:08	16.36	49.84	32.67	7.59	7.87	5.6	1.631	94.5	2.3	0.5
878	10/14/2016 18:01:08	16.31	49.83	32.66	7.71	7.87	6.0	1.689	95.8	2.5	0.6
879	10/14/2016 18:16:08	16.25	49.85	32.68	7.63	7.86	6.4	1.760	94.7	2.8	0.7
880	10/14/2016 18:31:10	16.22	49.85	32.67	7.57	7.85	6.4	1.834	94.0	1.8	0.4
881	10/14/2016 18:46:08	16.21	49.41	32.35	7.46	7.83	9.5	1.902	92.5	2.7	0.6
882	10/14/2016 19:01:08	16.19	49.21	32.21	7.42	7.81	9.5	2.019	91.8	3.0	0.7
883	10/14/2016 19:16:08	16.06	49.58	32.47	7.43	7.82	9.5	2.141	91.8	3.4	0.8
884	10/14/2016 19:31:08	15.99	49.61	32.50	7.42	7.82	8.4	2.219	91.6	2.7	0.6
885	10/14/2016 19:46:08	15.82	49.74	32.59	7.39	7.81	8.8	2.287	91.0	2.8	0.7
886	10/14/2016 20:01:09	15.63	49.86	32.67	7.34	7.80	9.7	2.429	90.0	2.9	0.7
887	10/14/2016 20:16:09	15.53	49.89	32.70	7.30	7.79	10.3	2.523	89.4	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	10/14/2016 20:31:09	15.55	49.88	32.68	7.27	7.79	10.8	2.629	89.0	3.0	0.7
889	10/14/2016 20:46:09	15.40	49.88	32.68	7.28	7.79	11.9	2.725	88.9	2.9	0.7
890	10/14/2016 21:01:08	15.21	49.91	32.70	7.34	7.79	12.6	2.811	89.3	2.8	0.7
891	10/14/2016 21:16:08	15.08	49.99	32.76	7.37	7.79	14.0	2.909	89.5	2.6	0.6
892	10/14/2016 21:31:09	14.79	50.01	32.76	7.50	7.80	15.1	3.015	90.5	3.3	0.8
893	10/14/2016 21:46:08	14.54	50.01	32.76	7.62	7.81	16.1	3.114	91.5	2.6	0.6
894	10/14/2016 22:01:08	14.17	50.10	32.81	7.79	7.82	17.0	3.206	93.0	3.4	0.8
895	10/14/2016 22:16:09	13.93	50.14	32.83	8.01	7.84	17.5	3.305	95.1	3.6	0.8
896	10/14/2016 22:31:09	13.67	50.15	32.84	8.20	7.85	14.5	3.404	96.8	2.8	0.7
897	10/14/2016 22:46:08	13.63	50.15	32.83	8.31	7.86	12.9	3.477	98.0	2.7	0.6
898	10/14/2016 23:01:08	13.23	50.18	32.84	8.61	7.89	12.5	3.554	100.8	2.9	0.7
899	10/14/2016 23:16:09	13.12	50.20	32.85	8.69	7.90	10.0	3.604	101.5	2.2	0.5
900	10/14/2016 23:31:08	13.03	50.19	32.84	8.69	7.91	7.6	3.628	101.2	2.6	0.6
901	10/14/2016 23:46:09	13.15	50.22	32.87	8.53	7.89	6.8	3.701	99.7	2.8	0.7
902	10/15/2016 00:01:08	13.27	50.19	32.85	8.45	7.89	7.9	3.659	99.0	2.7	0.6
903	10/15/2016 00:16:08	13.04	50.17	32.83	8.71	7.90	8.1	3.628	101.5	1.7	0.4
904	10/15/2016 00:31:08	13.33	50.14	32.82	8.48	7.88	8.7	3.605	99.5	2.2	0.5
905	10/15/2016 00:46:08	13.75	50.12	32.81	8.10	7.85	9.0	3.520	95.8	2.4	0.6
906	10/15/2016 01:01:08	13.99	50.08	32.80	7.88	7.83	9.5	3.431	93.7	3.0	0.7
907	10/15/2016 01:16:08	13.63	50.17	32.84	8.29	7.87	8.4	3.307	97.8	2.5	0.6
908	10/15/2016 01:31:08	13.95	50.08	32.79	8.07	7.84	9.1	3.177	95.8	2.8	0.7
909	10/15/2016 01:46:08	14.17	50.08	32.80	7.85	7.83	9.4	3.105	93.6	2.7	0.6
910	10/15/2016 02:01:08	14.35	50.04	32.78	7.70	7.82	10.0	2.980	92.1	2.2	0.5
911	10/15/2016 02:16:08	14.54	50.04	32.78	7.53	7.81	9.5	2.831	90.5	2.2	0.5
912	10/15/2016 02:31:08	14.73	50.01	32.76	7.41	7.79	9.2	2.744	89.4	2.6	0.6
913	10/15/2016 02:46:08	14.89	49.99	32.75	7.30	7.79	10.3	2.613	88.3	2.0	0.5
914	10/15/2016 03:01:08	15.02	49.97	32.74	7.27	7.78	10.9	2.514	88.2	2.2	0.5
915	10/15/2016 03:16:08	15.14	49.93	32.71	7.21	7.78	10.9	2.402	87.6	2.3	0.5
916	10/15/2016 03:31:09	15.27	49.93	32.72	7.16	7.78	11.2	2.289	87.3	2.2	0.5
917	10/15/2016 03:46:09	15.30	49.92	32.71	7.13	7.78	12.8	2.187	86.9	2.5	0.6
918	10/15/2016 04:01:09	15.32	49.93	32.72	7.17	7.78	13.2	2.063	87.4	3.0	0.7
919	10/15/2016 04:16:08	15.36	49.92	32.71	7.17	7.79	13.0	1.952	87.6	2.9	0.7
920	10/15/2016 04:31:08	15.42	49.94	32.73	7.20	7.79	13.1	1.854	88.0	3.0	0.7
921	10/15/2016 04:46:08	15.50	49.91	32.71	7.21	7.80	12.4	1.766	88.2	2.5	0.6
922	10/15/2016 05:01:08	15.53	49.90	32.70	7.18	7.79	11.3	1.727	87.9	2.3	0.5
923	10/15/2016 05:16:08	15.61	49.82	32.65	7.18	7.80	9.8	1.668	88.0	2.2	0.5
924	10/15/2016 05:31:08	15.69	49.81	32.64	7.16	7.80	10.4	1.639	87.9	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	10/15/2016 05:46:08	15.71	49.79	32.62	7.11	7.81	8.1	1.655	87.3	2.9	0.7
926	10/15/2016 06:01:08	15.68	49.79	32.63	7.22	7.81	9.1	1.661	88.6	2.3	0.5
927	10/15/2016 06:16:08	15.64	49.74	32.59	7.22	7.80	8.3	1.688	88.5	1.9	0.4
928	10/15/2016 06:31:08	15.63	49.80	32.63	7.21	7.80	8.0	1.758	88.5	2.2	0.5
929	10/15/2016 06:46:08	15.57	49.78	32.61	7.22	7.80	9.2	1.848	88.5	1.9	0.5
930	10/15/2016 07:01:08	15.48	49.41	32.34	7.12	7.78	12.5	1.954	86.9	2.4	0.6
931	10/15/2016 07:16:08	15.45	49.53	32.43	7.15	7.78	10.5	2.039	87.3	2.6	0.6
932	10/15/2016 07:31:08	15.38	49.63	32.50	7.17	7.78	10.3	2.165	87.4	2.4	0.6
933	10/15/2016 07:46:08	15.31	49.68	32.54	7.17	7.78	10.4	2.260	87.4	2.5	0.6
934	10/15/2016 08:01:08	15.14	49.85	32.66	7.25	7.79	10.4	2.369	88.0	2.9	0.7
935	10/15/2016 08:16:08	15.12	49.89	32.69	7.26	7.78	11.1	2.454	88.1	2.0	0.5
936	10/15/2016 08:31:08	15.10	49.92	32.70	7.28	7.78	12.4	2.562	88.3	2.6	0.6
937	10/15/2016 08:46:08	14.96	49.96	32.73	7.31	7.79	13.6	2.646	88.5	2.4	0.6
938	10/15/2016 09:01:08	14.77	49.96	32.73	7.38	7.79	14.7	2.755	89.0	2.7	0.6
939	10/15/2016 09:16:08	14.50	50.00	32.75	7.55	7.81	15.7	2.868	90.6	2.4	0.6
940	10/15/2016 09:31:08	14.30	50.00	32.74	7.69	7.82	18.6	2.969	91.9	3.2	0.8
941	10/15/2016 09:46:08	13.99	50.01	32.74	7.93	7.84	17.9	3.101	94.2	3.2	0.7
942	10/15/2016 10:01:08	13.73	50.06	32.77	8.12	7.85	19.5	3.207	95.9	2.7	0.6
943	10/15/2016 10:16:08	13.45	50.06	32.76	8.32	7.87	17.4	3.324	97.8	3.4	0.8
944	10/15/2016 10:31:08	13.38	50.07	32.77	8.36	7.88	16.6	3.444	98.1	2.5	0.6
945	10/15/2016 10:46:08	13.29	50.03	32.73	8.38	7.88	14.6	3.543	98.1	2.8	0.7
946	10/15/2016 11:01:08	13.15	50.11	32.78	8.51	7.90	17.4	3.641	99.4	2.7	0.6
947	10/15/2016 11:16:08	13.01	50.06	32.74	8.69	7.91	11.8	3.701	101.1	2.7	0.6
948	10/15/2016 11:31:08	13.25	49.93	32.66	8.57	7.90	9.7	3.786	100.2	2.3	0.5
949	10/15/2016 11:46:07	12.90	50.01	32.70	8.74	7.92	8.0	3.865	101.4	2.1	0.5
950	10/15/2016 12:01:08	13.08	49.90	32.63	8.70	7.91	7.6	3.885	101.4	2.1	0.5
951	10/15/2016 12:16:08	13.33	49.87	32.62	8.42	7.89	7.9	3.902	98.6	2.2	0.5
952	10/15/2016 12:31:08	13.10	50.02	32.71	8.51	7.90	7.3	3.909	99.2	4.7	1.1
953	10/15/2016 12:46:06	13.04	50.01	32.71	8.60	7.90	7.2	3.878	100.2	2.0	0.5
954	10/15/2016 13:01:07	13.29	49.95	32.67	8.44	7.88	7.8	3.813	98.8	2.4	0.6
955	10/15/2016 13:16:07	13.47	49.87	32.62	8.32	7.87	10.8	3.747	97.7	2.6	0.6
956	10/15/2016 13:31:07	13.47	49.88	32.63	8.28	7.87	14.0	3.654	97.3	2.7	0.6
957	10/15/2016 13:46:08	13.38	49.93	32.66	8.43	7.88	11.9	3.556	98.9	2.7	0.6
958	10/15/2016 14:01:07	13.41	49.89	32.64	8.36	7.88	11.7	3.431	98.1	2.3	0.5
959	10/15/2016 14:16:07	13.60	49.86	32.62	8.24	7.86	12.5	3.311	97.1	1.7	0.4
960	10/15/2016 14:31:07	13.60	49.89	32.64	8.25	7.86	13.4	3.191	97.2	2.0	0.5
961	10/15/2016 14:46:07	13.68	49.87	32.63	8.18	7.86	14.7	3.052	96.5	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	10/15/2016 15:01:07	13.86	49.82	32.60	8.13	7.85	13.7	2.897	96.2	2.1	0.5
963	10/15/2016 15:16:07	14.00	49.81	32.60	8.04	7.84	14.9	2.771	95.4	2.5	0.6
964	10/15/2016 15:31:07	14.17	49.74	32.55	7.97	7.83	17.0	2.648	94.9	3.0	0.7
965	10/15/2016 15:46:07	14.33	49.71	32.53	7.91	7.83	16.6	2.519	94.4	2.8	0.7
966	10/15/2016 16:01:07	14.61	49.64	32.49	7.78	7.81	18.6	2.396	93.5	2.7	0.6
967	10/15/2016 16:16:08	14.75	49.63	32.49	7.75	7.81	18.9	2.265	93.3	2.7	0.6
968	10/15/2016 16:31:08	14.88	49.56	32.44	7.72	7.81	20.0	2.138	93.1	3.2	0.8
969	10/15/2016 16:46:07	14.99	49.52	32.41	7.78	7.81	18.8	2.022	94.1	5.4	1.3
970	10/15/2016 17:01:07	15.15	49.50	32.40	7.78	7.82	21.4	1.921	94.4	3.1	0.7
971	10/15/2016 17:16:08	15.31	49.41	32.34	7.84	7.83	23.4	1.800	95.4	3.4	0.8
972	10/15/2016 17:31:06	15.36	49.44	32.36	7.84	7.83	26.0	1.719	95.4	2.9	0.7
973	10/15/2016 17:46:07	15.36	49.46	32.37	7.80	7.83	25.1	1.650	95.0	3.4	0.8
974	10/15/2016 18:01:07	15.36	49.46	32.38	7.81	7.83	24.0	1.565	95.1	3.1	0.7
975	10/15/2016 18:16:07	15.45	49.37	32.31	7.70	7.83	17.7	1.560	93.9	2.5	0.6
976	10/15/2016 18:31:08	15.46	49.29	32.26	7.61	7.82	14.7	1.527	92.8	2.6	0.6
977	10/15/2016 18:46:08	15.45	49.13	32.14	7.75	7.82	14.4	1.558	94.4	2.5	0.6
978	10/15/2016 19:01:07	15.39	49.15	32.15	7.73	7.82	16.9	1.581	94.0	2.4	0.6
979	10/15/2016 19:16:07	15.37	49.04	32.07	7.69	7.81	25.7	1.680	93.5	3.2	0.7
980	10/15/2016 19:31:07	15.26	47.88	31.22	7.71	7.80	33.2	1.808	93.1	3.9	0.9
981	10/15/2016 19:46:08	15.23	48.27	31.51	7.67	7.80	21.9	1.870	92.7	3.0	0.7
982	10/15/2016 20:01:07	15.17	48.65	31.78	7.64	7.80	17.5	1.985	92.4	3.2	0.7
983	10/15/2016 20:16:07	15.14	48.85	31.93	7.63	7.80	18.3	2.120	92.3	3.1	0.7
984	10/15/2016 20:31:07	15.08	49.00	32.03	7.63	7.80	19.5	2.226	92.2	3.3	0.8
985	10/15/2016 20:46:07	14.94	49.09	32.10	7.65	7.80	15.4	2.319	92.3	2.6	0.6
986	10/15/2016 21:01:07	14.91	49.17	32.16	7.64	7.79	16.7	2.432	92.1	3.5	0.8
987	10/15/2016 21:16:07	14.92	49.14	32.13	7.62	7.79	18.9	2.525	91.9	2.8	0.7
988	10/15/2016 21:31:07	14.90	49.30	32.25	7.61	7.79	20.8	2.626	91.8	4.0	1.0
989	10/15/2016 21:46:07	14.78	49.33	32.27	7.66	7.80	20.1	2.729	92.2	2.9	0.7
990	10/15/2016 22:01:07	14.66	49.35	32.28	7.69	7.80	22.0	2.833	92.3	3.1	0.7
991	10/15/2016 22:16:07	14.34	49.39	32.30	7.82	7.82	22.2	2.938	93.3	3.3	0.8
992	10/15/2016 22:31:07	14.08	49.43	32.32	7.97	7.83	22.3	3.044	94.6	2.9	0.7
993	10/15/2016 22:46:07	13.97	49.56	32.41	8.02	7.84	25.3	3.172	95.1	3.4	0.8
994	10/15/2016 23:01:07	13.80	49.62	32.45	8.14	7.85	26.5	3.256	96.2	2.9	0.7
995	10/15/2016 23:16:07	13.64	49.69	32.49	8.27	7.86	21.9	3.358	97.3	3.0	0.7
996	10/15/2016 23:31:07	13.58	49.72	32.52	8.30	7.87	22.2	3.459	97.6	2.8	0.7
997	10/15/2016 23:46:07	13.56	49.72	32.52	8.26	7.87	18.1	3.541	97.2	3.1	0.7
998	10/16/2016 00:01:07	13.53	49.71	32.51	8.20	7.87	13.3	3.627	96.3	3.2	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	10/16/2016 00:16:07	13.57	49.65	32.47	8.18	7.86	11.1	3.677	96.1	2.4	0.6
1000	10/16/2016 00:31:07	13.49	49.72	32.52	8.24	7.87	8.6	3.726	96.8	2.7	0.6
1001	10/16/2016 00:46:07	13.72	49.61	32.44	8.04	7.85	10.1	3.743	94.8	2.4	0.6
1002	10/16/2016 01:01:07	13.59	49.70	32.50	8.12	7.86	9.4	3.714	95.5	2.0	0.5
1003	10/16/2016 01:16:07	13.52	49.74	32.53	8.29	7.88	9.9	3.693	97.4	2.5	0.6
1004	10/16/2016 01:31:07	13.65	49.68	32.49	8.14	7.86	11.5	3.630	95.9	2.2	0.5
1005	10/16/2016 01:46:07	13.63	49.70	32.50	8.11	7.85	13.3	3.534	95.4	2.6	0.6
1006	10/16/2016 02:01:07	13.74	49.64	32.47	8.07	7.85	11.8	3.437	95.2	2.9	0.7
1007	10/16/2016 02:16:07	13.63	49.74	32.53	8.15	7.86	11.2	3.304	95.9	2.2	0.5
1008	10/16/2016 02:31:07	13.78	49.62	32.45	8.04	7.84	13.7	3.213	94.9	2.7	0.6
1009	10/16/2016 02:46:07	13.88	49.53	32.39	7.99	7.84	13.0	3.090	94.5	2.1	0.5
1010	10/16/2016 03:01:07	13.89	49.56	32.41	7.96	7.84	13.8	2.967	94.1	3.3	0.8
1011	10/16/2016 03:16:07	14.02	49.49	32.37	7.86	7.82	13.8	2.852	93.2	4.6	1.1
1012	10/16/2016 03:31:07	14.04	49.47	32.35	7.74	7.81	11.7	2.718	91.9	2.7	0.6
1013	10/16/2016 03:46:07	14.34	49.39	32.30	7.57	7.80	11.3	2.604	90.3	2.8	0.7
1014	10/16/2016 04:01:07	14.44	49.27	32.22	7.48	7.78	12.0	2.503	89.4	2.9	0.7
1015	10/16/2016 04:16:07	14.50	49.23	32.19	7.43	7.78	11.8	2.388	88.8	2.5	0.6
1016	10/16/2016 04:31:07	14.54	49.22	32.18	7.43	7.78	12.4	2.274	89.0	2.1	0.5
1017	10/16/2016 04:46:07	14.59	49.20	32.17	7.37	7.78	12.5	2.182	88.3	2.4	0.6
1018	10/16/2016 05:01:07	14.63	49.20	32.17	7.34	7.77	12.5	2.076	88.0	2.3	0.5
1019	10/16/2016 05:16:07	14.69	48.99	32.02	7.32	7.77	11.4	1.970	87.8	2.7	0.6
1020	10/16/2016 05:31:07	14.72	48.83	31.90	7.31	7.77	11.0	1.883	87.7	1.9	0.5
1021	10/16/2016 05:46:07	14.71	48.84	31.91	7.26	7.77	10.8	1.835	87.0	2.1	0.5
1022	10/16/2016 06:01:07	14.67	48.83	31.90	7.20	7.76	10.6	1.768	86.3	2.4	0.6
1023	10/16/2016 06:16:07	14.70	48.77	31.86	7.21	7.76	10.3	1.751	86.4	2.0	0.5
1024	10/16/2016 06:31:07	14.75	48.79	31.87	7.22	7.77	9.2	1.742	86.6	2.3	0.5
1025	10/16/2016 06:46:07	14.71	48.81	31.89	7.27	7.77	9.2	1.758	87.1	2.6	0.6
1026	10/16/2016 07:01:07	14.69	48.84	31.91	7.28	7.77	9.8	1.819	87.2	2.0	0.5
1027	10/16/2016 07:16:07	14.73	48.88	31.94	7.34	7.77	9.5	1.893	88.1	2.2	0.5
1028	10/16/2016 07:31:07	14.71	48.55	31.70	7.31	7.76	11.0	1.961	87.5	2.1	0.5
1029	10/16/2016 07:46:07	14.66	48.19	31.43	7.28	7.76	11.5	2.068	86.9	2.0	0.5
1030	10/16/2016 08:01:07	14.67	48.62	31.75	7.31	7.76	12.4	2.165	87.5	2.3	0.5
1031	10/16/2016 08:16:07	14.62	48.76	31.85	7.35	7.77	11.9	2.275	88.0	2.4	0.6
1032	10/16/2016 08:31:07	14.47	49.02	32.03	7.46	7.78	13.2	2.389	89.0	2.2	0.5
1033	10/16/2016 08:46:07	14.41	49.24	32.19	7.56	7.79	14.0	2.499	90.3	2.3	0.5
1034	10/16/2016 09:01:07	14.42	49.26	32.21	7.60	7.79	15.9	2.596	90.7	2.4	0.6
1035	10/16/2016 09:16:07	14.37	49.32	32.25	7.60	7.80	18.7	2.702	90.7	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	10/16/2016 09:31:07	14.24	49.38	32.29	7.68	7.80	21.3	2.812	91.4	2.5	0.6
1037	10/16/2016 09:46:07	14.18	49.41	32.31	7.73	7.81	23.5	2.921	91.9	2.8	0.6
1038	10/16/2016 10:01:07	13.98	49.44	32.32	7.86	7.83	25.2	3.041	93.0	2.6	0.6
1039	10/16/2016 10:16:07	13.87	49.50	32.36	7.97	7.84	32.3	3.166	94.2	2.9	0.7
1040	10/16/2016 10:31:07	13.67	49.61	32.44	8.20	7.88	27.2	3.295	96.6	2.7	0.6
1041	10/16/2016 10:46:07	13.62	49.62	32.44	8.26	7.89	25.3	3.417	97.2	2.8	0.7
1042	10/16/2016 11:01:07	13.57	49.60	32.43	8.28	7.89	24.3	3.536	97.3	2.5	0.6
1043	10/16/2016 11:16:07	13.56	49.61	32.43	8.29	7.90	23.3	3.649	97.4	2.4	0.6
1044	10/16/2016 11:31:07	13.58	49.65	32.47	8.29	7.90	19.0	3.749	97.5	2.3	0.5
1045	10/16/2016 11:46:07	13.56	49.70	32.50	8.37	7.91	18.6	3.835	98.4	2.2	0.5
1046	10/16/2016 12:01:07	13.55	49.70	32.50	8.49	7.93	14.2	3.919	99.8	2.5	0.6
1047	10/16/2016 12:16:07	13.58	49.63	32.45	8.53	7.93	11.2	3.986	100.3	1.7	0.4
1048	10/16/2016 12:31:07	13.57	49.64	32.46	8.48	7.94	8.4	4.032	99.7	1.8	0.4
1049	10/16/2016 12:46:07	13.78	49.50	32.36	8.20	7.89	10.2	4.059	96.8	2.4	0.6
1050	10/16/2016 13:01:07	13.72	49.55	32.40	8.19	7.90	8.8	4.061	96.5	2.2	0.5
1051	10/16/2016 13:16:07	13.81	49.46	32.34	8.09	7.87	11.2	4.011	95.5	2.0	0.5
1052	10/16/2016 13:31:07	13.74	49.50	32.36	8.12	7.88	9.4	3.955	95.7	2.6	0.6
1053	10/16/2016 13:46:07	13.60	49.53	32.38	8.29	7.91	9.5	3.867	97.5	1.7	0.4
1054	10/16/2016 14:01:07	13.59	49.41	32.29	8.53	7.94	9.0	3.766	100.2	1.8	0.4
1055	10/16/2016 14:16:07	13.67	49.48	32.34	8.26	7.89	15.7	3.640	97.3	2.4	0.6
1056	10/16/2016 14:31:07	13.63	49.40	32.29	8.30	7.90	14.8	3.505	97.6	8.3	1.9
1057	10/16/2016 14:46:08	13.69	49.42	32.30	8.25	7.89	17.0	3.406	97.1	2.7	0.6
1058	10/16/2016 15:01:06	13.70	49.37	32.27	8.18	7.88	18.7	3.248	96.3	2.4	0.6
1059	10/16/2016 15:16:06	13.71	49.26	32.18	8.17	7.87	16.5	3.126	96.1	3.0	0.7
1060	10/16/2016 15:31:06	13.81	49.22	32.16	8.10	7.86	15.3	2.977	95.5	2.6	0.6
1061	10/16/2016 15:46:06	13.87	49.19	32.14	8.05	7.86	15.0	2.818	95.0	3.3	0.8
1062	10/16/2016 16:01:06	14.09	49.01	32.01	7.98	7.84	14.5	2.683	94.5	2.9	0.7
1063	10/16/2016 16:16:06	14.17	49.02	32.02	7.93	7.83	14.1	2.537	94.1	2.7	0.6
1064	10/16/2016 16:31:07	14.32	48.83	31.89	7.85	7.82	13.8	2.404	93.3	2.3	0.5
1065	10/16/2016 16:46:07	14.36	48.85	31.90	7.84	7.82	13.3	2.247	93.4	2.8	0.6
1066	10/16/2016 17:01:06	14.33	48.90	31.95	8.04	7.84	12.4	2.091	95.7	2.9	0.7
1067	10/16/2016 17:16:08	14.42	48.79	31.87	7.90	7.82	13.3	1.976	94.1	2.3	0.5
1068	10/16/2016 17:31:06	14.43	48.74	31.83	7.92	7.84	13.8	1.827	94.4	2.3	0.5
1069	10/16/2016 17:46:06	14.50	48.66	31.77	7.81	7.82	15.9	1.687	93.2	2.7	0.6
1070	10/16/2016 18:01:07	14.55	48.60	31.73	7.77	7.81	16.3	1.581	92.7	2.5	0.6
1071	10/16/2016 18:16:06	14.61	48.46	31.63	7.71	7.80	16.0	1.459	92.1	2.4	0.6
1072	10/16/2016 18:31:07	14.63	48.46	31.63	7.67	7.80	16.0	1.366	91.6	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	10/16/2016 18:46:06	14.65	48.40	31.58	7.63	7.79	16.5	1.335	91.2	2.2	0.5
1074	10/16/2016 19:01:06	14.68	48.37	31.56	7.59	7.79	15.3	1.273	90.8	2.5	0.6
1075	10/16/2016 19:16:06	14.68	48.34	31.54	7.51	7.79	12.5	1.294	89.7	2.1	0.5
1076	10/16/2016 19:31:06	14.66	48.34	31.55	7.60	7.79	13.0	1.346	90.9	2.7	0.6
1077	10/16/2016 19:46:08	14.66	48.37	31.56	7.61	7.79	12.0	1.376	90.9	2.2	0.5
1078	10/16/2016 20:01:07	14.66	48.28	31.50	7.59	7.78	11.2	1.475	90.7	2.2	0.5
1079	10/16/2016 20:16:06	14.65	47.77	31.13	7.57	7.77	13.3	1.588	90.2	2.3	0.5
1080	10/16/2016 20:31:06	14.65	47.54	30.96	7.56	7.77	12.2	1.708	90.0	2.5	0.6
1081	10/16/2016 20:46:06	14.62	47.27	30.77	7.56	7.77	12.8	1.816	89.8	3.1	0.7
1082	10/16/2016 21:01:06	14.62	47.89	31.22	7.58	7.78	15.3	1.931	90.3	2.3	0.5
1083	10/16/2016 21:16:06	14.57	48.15	31.40	7.61	7.78	14.0	2.059	90.7	2.6	0.6
1084	10/16/2016 21:31:06	14.51	48.41	31.59	7.62	7.79	15.5	2.169	90.8	2.7	0.6
1085	10/16/2016 21:46:06	14.46	48.55	31.69	7.63	7.79	15.1	2.276	91.0	2.4	0.6
1086	10/16/2016 22:01:06	14.44	48.56	31.70	7.65	7.79	15.1	2.379	91.1	3.1	0.7
1087	10/16/2016 22:16:06	14.43	48.55	31.69	7.65	7.79	18.0	2.495	91.1	3.2	0.8
1088	10/16/2016 22:31:06	14.36	48.62	31.74	7.67	7.80	20.0	2.584	91.3	3.2	0.7
1089	10/16/2016 22:46:06	14.30	48.67	31.77	7.71	7.80	22.5	2.686	91.6	2.7	0.6
1090	10/16/2016 23:01:07	14.16	48.69	31.79	7.78	7.82	24.5	2.812	92.1	3.2	0.8
1091	10/16/2016 23:16:06	14.07	48.79	31.86	7.85	7.83	25.8	2.919	92.8	3.3	0.8
1092	10/16/2016 23:31:06	14.06	48.84	31.89	7.87	7.83	29.8	3.027	93.2	3.3	0.8
1093	10/16/2016 23:46:06	13.92	48.94	31.96	8.02	7.86	30.0	3.136	94.7	3.2	0.8
1094	10/17/2016 00:01:06	13.84	49.02	32.01	8.11	7.87	26.1	3.243	95.5	2.7	0.6
1095	10/17/2016 00:16:06	13.80	49.07	32.05	8.13	7.88	26.7	3.364	95.8	3.2	0.8
1096	10/17/2016 00:31:06	13.75	49.13	32.09	8.17	7.89	24.1	3.457	96.2	3.1	0.7
1097	10/17/2016 00:46:06	13.69	49.15	32.11	8.23	7.90	20.8	3.533	96.8	2.8	0.7
1098	10/17/2016 01:01:06	13.63	49.14	32.09	8.23	7.92	13.6	3.620	96.6	2.3	0.5
1099	10/17/2016 01:16:06	13.62	49.07	32.05	8.19	7.91	12.5	3.677	96.1	2.2	0.5
1100	10/17/2016 01:31:06	13.71	48.94	31.95	8.04	7.89	10.3	3.719	94.4	2.4	0.6
1101	10/17/2016 01:46:06	13.67	49.01	32.00	8.10	7.90	11.0	3.722	95.1	1.6	0.4
1102	10/17/2016 02:01:06	13.63	49.06	32.04	8.27	7.92	10.2	3.708	97.1	2.1	0.5
1103	10/17/2016 02:16:06	13.69	49.06	32.04	8.21	7.91	12.2	3.644	96.5	2.5	0.6
1104	10/17/2016 02:31:06	13.82	48.90	31.93	7.92	7.85	13.6	3.563	93.3	2.9	0.7
1105	10/17/2016 02:46:06	13.75	48.99	31.99	8.05	7.87	12.0	3.481	94.7	2.2	0.5
1106	10/17/2016 03:01:06	13.73	49.04	32.03	8.11	7.88	11.1	3.372	95.4	2.7	0.6
1107	10/17/2016 03:16:06	13.73	49.08	32.06	8.06	7.88	11.5	3.257	94.9	2.1	0.5
1108	10/17/2016 03:31:06	13.83	48.94	31.96	7.97	7.86	15.8	3.135	93.9	2.1	0.5
1109	10/17/2016 03:46:06	13.85	48.93	31.95	7.88	7.85	13.4	3.025	92.9	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	10/17/2016 04:01:06	13.87	48.90	31.93	7.84	7.84	13.5	2.908	92.4	2.3	0.5
1111	10/17/2016 04:16:06	13.92	48.80	31.86	7.77	7.83	12.6	2.795	91.7	2.3	0.5
1112	10/17/2016 04:31:06	13.95	48.76	31.83	7.64	7.81	11.2	2.695	90.2	1.6	0.4
1113	10/17/2016 04:46:06	14.03	48.61	31.72	7.45	7.78	10.9	2.574	88.0	2.2	0.5
1114	10/17/2016 05:01:06	14.05	48.62	31.73	7.51	7.79	10.9	2.462	88.7	1.7	0.4
1115	10/17/2016 05:16:06	14.06	48.50	31.64	7.45	7.78	11.1	2.363	88.1	2.2	0.5
1116	10/17/2016 05:31:06	14.14	48.32	31.52	7.53	7.78	11.5	2.264	89.0	1.8	0.4
1117	10/17/2016 05:46:06	14.13	48.19	31.42	7.58	7.79	11.4	2.170	89.6	2.1	0.5
1118	10/17/2016 06:01:06	14.07	48.00	31.28	7.63	7.79	10.3	2.104	90.0	2.3	0.5
1119	10/17/2016 06:16:06	14.05	47.81	31.14	7.64	7.79	10.0	2.015	90.0	2.0	0.5
1120	10/17/2016 06:31:06	14.06	47.38	30.83	7.62	7.78	9.8	1.939	89.6	2.3	0.5
1121	10/17/2016 06:46:06	14.06	47.46	30.89	7.60	7.78	9.0	1.903	89.4	1.8	0.4
1122	10/17/2016 07:01:06	14.09	47.33	30.80	7.51	7.77	8.9	1.857	88.4	1.8	0.4
1123	10/17/2016 07:16:06	14.04	47.31	30.78	7.44	7.78	8.7	1.847	87.4	2.2	0.5
1124	10/17/2016 07:31:07	14.12	47.67	31.04	7.52	7.77	8.6	1.869	88.6	2.2	0.5
1125	10/17/2016 07:46:06	14.09	47.65	31.03	7.54	7.77	10.8	1.901	88.8	2.2	0.5
1126	10/17/2016 08:01:06	14.12	47.72	31.08	7.53	7.77	12.3	1.971	88.8	1.7	0.4
1127	10/17/2016 08:16:06	14.12	47.68	31.05	7.53	7.77	14.2	2.084	88.8	2.3	0.5
1128	10/17/2016 08:31:06	14.10	47.23	30.73	7.51	7.76	13.1	2.173	88.3	2.1	0.5
1129	10/17/2016 08:46:06	14.11	47.21	30.71	7.48	7.76	15.5	2.290	87.9	2.6	0.6
1130	10/17/2016 09:01:06	14.11	47.47	30.90	7.48	7.77	17.1	2.396	88.1	2.2	0.5
1131	10/17/2016 09:16:06	14.10	47.76	31.11	7.50	7.77	18.0	2.502	88.4	2.0	0.5
1132	10/17/2016 09:31:06	14.06	48.13	31.37	7.65	7.80	19.1	2.614	90.2	2.4	0.6
1133	10/17/2016 09:46:06	14.05	48.24	31.46	7.69	7.80	18.1	2.715	90.7	1.9	0.5
1134	10/17/2016 10:01:06	14.04	48.28	31.48	7.71	7.80	17.9	2.818	90.9	2.5	0.6
1135	10/17/2016 10:16:06	14.02	48.38	31.55	7.72	7.81	19.1	2.924	91.1	2.1	0.5
1136	10/17/2016 10:31:06	13.99	48.47	31.62	7.76	7.82	21.7	3.042	91.6	2.4	0.6
1137	10/17/2016 10:46:06	13.92	48.56	31.69	7.84	7.83	23.9	3.155	92.4	2.8	0.6
1138	10/17/2016 11:01:06	13.86	48.61	31.72	7.91	7.85	26.4	3.268	93.1	2.5	0.6
1139	10/17/2016 11:16:06	13.77	48.67	31.76	8.05	7.87	27.5	3.400	94.6	2.8	0.7
1140	10/17/2016 11:31:06	13.68	48.75	31.81	8.21	7.90	24.7	3.505	96.3	2.6	0.6
1141	10/17/2016 11:46:06	13.65	48.79	31.84	8.28	7.91	26.2	3.611	97.1	2.5	0.6
1142	10/17/2016 12:01:06	13.61	48.87	31.90	8.33	7.92	26.9	3.723	97.6	2.6	0.6
1143	10/17/2016 12:16:06	13.58	48.94	31.95	8.39	7.93	24.9	3.823	98.4	2.7	0.6
1144	10/17/2016 12:31:06	13.55	48.99	31.98	8.48	7.94	24.0	3.919	99.4	2.5	0.6
1145	10/17/2016 12:46:06	13.54	49.03	32.01	8.49	7.95	16.4	3.991	99.5	1.7	0.4
1146	10/17/2016 13:01:06	13.51	49.08	32.05	8.56	7.96	13.4	4.055	100.2	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	10/17/2016 13:16:07	13.53	49.08	32.05	8.54	7.96	8.6	4.101	100.0	1.6	0.4
1148	10/17/2016 13:31:06	13.64	48.92	31.94	8.31	7.93	9.2	4.102	97.5	1.7	0.4
1149	10/17/2016 13:46:06	13.61	48.95	31.96	8.36	7.93	11.4	4.107	98.0	1.6	0.4
1150	10/17/2016 14:01:06	13.75	48.86	31.89	8.27	7.92	15.8	4.048	97.2	2.5	0.6
1151	10/17/2016 14:16:06	13.67	48.96	31.97	8.46	7.94	12.5	3.970	99.4	1.9	0.4
1152	10/17/2016 14:31:06	13.79	48.93	31.95	8.45	7.94	12.8	3.865	99.5	2.1	0.5
1153	10/17/2016 14:46:06	13.94	48.87	31.91	8.45	7.93	11.4	3.749	99.8	2.8	0.7
1154	10/17/2016 15:01:06	14.01	48.66	31.76	8.31	7.91	13.4	3.629	98.2	1.9	0.5
1155	10/17/2016 15:16:06	13.98	48.55	31.68	8.24	7.90	20.3	3.485	97.2	2.5	0.6
1156	10/17/2016 15:31:06	13.98	48.55	31.67	8.24	7.90	20.2	3.349	97.2	2.3	0.5
1157	10/17/2016 15:46:06	14.07	48.49	31.64	8.17	7.88	18.4	3.222	96.5	2.5	0.6
1158	10/17/2016 16:01:06	14.16	48.43	31.59	8.13	7.88	15.7	3.085	96.2	2.6	0.6
1159	10/17/2016 16:16:07	14.26	48.35	31.54	8.07	7.86	13.8	2.932	95.6	2.2	0.5
1160	10/17/2016 16:31:07	14.35	48.23	31.46	8.04	7.85	15.6	2.783	95.5	2.2	0.5
1161	10/17/2016 16:46:06	14.43	48.07	31.34	7.93	7.83	15.5	2.643	94.3	2.4	0.6
1162	10/17/2016 17:01:05	14.51	47.89	31.21	7.97	7.83	15.2	2.484	94.8	2.5	0.6
1163	10/17/2016 17:16:06	14.52	47.91	31.23	8.04	7.83	16.2	2.336	95.6	2.3	0.5
1164	10/17/2016 17:31:06	14.52	47.79	31.14	8.01	7.83	16.9	2.175	95.3	2.1	0.5
1165	10/17/2016 17:46:05	14.55	47.70	31.08	8.03	7.83	17.5	2.017	95.5	2.2	0.5
1166	10/17/2016 18:01:05	14.60	47.52	30.95	8.02	7.82	19.5	1.866	95.4	2.0	0.5
1167	10/17/2016 18:16:06	14.62	47.46	30.90	8.05	7.83	21.3	1.717	95.7	2.6	0.6
1168	10/17/2016 18:31:05	14.66	47.27	30.77	7.93	7.81	22.5	1.568	94.4	2.7	0.6
1169	10/17/2016 18:46:06	14.68	47.17	30.69	7.90	7.80	22.5	1.441	94.0	3.2	0.8
1170	10/17/2016 19:01:06	14.71	46.98	30.56	7.88	7.79	23.1	1.310	93.7	2.5	0.6
1171	10/17/2016 19:16:05	14.71	46.98	30.56	7.85	7.79	22.9	1.214	93.3	2.8	0.7
1172	10/17/2016 19:31:06	14.73	46.81	30.44	7.85	7.79	21.6	1.147	93.4	2.5	0.6
1173	10/17/2016 19:46:05	14.74	46.80	30.43	7.82	7.79	18.2	1.108	93.0	2.9	0.7
1174	10/17/2016 20:01:05	14.72	46.81	30.43	7.80	7.78	17.5	1.133	92.7	2.8	0.7
1175	10/17/2016 20:16:06	14.72	46.88	30.49	7.86	7.79	15.4	1.211	93.4	2.6	0.6
1176	10/17/2016 20:31:05	14.71	46.90	30.50	7.85	7.79	13.7	1.267	93.3	2.0	0.5
1177	10/17/2016 20:46:05	14.70	46.49	30.21	7.88	7.79	13.1	1.371	93.5	1.9	0.4
1178	10/17/2016 21:01:06	14.71	46.47	30.19	7.84	7.78	15.0	1.482	93.0	2.6	0.6
1179	10/17/2016 21:16:05	14.71	45.61	29.57	7.80	7.77	14.4	1.583	92.2	2.7	0.6
1180	10/17/2016 21:31:05	14.70	45.94	29.81	7.78	7.77	13.9	1.696	92.1	2.6	0.6
1181	10/17/2016 21:46:05	14.69	46.22	30.01	7.78	7.78	14.2	1.807	92.2	3.3	0.8
1182	10/17/2016 22:01:05	14.70	46.25	30.04	7.79	7.78	15.0	1.907	92.3	3.0	0.7
1183	10/17/2016 22:16:05	14.67	46.68	30.34	7.78	7.78	15.5	2.020	92.3	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	10/17/2016 22:31:05	14.64	46.92	30.52	7.76	7.78	15.1	2.126	92.1	2.4	0.6
1185	10/17/2016 22:46:05	14.62	47.13	30.66	7.75	7.78	17.2	2.259	92.0	2.9	0.7
1186	10/17/2016 23:01:05	14.59	47.06	30.61	7.75	7.78	15.8	2.376	91.9	2.7	0.6
1187	10/17/2016 23:16:05	14.59	47.46	30.90	7.74	7.79	21.3	2.479	92.0	3.1	0.7
1188	10/17/2016 23:31:05	14.51	47.56	30.98	7.76	7.80	21.9	2.592	92.1	2.9	0.7
1189	10/17/2016 23:46:05	14.49	47.65	31.04	7.77	7.80	25.0	2.707	92.3	3.1	0.7
1190	10/18/2016 00:01:05	14.40	47.75	31.11	7.83	7.82	29.4	2.799	92.9	2.9	0.7
1191	10/18/2016 00:16:05	14.33	47.87	31.20	7.90	7.83	26.4	2.913	93.6	3.5	0.8
1192	10/18/2016 00:31:05	14.21	48.12	31.37	8.11	7.85	27.5	3.026	95.9	3.1	0.7
1193	10/18/2016 00:46:06	14.12	48.35	31.54	8.27	7.88	24.4	3.133	97.7	2.7	0.6
1194	10/18/2016 01:01:06	14.09	48.42	31.58	8.28	7.88	24.9	3.232	97.9	3.0	0.7
1195	10/18/2016 01:16:05	14.03	48.46	31.62	8.31	7.89	32.7	3.334	98.0	2.7	0.6
1196	10/18/2016 01:31:05	13.96	48.54	31.67	8.38	7.90	27.8	3.425	98.8	3.0	0.7
1197	10/18/2016 01:46:06	13.82	48.70	31.78	8.49	7.93	25.1	3.503	99.9	3.1	0.7
1198	10/18/2016 02:01:06	13.70	48.89	31.91	8.56	7.94	18.1	3.563	100.6	2.6	0.6
1199	10/18/2016 02:16:06	13.66	48.93	31.94	8.58	7.95	13.1	3.615	100.8	2.1	0.5
1200	10/18/2016 02:31:06	13.62	48.96	31.96	8.55	7.95	7.5	3.642	100.3	2.0	0.5
1201	10/18/2016 02:46:05	13.69	48.88	31.91	8.49	7.94	9.7	3.639	99.7	2.0	0.5
1202	10/18/2016 03:01:06	13.61	48.96	31.97	8.59	7.96	10.6	3.618	100.8	1.8	0.4
1203	10/18/2016 03:16:05	13.68	48.88	31.91	8.53	7.94	18.6	3.562	100.2	2.4	0.6
1204	10/18/2016 03:31:06	14.10	48.09	31.35	7.91	7.84	15.0	3.483	93.3	2.2	0.5
1205	10/18/2016 03:46:05	14.00	48.31	31.50	8.06	7.87	13.0	3.381	95.0	2.2	0.5
1206	10/18/2016 04:01:06	13.81	48.67	31.76	8.36	7.91	11.7	3.273	98.3	2.0	0.5
1207	10/18/2016 04:16:06	14.00	48.35	31.54	8.17	7.88	15.6	3.173	96.3	1.9	0.5
1208	10/18/2016 04:31:06	14.06	48.25	31.46	8.07	7.87	15.0	3.071	95.3	2.0	0.5
1209	10/18/2016 04:46:05	14.09	48.15	31.39	8.01	7.86	13.7	2.950	94.5	2.3	0.5
1210	10/18/2016 05:01:06	14.13	48.07	31.34	7.91	7.84	13.9	2.851	93.5	2.1	0.5
1211	10/18/2016 05:16:06	14.20	47.90	31.22	7.78	7.83	12.5	2.753	91.9	1.8	0.4
1212	10/18/2016 05:31:06	14.24	47.70	31.07	7.65	7.80	11.7	2.637	90.4	2.6	0.6
1213	10/18/2016 05:46:06	14.29	47.53	30.95	7.55	7.79	12.0	2.534	89.2	2.1	0.5
1214	10/18/2016 06:01:05	14.30	47.39	30.85	7.41	7.77	12.1	2.445	87.5	2.1	0.5
1215	10/18/2016 06:16:06	14.36	47.17	30.69	7.50	7.77	11.5	2.336	88.7	2.5	0.6
1216	10/18/2016 06:31:06	14.35	47.04	30.60	7.44	7.77	11.7	2.265	87.9	2.1	0.5
1217	10/18/2016 06:46:05	14.33	46.84	30.45	7.39	7.76	10.5	2.186	87.2	1.8	0.4
1218	10/18/2016 07:01:05	14.31	46.67	30.33	7.38	7.75	10.6	2.105	86.9	2.0	0.5
1219	10/18/2016 07:16:05	14.30	46.53	30.22	7.35	7.75	10.6	2.048	86.5	2.0	0.5
1220	10/18/2016 07:31:05	14.27	46.49	30.19	7.31	7.74	9.9	2.002	86.0	1.7	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1221	10/18/2016 07:46:05	14.28	46.43	30.15	7.30	7.74	9.6	1.971	85.9	2.3	0.5
1222	10/18/2016 08:01:05	14.31	46.35	30.09	7.29	7.74	8.7	1.989	85.7	1.8	0.4
1223	10/18/2016 08:16:05	14.28	46.44	30.16	7.34	7.74	10.2	1.983	86.3	1.9	0.5
1224	10/18/2016 08:31:05	14.30	46.52	30.22	7.34	7.74	10.1	2.042	86.4	1.3	0.3
1225	10/18/2016 08:46:05	14.31	46.57	30.25	7.38	7.75	10.4	2.107	86.9	2.3	0.5
1226	10/18/2016 09:01:05	14.32	46.52	30.21	7.42	7.75	10.7	2.188	87.3	1.7	0.4
1227	10/18/2016 09:16:05	14.30	46.22	30.00	7.41	7.75	10.9	2.278	87.0	2.0	0.5
1228	10/18/2016 09:31:05	14.31	46.40	30.13	7.43	7.75	11.4	2.382	87.4	2.4	0.6
1229	10/18/2016 09:46:05	14.33	46.70	30.35	7.47	7.76	12.5	2.492	88.0	1.8	0.4
1230	10/18/2016 10:01:05	14.30	47.07	30.61	7.54	7.78	12.6	2.576	88.9	2.2	0.5
1231	10/18/2016 10:16:05	14.28	47.31	30.79	7.65	7.80	12.6	2.677	90.3	2.3	0.5
1232	10/18/2016 10:31:06	14.29	47.56	30.97	7.77	7.81	12.3	2.768	91.8	2.1	0.5
1233	10/18/2016 10:46:05	14.30	47.65	31.04	7.79	7.82	14.6	2.863	92.2	1.4	0.3
1234	10/18/2016 11:01:05	14.27	47.81	31.15	7.84	7.83	17.7	2.972	92.7	2.4	0.6
1235	10/18/2016 11:16:05	14.22	47.93	31.23	7.92	7.84	18.8	3.071	93.6	2.1	0.5
1236	10/18/2016 11:31:05	14.19	48.02	31.30	7.97	7.85	21.6	3.181	94.3	2.5	0.6
1237	10/18/2016 11:46:05	14.08	48.16	31.40	8.10	7.87	22.3	3.287	95.6	2.4	0.6
1238	10/18/2016 12:01:05	13.99	48.32	31.51	8.23	7.89	22.7	3.394	97.0	2.5	0.6
1239	10/18/2016 12:16:05	13.87	48.52	31.65	8.37	7.92	21.3	3.511	98.4	2.0	0.5
1240	10/18/2016 12:31:05	13.75	48.69	31.77	8.46	7.93	24.6	3.630	99.4	2.3	0.5
1241	10/18/2016 12:46:05	13.68	48.80	31.85	8.51	7.95	24.0	3.719	99.9	2.5	0.6
1242	10/18/2016 13:01:05	13.67	48.82	31.86	8.53	7.95	23.6	3.817	100.1	2.7	0.6
1243	10/18/2016 13:16:05	13.66	48.84	31.88	8.55	7.96	19.9	3.898	100.3	1.7	0.4
1244	10/18/2016 13:31:05	13.66	48.89	31.92	8.55	7.96	15.6	3.966	100.4	2.0	0.5
1245	10/18/2016 13:46:05	13.69	48.86	31.90	8.59	7.96	10.1	4.021	100.8	1.9	0.4
1246	10/18/2016 14:01:05	13.74	48.81	31.86	8.63	7.97	8.1	4.058	101.5	1.8	0.4
1247	10/18/2016 14:16:05	13.73	48.77	31.83	8.62	7.97	5.6	4.083	101.3	1.6	0.4
1248	10/18/2016 14:31:05	13.81	48.79	31.84	8.47	7.95	9.5	4.064	99.7	1.9	0.4
1249	10/18/2016 14:46:05	13.71	48.80	31.85	8.58	7.96	14.2	4.016	100.8	2.3	0.5
1250	10/18/2016 15:01:05	13.67	48.82	31.86	8.67	7.97	9.5	3.954	101.8	2.0	0.5
1251	10/18/2016 15:16:05	13.94	48.78	31.84	8.56	7.95	10.9	3.855	101.0	2.1	0.5
1252	10/18/2016 15:31:05	14.08	48.77	31.84	8.65	7.96	10.2	3.747	102.3	1.8	0.4
1253	10/18/2016 15:46:05	14.46	48.34	31.54	8.51	7.92	11.1	3.618	101.3	2.0	0.5
1254	10/18/2016 16:01:05	14.52	48.22	31.46	8.44	7.91	15.1	3.485	100.5	2.2	0.5
1255	10/18/2016 16:16:05	14.48	48.24	31.47	8.42	7.91	18.7	3.347	100.3	2.1	0.5
1256	10/18/2016 16:31:05	14.54	48.16	31.41	8.32	7.90	17.3	3.211	99.1	2.5	0.6
1257	10/18/2016 16:46:05	14.59	48.12	31.38	8.31	7.89	13.5	3.079	99.1	1.7	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1258	10/18/2016 17:01:05	14.73	47.89	31.22	8.13	7.86	13.5	2.938	97.1	2.2	0.5
1259	10/18/2016 17:16:05	14.81	47.67	31.06	8.12	7.85	13.4	2.769	97.1	1.9	0.4
1260	10/18/2016 17:31:05	14.90	47.43	30.89	8.03	7.83	12.3	2.636	96.0	1.7	0.4
1261	10/18/2016 17:46:05	14.75	47.70	31.08	8.19	7.87	10.9	2.481	97.8	2.1	0.5
1262	10/18/2016 18:01:05	14.80	47.59	31.01	8.22	7.86	10.5	2.317	98.2	1.8	0.4
1263	10/18/2016 18:16:05	14.93	47.26	30.77	8.07	7.84	12.8	2.144	96.5	2.0	0.5
1264	10/18/2016 18:31:05	14.93	47.20	30.72	8.09	7.84	12.6	2.008	96.7	1.6	0.4
1265	10/18/2016 18:46:05	14.98	47.04	30.61	8.02	7.83	13.4	1.862	96.0	2.4	0.6
1266	10/18/2016 19:01:05	15.03	46.90	30.51	8.00	7.82	14.8	1.678	95.7	2.4	0.6
1267	10/18/2016 19:16:05	15.11	46.75	30.40	7.93	7.81	15.3	1.543	95.0	2.7	0.6
1268	10/18/2016 19:31:05	15.15	46.63	30.32	7.88	7.80	15.8	1.393	94.4	2.4	0.6
1269	10/18/2016 19:46:05	15.21	46.49	30.22	7.84	7.79	17.0	1.259	93.9	2.5	0.6
1270	10/18/2016 20:01:05	15.19	46.45	30.19	7.78	7.78	19.8	1.163	93.2	2.8	0.7
1271	10/18/2016 20:16:05	15.26	46.17	29.99	7.81	7.78	16.1	1.084	93.5	2.3	0.5
1272	10/18/2016 20:31:05	15.31	46.00	29.87	7.82	7.79	13.3	1.072	93.7	2.6	0.6
1273	10/18/2016 20:46:05	15.31	46.06	29.91	7.93	7.80	11.6	1.103	95.0	2.0	0.5
1274	10/18/2016 21:01:04	15.26	46.07	29.92	7.96	7.80	10.6	1.197	95.4	2.7	0.6
1275	10/18/2016 21:16:05	15.24	46.15	29.97	7.96	7.80	10.5	1.286	95.3	2.2	0.5
1276	10/18/2016 21:31:04	15.23	45.92	29.81	7.95	7.79	10.1	1.387	95.1	2.3	0.5
1277	10/18/2016 21:46:04	15.24	45.93	29.81	7.92	7.79	10.6	1.490	94.8	2.1	0.5
1278	10/18/2016 22:01:04	15.28	45.20	29.29	7.84	7.77	11.5	1.573	93.6	2.7	0.6
1279	10/18/2016 22:16:05	15.27	45.32	29.38	7.80	7.77	11.2	1.669	93.1	2.8	0.7
1280	10/18/2016 22:31:04	15.24	45.69	29.64	7.83	7.78	10.1	1.752	93.6	2.6	0.6
1281	10/18/2016 22:46:04	15.23	45.92	29.81	7.84	7.78	10.1	1.859	93.7	2.6	0.6
1282	10/18/2016 23:01:05	15.22	46.12	29.95	7.84	7.79	12.0	1.958	93.9	2.4	0.6
1283	10/18/2016 23:16:04	15.16	46.45	30.19	7.81	7.79	11.2	2.054	93.5	2.2	0.5
1284	10/18/2016 23:31:05	15.13	46.74	30.39	7.77	7.79	11.9	2.163	93.0	2.4	0.6
1285	10/18/2016 23:46:05	15.09	46.84	30.47	7.74	7.79	12.4	2.284	92.7	2.4	0.6
1286	10/19/2016 00:01:05	15.06	46.88	30.49	7.76	7.79	14.1	2.388	92.9	3.1	0.7
1287	10/19/2016 00:16:05	15.00	47.02	30.59	7.78	7.80	15.5	2.492	93.1	2.6	0.6
1288	10/19/2016 00:31:04	14.88	47.08	30.64	7.83	7.81	16.1	2.602	93.5	3.0	0.7
1289	10/19/2016 00:46:04	14.86	47.26	30.77	7.86	7.82	17.2	2.703	93.8	2.5	0.6
1290	10/19/2016 01:01:04	14.81	47.38	30.85	7.89	7.83	19.1	2.815	94.2	2.8	0.7
1291	10/19/2016 01:16:04	14.72	47.45	30.90	7.93	7.83	21.0	2.906	94.6	2.6	0.6
1292	10/19/2016 01:31:04	14.59	47.68	31.06	8.06	7.85	17.8	2.997	95.9	2.3	0.6
1293	10/19/2016 01:46:05	14.37	48.05	31.32	8.30	7.89	20.9	3.089	98.5	2.6	0.6
1294	10/19/2016 02:01:04	14.29	48.17	31.41	8.39	7.91	22.8	3.180	99.4	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1295	10/19/2016 02:16:04	14.23	48.26	31.47	8.45	7.92	24.3	3.272	100.1	3.2	0.7
1296	10/19/2016 02:31:04	14.14	48.36	31.55	8.49	7.93	23.8	3.363	100.4	2.7	0.6
1297	10/19/2016 02:46:04	14.00	48.55	31.68	8.57	7.94	20.0	3.434	101.1	2.1	0.5
1298	10/19/2016 03:01:05	13.90	48.65	31.75	8.61	7.95	14.2	3.480	101.4	2.8	0.6
1299	10/19/2016 03:16:05	13.80	48.78	31.84	8.61	7.96	9.6	3.543	101.3	1.7	0.4
1300	10/19/2016 03:31:05	13.77	48.82	31.87	8.56	7.96	7.2	3.559	100.7	1.9	0.5
1301	10/19/2016 03:46:05	13.76	48.83	31.88	8.57	7.96	8.9	3.539	100.7	1.9	0.4
1302	10/19/2016 04:01:06	13.76	48.83	31.87	8.58	7.96	10.1	3.524	100.9	1.7	0.4
1303	10/19/2016 04:16:06	13.88	48.61	31.72	8.45	7.94	11.8	3.457	99.5	2.4	0.6
1304	10/19/2016 04:31:05	14.29	47.83	31.16	7.91	7.85	15.8	3.381	93.6	2.6	0.6
1305	10/19/2016 04:46:05	14.10	48.13	31.38	8.16	7.89	11.9	3.282	96.4	2.1	0.5
1306	10/19/2016 05:01:05	14.09	48.15	31.39	8.18	7.89	11.7	3.178	96.6	1.9	0.5
1307	10/19/2016 05:16:05	14.25	47.83	31.16	7.97	7.86	12.6	3.083	94.2	2.2	0.5
1308	10/19/2016 05:31:04	14.31	47.84	31.17	8.00	7.86	12.5	2.994	94.7	1.9	0.4
1309	10/19/2016 05:46:05	14.35	47.70	31.08	7.88	7.84	12.1	2.880	93.3	2.0	0.5
1310	10/19/2016 06:01:04	14.39	47.53	30.95	7.69	7.81	11.6	2.786	91.0	2.2	0.5
1311	10/19/2016 06:16:04	14.44	47.39	30.85	7.63	7.80	10.6	2.697	90.4	2.4	0.6
1312	10/19/2016 06:31:04	14.45	47.15	30.68	7.49	7.78	9.3	2.617	88.7	2.2	0.5
1313	10/19/2016 06:46:05	14.41	47.10	30.64	7.41	7.77	9.4	2.520	87.7	2.2	0.5
1314	10/19/2016 07:01:04	14.41	47.00	30.56	7.41	7.77	9.9	2.432	87.6	2.4	0.6
1315	10/19/2016 07:16:04	14.39	46.98	30.55	7.43	7.77	10.3	2.356	87.8	2.0	0.5
1316	10/19/2016 07:31:04	14.44	46.68	30.33	7.40	7.76	9.8	2.275	87.4	1.7	0.4
1317	10/19/2016 07:46:05	14.38	46.44	30.16	7.36	7.75	8.4	2.212	86.7	2.2	0.5
1318	10/19/2016 08:01:04	14.32	46.44	30.16	7.31	7.74	8.3	2.141	86.0	1.8	0.4
1319	10/19/2016 08:16:04	14.34	46.28	30.05	7.31	7.74	8.1	2.129	86.0	2.0	0.5
1320	10/19/2016 08:31:04	14.40	46.16	29.96	7.29	7.74	8.1	2.111	85.9	1.6	0.4
1321	10/19/2016 08:46:04	14.38	46.17	29.97	7.23	7.74	7.2	2.095	85.1	1.2	0.3
1322	10/19/2016 09:01:04	14.39	46.35	30.10	7.30	7.74	7.9	2.124	86.0	1.7	0.4
1323	10/19/2016 09:16:05	14.43	46.44	30.16	7.33	7.74	8.4	2.174	86.5	2.2	0.5
1324	10/19/2016 09:31:04	14.38	46.40	30.14	7.37	7.75	8.4	2.228	86.9	1.9	0.5
1325	10/19/2016 09:46:04	14.48	46.52	30.22	7.44	7.75	8.6	2.290	87.8	2.0	0.5
1326	10/19/2016 10:01:04	14.38	46.22	30.01	7.42	7.75	9.5	2.378	87.3	2.1	0.5
1327	10/19/2016 10:16:05	14.43	46.50	30.21	7.45	7.76	10.2	2.479	87.9	2.3	0.5
1328	10/19/2016 10:31:04	14.45	46.68	30.34	7.47	7.77	10.0	2.568	88.3	2.0	0.5
1329	10/19/2016 10:46:04	14.42	47.00	30.57	7.56	7.78	10.9	2.651	89.3	2.0	0.5
1330	10/19/2016 11:01:04	14.42	47.30	30.78	7.71	7.81	10.7	2.744	91.3	1.6	0.4
1331	10/19/2016 11:16:04	14.46	47.48	30.91	7.82	7.82	9.8	2.827	92.7	1.6	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1332	10/19/2016 11:31:04	14.47	47.58	30.99	7.86	7.83	11.4	2.938	93.3	2.2	0.5
1333	10/19/2016 11:46:04	14.43	47.68	31.06	7.93	7.84	13.2	3.016	94.1	2.0	0.5
1334	10/19/2016 12:01:04	14.33	47.87	31.19	8.02	7.86	15.1	3.109	95.1	2.0	0.5
1335	10/19/2016 12:16:04	14.27	47.90	31.22	8.09	7.87	14.8	3.217	95.7	2.1	0.5
1336	10/19/2016 12:31:05	14.17	48.17	31.41	8.19	7.89	20.0	3.303	96.8	2.6	0.6
1337	10/19/2016 12:46:05	13.98	48.44	31.60	8.35	7.91	15.8	3.406	98.5	2.9	0.7
1338	10/19/2016 13:01:05	13.90	48.58	31.69	8.42	7.93	17.0	3.499	99.2	2.0	0.5
1339	10/19/2016 13:16:04	13.82	48.71	31.79	8.49	7.94	18.7	3.606	99.9	2.2	0.5
1340	10/19/2016 13:31:04	13.66	48.94	31.95	8.59	7.95	17.5	3.697	100.9	2.2	0.5
1341	10/19/2016 13:46:04	13.63	48.99	31.99	8.61	7.96	14.2	3.781	101.0	2.6	0.6
1342	10/19/2016 14:01:04	13.59	49.10	32.07	8.62	7.96	15.1	3.856	101.2	1.9	0.4
1343	10/19/2016 14:16:04	13.58	49.15	32.10	8.63	7.97	11.2	3.913	101.3	2.2	0.5
1344	10/19/2016 14:31:04	13.57	49.17	32.12	8.59	7.97	7.9	3.946	100.8	1.6	0.4
1345	10/19/2016 14:46:05	13.58	49.13	32.09	8.57	7.97	5.4	3.981	100.6	1.5	0.4
1346	10/19/2016 15:01:05	13.58	49.17	32.11	8.49	7.97	4.5	4.000	99.6	1.6	0.4
1347	10/19/2016 15:16:05	13.62	49.13	32.09	8.51	7.96	7.5	3.972	99.9	1.3	0.3
1348	10/19/2016 15:31:04	13.60	49.16	32.11	8.57	7.97	9.1	3.929	100.5	1.8	0.4
1349	10/19/2016 15:46:04	13.80	49.00	32.00	8.54	7.96	10.3	3.873	100.6	2.3	0.5
1350	10/19/2016 16:01:04	14.10	48.85	31.90	8.66	7.96	7.8	3.776	102.5	1.6	0.4
1351	10/19/2016 16:16:04	14.17	48.67	31.77	8.69	7.95	8.1	3.663	103.0	2.0	0.5
1352	10/19/2016 16:31:04	14.33	48.50	31.65	8.65	7.94	7.9	3.551	102.7	2.0	0.5
1353	10/19/2016 16:46:04	14.54	48.15	31.40	8.52	7.92	11.7	3.433	101.5	2.4	0.6
1354	10/19/2016 17:01:04	14.55	48.14	31.39	8.46	7.91	11.4	3.302	100.8	1.9	0.4
1355	10/19/2016 17:16:04	14.54	48.13	31.39	8.42	7.91	12.8	3.159	100.2	2.6	0.6
1356	10/19/2016 17:31:04	14.60	48.00	31.30	8.30	7.89	11.2	3.046	98.9	2.4	0.6
1357	10/19/2016 17:46:04	14.59	48.01	31.30	8.30	7.90	10.0	2.909	98.9	2.7	0.6
1358	10/19/2016 18:01:04	14.65	47.87	31.20	8.33	7.89	9.3	2.763	99.3	2.7	0.6
1359	10/19/2016 18:16:04	14.78	47.54	30.97	8.16	7.86	9.7	2.630	97.4	2.6	0.6
1360	10/19/2016 18:31:04	14.86	47.27	30.77	8.02	7.84	10.6	2.479	95.7	2.0	0.5
1361	10/19/2016 18:46:04	14.82	47.30	30.80	8.01	7.84	10.0	2.323	95.6	2.0	0.5
1362	10/19/2016 19:01:04	14.89	47.12	30.66	7.93	7.83	11.7	2.181	94.7	2.6	0.6
1363	10/19/2016 19:16:04	14.84	47.12	30.67	7.89	7.83	13.0	2.016	94.1	2.2	0.5
1364	10/19/2016 19:31:04	14.94	46.86	30.48	7.85	7.81	13.8	1.870	93.8	2.1	0.5
1365	10/19/2016 19:46:04	15.05	46.65	30.33	7.86	7.81	13.9	1.708	93.9	2.6	0.6
1366	10/19/2016 20:01:04	15.11	46.49	30.21	7.87	7.80	13.6	1.551	94.2	2.5	0.6
1367	10/19/2016 20:16:04	15.17	46.32	30.09	7.88	7.80	14.2	1.422	94.3	2.8	0.7
1368	10/19/2016 20:31:04	15.19	46.25	30.04	7.88	7.79	13.3	1.303	94.3	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1369	10/19/2016 20:46:04	15.21	46.11	29.94	7.89	7.79	13.0	1.207	94.4	2.8	0.7
1370	10/19/2016 21:01:04	15.21	46.04	29.89	7.88	7.79	11.9	1.107	94.2	2.6	0.6
1371	10/19/2016 21:16:04	15.23	45.94	29.82	7.79	7.79	10.2	1.081	93.2	2.7	0.6
1372	10/19/2016 21:31:04	15.16	46.00	29.86	7.88	7.79	10.9	1.104	94.1	3.1	0.7
1373	10/19/2016 21:46:04	15.18	46.05	29.89	7.89	7.79	10.1	1.156	94.3	2.3	0.6
1374	10/19/2016 22:01:04	15.17	46.10	29.93	7.88	7.79	9.8	1.241	94.2	2.3	0.6
1375	10/19/2016 22:16:04	15.15	46.10	29.93	7.91	7.79	8.5	1.335	94.5	2.2	0.5
1376	10/19/2016 22:31:04	15.13	45.78	29.70	7.88	7.79	9.0	1.435	93.9	2.7	0.6
1377	10/19/2016 22:46:04	15.14	45.80	29.72	7.85	7.78	9.5	1.497	93.7	2.9	0.7
1378	10/19/2016 23:01:04	15.14	45.82	29.73	7.83	7.78	9.4	1.602	93.4	2.9	0.7
1379	10/19/2016 23:16:04	15.14	45.82	29.73	7.82	7.78	9.0	1.701	93.4	3.2	0.8
1380	10/19/2016 23:31:04	15.13	45.85	29.75	7.82	7.78	9.8	1.772	93.3	2.3	0.5
1381	10/19/2016 23:46:04	15.13	45.91	29.79	7.82	7.78	9.8	1.865	93.4	2.5	0.6
1382	10/20/2016 00:01:04	15.11	46.18	29.99	7.80	7.79	10.0	1.963	93.2	2.4	0.6
1383	10/20/2016 00:16:04	15.06	46.45	30.18	7.77	7.79	9.2	2.074	92.8	2.6	0.6
1384	10/20/2016 00:31:04	15.05	46.61	30.30	7.75	7.79	9.8	2.161	92.6	2.5	0.6
1385	10/20/2016 00:46:04	15.01	46.80	30.43	7.73	7.80	10.3	2.272	92.4	2.3	0.5
1386	10/20/2016 01:01:04	14.98	46.98	30.56	7.75	7.80	11.3	2.385	92.7	2.6	0.6
1387	10/20/2016 01:16:04	14.94	47.01	30.58	7.79	7.81	11.2	2.483	93.1	2.7	0.6
1388	10/20/2016 01:31:04	14.84	47.11	30.66	7.84	7.82	12.9	2.584	93.5	2.5	0.6
1389	10/20/2016 01:46:04	14.82	47.24	30.75	7.88	7.82	12.4	2.682	94.0	2.2	0.5
1390	10/20/2016 02:01:04	14.76	47.35	30.82	7.91	7.83	15.2	2.782	94.3	2.6	0.6
1391	10/20/2016 02:16:04	14.66	47.44	30.89	7.98	7.84	16.5	2.867	95.0	2.8	0.7
1392	10/20/2016 02:31:03	14.55	47.62	31.02	8.06	7.86	14.4	2.952	95.9	2.4	0.6
1393	10/20/2016 02:46:04	14.37	47.95	31.25	8.23	7.89	15.9	3.042	97.6	1.9	0.4
1394	10/20/2016 03:01:04	14.17	48.23	31.45	8.36	7.91	16.7	3.120	98.9	3.1	0.7
1395	10/20/2016 03:16:04	14.08	48.42	31.59	8.45	7.92	15.9	3.186	99.8	2.4	0.6
1396	10/20/2016 03:31:03	14.01	48.48	31.62	8.47	7.93	16.2	3.260	100.0	2.6	0.6
1397	10/20/2016 03:46:04	13.97	48.55	31.68	8.47	7.93	15.9	3.322	99.9	2.4	0.6
1398	10/20/2016 04:01:04	13.88	48.55	31.68	8.47	7.94	10.6	3.370	99.8	2.3	0.5
1399	10/20/2016 04:16:04	13.86	48.63	31.73	8.43	7.94	8.2	3.405	99.3	1.8	0.4
1400	10/20/2016 04:31:03	13.80	48.67	31.76	8.36	7.94	5.3	3.415	98.3	2.6	0.6
1401	10/20/2016 04:46:03	13.85	48.61	31.72	8.37	7.93	7.8	3.413	98.5	2.2	0.5
1402	10/20/2016 05:01:04	13.79	48.67	31.76	8.41	7.94	8.1	3.386	98.9	2.0	0.5
1403	10/20/2016 05:16:04	14.13	47.90	31.21	8.05	7.87	16.0	3.331	95.0	2.6	0.6
1404	10/20/2016 05:31:04	14.17	47.95	31.25	7.99	7.87	10.9	3.264	94.3	2.4	0.6
1405	10/20/2016 05:46:03	14.08	47.96	31.25	7.98	7.87	11.1	3.181	94.1	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1406	10/20/2016 06:01:03	13.96	48.33	31.51	8.17	7.90	9.4	3.104	96.2	1.9	0.4
1407	10/20/2016 06:16:03	14.16	47.92	31.23	8.05	7.88	10.0	3.019	95.1	2.4	0.6
1408	10/20/2016 06:31:04	14.21	47.72	31.09	7.91	7.85	11.9	2.919	93.5	2.2	0.5
1409	10/20/2016 06:46:04	14.26	47.49	30.91	7.68	7.82	9.3	2.849	90.6	2.4	0.6
1410	10/20/2016 07:01:04	14.28	47.33	30.80	7.56	7.80	8.9	2.759	89.3	2.0	0.5
1411	10/20/2016 07:16:04	14.34	47.21	30.72	7.50	7.79	8.6	2.661	88.6	1.9	0.4
1412	10/20/2016 07:31:03	14.29	47.29	30.77	7.48	7.79	8.6	2.602	88.3	2.2	0.5
1413	10/20/2016 07:46:03	14.34	47.07	30.61	7.43	7.78	8.6	2.518	87.8	1.9	0.4
1414	10/20/2016 08:01:03	14.36	46.99	30.56	7.46	7.78	8.9	2.445	88.1	1.9	0.4
1415	10/20/2016 08:16:03	14.36	46.92	30.51	7.43	7.77	8.1	2.379	87.7	2.0	0.5
1416	10/20/2016 08:31:03	14.33	46.75	30.38	7.43	7.77	7.9	2.323	87.5	2.4	0.6
1417	10/20/2016 08:46:03	14.28	46.58	30.26	7.42	7.76	9.8	2.269	87.3	2.3	0.5
1418	10/20/2016 09:01:03	14.29	46.45	30.17	7.41	7.76	8.1	2.225	87.1	2.0	0.5
1419	10/20/2016 09:16:03	14.31	46.40	30.13	7.35	7.75	7.5	2.211	86.5	1.8	0.4
1420	10/20/2016 09:31:03	14.28	46.36	30.10	7.29	7.75	6.9	2.201	85.7	2.1	0.5
1421	10/20/2016 09:46:03	14.30	46.54	30.23	7.40	7.76	7.4	2.207	87.1	2.6	0.6
1422	10/20/2016 10:01:03	14.33	46.59	30.27	7.39	7.76	7.5	2.239	87.0	1.6	0.4
1423	10/20/2016 10:16:03	14.40	46.65	30.31	7.41	7.76	7.6	2.280	87.4	2.3	0.5
1424	10/20/2016 10:31:03	14.40	46.65	30.31	7.43	7.76	8.1	2.337	87.6	2.0	0.5
1425	10/20/2016 10:46:03	14.44	46.51	30.22	7.47	7.77	9.0	2.414	88.1	2.2	0.5
1426	10/20/2016 11:01:03	14.45	46.53	30.23	7.46	7.77	8.7	2.485	88.1	2.2	0.5
1427	10/20/2016 11:16:03	14.44	46.82	30.44	7.51	7.78	8.8	2.568	88.8	2.0	0.5
1428	10/20/2016 11:31:03	14.40	47.09	30.63	7.58	7.79	9.0	2.648	89.5	1.8	0.4
1429	10/20/2016 11:46:03	14.34	47.35	30.82	7.67	7.81	9.2	2.732	90.6	2.1	0.5
1430	10/20/2016 12:01:03	14.38	47.55	30.97	7.81	7.83	8.5	2.799	92.5	1.9	0.4
1431	10/20/2016 12:16:04	14.41	47.64	31.03	7.92	7.85	8.3	2.877	93.9	2.1	0.5
1432	10/20/2016 12:31:03	14.41	47.73	31.09	7.96	7.85	8.9	2.961	94.4	2.4	0.6
1433	10/20/2016 12:46:03	14.37	47.87	31.20	8.01	7.86	9.2	3.032	95.0	2.1	0.5
1434	10/20/2016 13:01:03	14.27	48.03	31.31	8.08	7.88	10.5	3.114	95.7	1.8	0.4
1435	10/20/2016 13:16:03	14.18	48.21	31.44	8.13	7.89	11.0	3.203	96.2	2.2	0.5
1436	10/20/2016 13:31:03	14.12	48.28	31.49	8.16	7.89	11.2	3.287	96.5	2.5	0.6
1437	10/20/2016 13:46:03	14.02	48.46	31.61	8.25	7.91	13.1	3.367	97.4	2.2	0.5
1438	10/20/2016 14:01:03	13.90	48.65	31.75	8.33	7.93	11.1	3.445	98.1	2.0	0.5
1439	10/20/2016 14:16:03	13.83	48.75	31.82	8.39	7.93	10.4	3.532	98.7	1.8	0.4
1440	10/20/2016 14:31:03	13.75	48.86	31.90	8.43	7.94	9.8	3.595	99.1	2.4	0.6
1441	10/20/2016 14:46:03	13.70	48.95	31.96	8.46	7.95	8.0	3.658	99.5	2.2	0.5
1442	10/20/2016 15:01:03	13.66	49.02	32.01	8.47	7.95	7.1	3.725	99.5	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1443	10/20/2016 15:16:03	13.62	49.06	32.04	8.47	7.96	6.0	3.763	99.5	2.3	0.5
1444	10/20/2016 15:31:03	13.60	49.09	32.06	8.43	7.96	4.9	3.785	99.0	1.7	0.4
1445	10/20/2016 15:46:03	13.61	49.11	32.07	8.35	7.96	3.9	3.811	98.0	2.0	0.5
1446	10/20/2016 16:01:03	13.63	49.10	32.07	8.38	7.95	5.0	3.807	98.4	2.1	0.5
1447	10/20/2016 16:16:03	13.64	49.08	32.05	8.38	7.95	6.2	3.766	98.5	1.5	0.3
1448	10/20/2016 16:31:03	13.69	49.03	32.02	8.36	7.95	7.0	3.719	98.3	0.9	0.2
1449	10/20/2016 16:46:03	14.45	48.46	31.62	8.57	7.94	7.6	3.650	102.1	1.8	0.4
1450	10/20/2016 17:01:04	14.32	48.56	31.70	8.59	7.95	6.9	3.558	102.1	1.7	0.4
1451	10/20/2016 17:16:04	14.46	48.35	31.55	8.58	7.94	6.7	3.444	102.2	1.6	0.4
1452	10/20/2016 17:31:03	14.51	48.28	31.50	8.55	7.93	8.1	3.351	101.9	1.8	0.4
1453	10/20/2016 17:46:03	14.65	48.07	31.35	8.40	7.91	9.0	3.228	100.3	2.3	0.5
1454	10/20/2016 18:01:03	14.63	48.09	31.36	8.37	7.91	9.2	3.117	99.9	2.4	0.6
1455	10/20/2016 18:16:03	14.63	48.05	31.33	8.34	7.90	9.5	3.001	99.4	2.4	0.6
1456	10/20/2016 18:31:03	14.66	47.96	31.27	8.32	7.90	7.6	2.872	99.2	1.9	0.5
1457	10/20/2016 18:46:03	14.71	47.89	31.22	8.30	7.89	7.3	2.749	99.1	2.0	0.5
1458	10/20/2016 19:01:03	14.89	47.50	30.94	8.13	7.86	9.3	2.626	97.2	2.4	0.6
1459	10/20/2016 19:16:03	14.92	47.42	30.88	8.12	7.86	8.2	2.500	97.2	2.3	0.5
1460	10/20/2016 19:31:03	15.02	47.23	30.75	7.97	7.84	9.4	2.357	95.5	2.4	0.6
1461	10/20/2016 19:46:03	15.02	47.18	30.71	7.90	7.83	10.4	2.217	94.6	2.6	0.6
1462	10/20/2016 20:01:03	15.09	47.06	30.62	7.84	7.82	10.9	2.085	94.0	2.3	0.5
1463	10/20/2016 20:16:03	15.16	47.00	30.58	7.83	7.82	11.2	1.940	93.9	2.4	0.6
1464	10/20/2016 20:31:03	15.32	46.74	30.40	7.89	7.82	10.8	1.791	94.9	2.6	0.6
1465	10/20/2016 20:46:03	15.41	46.56	30.27	7.99	7.82	11.1	1.660	96.2	3.0	0.7
1466	10/20/2016 21:01:03	15.50	46.37	30.13	8.07	7.82	9.5	1.534	97.3	2.5	0.6
1467	10/20/2016 21:16:03	15.57	46.26	30.06	8.12	7.82	9.1	1.412	97.9	2.6	0.6
1468	10/20/2016 21:31:03	15.63	46.20	30.02	8.15	7.82	8.9	1.316	98.4	2.4	0.6
1469	10/20/2016 21:46:03	15.66	46.21	30.02	8.09	7.82	8.8	1.264	97.8	2.4	0.6
1470	10/20/2016 22:01:03	15.68	46.20	30.01	8.05	7.82	8.7	1.206	97.3	2.1	0.5
1471	10/20/2016 22:16:03	15.68	46.17	29.99	7.96	7.81	7.0	1.197	96.1	2.2	0.5
1472	10/20/2016 22:31:03	15.62	46.28	30.07	8.05	7.81	7.8	1.224	97.3	2.5	0.6
1473	10/20/2016 22:46:03	15.58	46.31	30.09	8.02	7.81	7.6	1.260	96.8	2.2	0.5
1474	10/20/2016 23:01:03	15.56	46.33	30.11	8.04	7.81	7.5	1.338	96.9	3.0	0.7
1475	10/20/2016 23:16:03	15.54	46.34	30.11	8.04	7.82	6.8	1.417	96.9	2.5	0.6
1476	10/20/2016 23:31:03	15.51	46.10	29.94	7.96	7.80	7.3	1.487	95.9	2.5	0.6
1477	10/20/2016 23:46:03	15.51	46.15	29.98	7.96	7.80	7.2	1.576	95.8	3.0	0.7
1478	10/21/2016 00:01:03	15.51	46.06	29.91	7.92	7.80	7.3	1.651	95.3	2.1	0.5
1479	10/21/2016 00:16:03	15.50	46.06	29.91	7.89	7.80	7.3	1.731	94.9	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1480	10/21/2016 00:31:03	15.49	46.10	29.94	7.88	7.80	7.5	1.806	94.8	2.7	0.6
1481	10/21/2016 00:46:03	15.42	46.30	30.08	7.86	7.80	8.0	1.897	94.5	2.7	0.6
1482	10/21/2016 01:01:03	15.36	46.46	30.20	7.82	7.80	7.9	1.984	94.0	2.4	0.6
1483	10/21/2016 01:16:03	15.31	46.59	30.29	7.80	7.80	7.3	2.079	93.7	2.4	0.6
1484	10/21/2016 01:31:03	15.26	46.75	30.40	7.78	7.81	7.9	2.175	93.5	2.2	0.5
1485	10/21/2016 01:46:03	15.22	46.96	30.56	7.75	7.81	7.9	2.270	93.1	2.2	0.5
1486	10/21/2016 02:01:03	15.20	47.06	30.63	7.77	7.81	8.5	2.376	93.4	2.7	0.6
1487	10/21/2016 02:16:03	15.14	47.13	30.68	7.81	7.82	9.0	2.466	93.7	2.7	0.6
1488	10/21/2016 02:31:03	15.07	47.24	30.75	7.85	7.83	9.4	2.558	94.1	2.7	0.6
1489	10/21/2016 02:46:03	14.98	47.29	30.79	7.89	7.83	9.8	2.649	94.5	2.3	0.5
1490	10/21/2016 03:01:03	14.94	47.42	30.88	7.91	7.84	10.3	2.727	94.7	2.6	0.6
1491	10/21/2016 03:16:03	14.87	47.47	30.92	7.96	7.85	12.2	2.814	95.2	3.0	0.7
1492	10/21/2016 03:31:03	14.76	47.66	31.06	8.00	7.86	11.7	2.890	95.5	2.2	0.5
1493	10/21/2016 03:46:03	14.67	47.75	31.12	8.02	7.87	9.6	2.968	95.7	3.3	0.8
1494	10/21/2016 04:01:03	14.46	48.03	31.31	8.07	7.88	11.3	3.044	96.0	2.0	0.5
1495	10/21/2016 04:16:03	14.27	48.28	31.49	8.13	7.90	10.6	3.118	96.3	2.4	0.6
1496	10/21/2016 04:31:03	14.15	48.53	31.67	8.19	7.91	9.5	3.184	96.9	2.7	0.6
1497	10/21/2016 04:46:03	14.10	48.61	31.72	8.21	7.91	10.1	3.239	97.1	2.4	0.6
1498	10/21/2016 05:01:03	14.05	48.69	31.78	8.21	7.92	7.6	3.296	97.0	2.6	0.6
1499	10/21/2016 05:16:03	14.04	48.73	31.81	8.20	7.92	6.7	3.324	96.9	2.2	0.5
1500	10/21/2016 05:31:03	14.02	48.72	31.80	8.11	7.92	4.3	3.339	95.8	2.2	0.5
1501	10/21/2016 05:46:03	14.04	48.70	31.79	8.07	7.91	5.7	3.339	95.4	2.2	0.5
1502	10/21/2016 06:01:03	14.00	48.73	31.81	8.14	7.92	6.3	3.313	96.2	1.7	0.4
1503	10/21/2016 06:16:03	14.05	48.65	31.75	8.12	7.91	6.4	3.280	96.0	1.9	0.4
1504	10/21/2016 06:31:03	14.31	48.30	31.50	7.95	7.89	8.9	3.223	94.4	2.3	0.5
1505	10/21/2016 06:46:02	14.59	47.87	31.20	7.67	7.84	8.6	3.145	91.4	2.7	0.6
1506	10/21/2016 07:01:02	14.39	48.11	31.37	7.85	7.87	7.4	3.072	93.2	2.3	0.5
1507	10/21/2016 07:16:02	14.44	48.07	31.34	7.79	7.86	6.6	2.995	92.6	2.1	0.5
1508	10/21/2016 07:31:02	14.56	47.88	31.21	7.66	7.84	6.6	2.919	91.1	2.3	0.5
1509	10/21/2016 07:46:03	14.70	47.67	31.06	7.49	7.82	6.4	2.842	89.3	1.9	0.4
1510	10/21/2016 08:01:02	14.80	47.56	30.98	7.49	7.81	6.9	2.775	89.5	1.5	0.3
1511	10/21/2016 08:16:02	14.87	47.46	30.91	7.39	7.80	7.0	2.704	88.4	2.0	0.5
1512	10/21/2016 08:31:02	14.83	47.50	30.94	7.34	7.79	6.3	2.644	87.8	2.0	0.5
1513	10/21/2016 08:46:03	14.86	47.45	30.90	7.34	7.79	6.4	2.588	87.8	1.7	0.4
1514	10/21/2016 09:01:02	14.89	47.38	30.85	7.32	7.79	6.2	2.522	87.5	2.5	0.6
1515	10/21/2016 09:16:03	14.95	47.31	30.81	7.32	7.78	6.2	2.466	87.6	1.7	0.4
1516	10/21/2016 09:31:03	15.04	47.15	30.69	7.40	7.79	6.2	2.426	88.6	2.0	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1517	10/21/2016 09:46:03	15.11	46.96	30.55	7.41	7.79	6.5	2.380	88.8	2.0	0.5
1518	10/21/2016 10:01:02	15.15	46.96	30.56	7.40	7.78	6.2	2.333	88.8	2.2	0.5
1519	10/21/2016 10:16:02	15.18	46.94	30.54	7.41	7.79	6.4	2.327	89.0	2.3	0.5
1520	10/21/2016 10:31:02	15.23	46.86	30.48	7.38	7.78	6.2	2.306	88.6	2.3	0.5
1521	10/21/2016 10:46:02	15.23	46.86	30.48	7.35	7.78	5.9	2.314	88.2	2.0	0.5
1522	10/21/2016 11:01:03	15.13	47.01	30.59	7.34	7.78	5.7	2.319	88.1	1.8	0.4
1523	10/21/2016 11:16:03	15.11	47.03	30.60	7.34	7.78	5.7	2.342	88.0	1.6	0.4
1524	10/21/2016 11:31:02	15.10	47.04	30.61	7.36	7.78	6.5	2.402	88.2	2.1	0.5
1525	10/21/2016 11:46:02	15.08	47.09	30.65	7.37	7.78	6.4	2.453	88.4	2.3	0.5
1526	10/21/2016 12:01:02	15.13	46.98	30.57	7.40	7.78	6.6	2.510	88.7	2.2	0.5
1527	10/21/2016 12:16:02	15.08	47.06	30.62	7.44	7.79	6.7	2.572	89.2	2.1	0.5
1528	10/21/2016 12:31:02	15.00	47.18	30.71	7.47	7.80	7.5	2.648	89.4	1.7	0.4
1529	10/21/2016 12:46:02	14.85	47.45	30.90	7.56	7.81	7.5	2.716	90.3	2.0	0.5
1530	10/21/2016 13:01:02	14.73	47.63	31.03	7.60	7.83	7.2	2.778	90.6	1.6	0.4
1531	10/21/2016 13:16:02	14.69	47.76	31.12	7.71	7.84	7.1	2.858	92.0	1.9	0.4
1532	10/21/2016 13:31:03	14.57	47.95	31.26	7.80	7.86	7.1	2.925	92.9	2.1	0.5
1533	10/21/2016 13:46:03	14.51	48.02	31.30	7.81	7.86	7.3	2.995	93.0	1.7	0.4
1534	10/21/2016 14:01:02	14.46	48.06	31.33	7.85	7.87	7.5	3.067	93.3	2.1	0.5
1535	10/21/2016 14:16:02	14.38	48.21	31.44	7.92	7.88	6.9	3.139	94.1	1.6	0.4
1536	10/21/2016 14:31:02	14.21	48.38	31.56	7.98	7.89	7.8	3.213	94.5	2.2	0.5
1537	10/21/2016 14:46:02	14.14	48.47	31.63	8.00	7.89	7.5	3.282	94.7	2.0	0.5
1538	10/21/2016 15:01:02	13.95	48.65	31.75	8.05	7.91	7.9	3.358	95.0	2.3	0.5
1539	10/21/2016 15:16:02	13.86	48.73	31.81	8.06	7.91	7.6	3.420	94.9	2.0	0.5
1540	10/21/2016 15:31:02	13.81	48.79	31.85	8.06	7.91	6.8	3.469	94.8	2.3	0.5
1541	10/21/2016 15:46:02	13.76	48.83	31.88	8.06	7.91	6.2	3.525	94.7	2.5	0.6
1542	10/21/2016 16:01:02	13.70	48.92	31.94	8.04	7.92	5.8	3.574	94.5	2.2	0.5
	Mean	15.06	49.69	32.54	7.59	7.85	8.91	2.66	91.90	2.40	0.57
	Minimum	12.90	45.20	29.29	6.26	7.74	2.50	1.07	76.20	0.80	0.20
	Maximum	17.25	51.04	33.56	9.01	8.00	43.90	4.11	112.90	8.30	1.90

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

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
3	10/21/2016 17:21:04	13.77	49.15	32.11	7.58	8.02	5.1	3.575	89.3	2.0	0.5
4	10/21/2016 17:36:04	14.02	48.95	31.97	7.56	8.01	6.3	3.518	89.5	2.3	0.6
5	10/21/2016 17:51:04	14.19	48.82	31.88	7.58	8.01	6.5	3.459	89.9	2.1	0.5
6	10/21/2016 18:06:04	14.08	48.89	31.93	7.57	8.01	5.9	3.370	89.6	2.0	0.5
7	10/21/2016 18:21:05	14.39	48.53	31.68	7.55	7.99	7.3	3.265	89.8	2.2	0.5
8	10/21/2016 18:36:05	14.56	48.32	31.53	7.49	7.98	8.0	3.175	89.3	2.4	0.6
9	10/21/2016 18:51:05	14.63	48.24	31.47	7.44	7.97	7.2	3.075	88.8	2.4	0.6
10	10/21/2016 19:06:05	14.64	48.20	31.44	7.36	7.97	7.4	2.988	87.9	2.8	0.7
11	10/21/2016 19:21:05	14.72	48.06	31.34	7.29	7.96	6.9	2.875	87.1	2.6	0.6
12	10/21/2016 19:36:05	14.82	47.92	31.24	7.26	7.94	8.7	2.767	86.9	2.4	0.6
13	10/21/2016 19:51:05	14.93	47.72	31.10	7.20	7.93	8.3	2.673	86.3	2.9	0.7
14	10/21/2016 20:06:05	14.98	47.60	31.02	7.15	7.92	8.3	2.553	85.7	3.1	0.7
15	10/21/2016 20:21:05	14.91	47.68	31.07	7.07	7.92	8.4	2.440	84.7	2.1	0.5
16	10/21/2016 20:36:05	14.97	47.54	30.97	6.99	7.91	9.0	2.309	83.8	2.5	0.6
17	10/21/2016 20:51:05	14.97	47.48	30.93	6.94	7.90	10.0	2.186	83.1	2.3	0.6
18	10/21/2016 21:06:05	15.03	47.35	30.83	6.89	7.89	10.9	2.078	82.6	2.2	0.5
19	10/21/2016 21:21:05	15.15	47.16	30.70	6.89	7.89	9.7	1.952	82.7	2.8	0.7
20	10/21/2016 21:36:05	15.13	47.13	30.68	6.83	7.88	10.1	1.827	82.0	2.5	0.6
21	10/21/2016 21:51:05	15.21	46.99	30.58	6.85	7.87	9.4	1.727	82.3	2.4	0.6
22	10/21/2016 22:06:05	15.32	46.76	30.41	6.89	7.87	8.8	1.624	82.9	2.4	0.6
23	10/21/2016 22:21:05	15.39	46.62	30.31	6.92	7.87	8.6	1.538	83.3	2.3	0.5
24	10/21/2016 22:36:05	15.44	46.53	30.25	6.94	7.87	7.6	1.458	83.6	2.8	0.7
25	10/21/2016 22:51:05	15.50	46.47	30.21	6.97	7.87	7.2	1.430	84.0	2.2	0.5
26	10/21/2016 23:06:05	15.49	46.48	30.22	6.85	7.86	6.5	1.390	82.5	2.8	0.7
27	10/21/2016 23:21:05	15.48	46.46	30.20	6.83	7.86	7.7	1.388	82.3	3.2	0.8
28	10/21/2016 23:36:05	15.43	46.49	30.22	6.89	7.86	7.8	1.400	82.9	3.7	0.9
29	10/21/2016 23:51:05	15.43	46.57	30.28	6.92	7.86	7.0	1.424	83.3	2.6	0.6
30	10/22/2016 00:06:05	15.44	46.62	30.31	6.92	7.86	7.0	1.469	83.4	2.7	0.6
31	10/22/2016 00:21:05	15.43	46.64	30.33	6.93	7.87	6.8	1.526	83.5	2.8	0.7
32	10/22/2016 00:36:05	15.43	46.66	30.34	6.95	7.87	6.2	1.602	83.7	2.2	0.5
33	10/22/2016 00:51:05	15.42	46.53	30.25	6.86	7.87	7.0	1.656	82.6	2.4	0.6
34	10/22/2016 01:06:05	15.41	46.55	30.26	6.85	7.86	6.7	1.721	82.5	2.7	0.6
35	10/22/2016 01:21:05	15.40	46.48	30.22	6.87	7.86	7.1	1.835	82.7	2.8	0.7
36	10/22/2016 01:36:05	15.38	46.48	30.21	6.83	7.86	7.9	1.900	82.2	2.8	0.7
37	10/22/2016 01:51:05	15.37	46.56	30.27	6.81	7.86	7.2	1.976	81.9	2.7	0.7
38	10/22/2016 02:06:05	15.32	46.70	30.37	6.83	7.87	7.5	2.075	82.1	2.6	0.6
39	10/22/2016 02:21:05	15.24	46.88	30.50	6.80	7.87	7.0	2.153	81.7	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
40	10/22/2016 02:36:05	15.16	47.10	30.66	6.78	7.88	7.4	2.232	81.5	2.5	0.6
41	10/22/2016 02:51:05	15.09	47.38	30.85	6.84	7.89	8.1	2.339	82.2	2.3	0.5
42	10/22/2016 03:06:05	15.04	47.46	30.92	6.87	7.90	7.5	2.429	82.4	3.2	0.8
43	10/22/2016 03:21:05	15.02	47.52	30.96	6.87	7.90	7.5	2.528	82.4	2.8	0.7
44	10/22/2016 03:36:05	14.96	47.60	31.02	6.90	7.91	8.0	2.591	82.8	2.5	0.6
45	10/22/2016 03:51:05	14.88	47.72	31.10	6.92	7.91	8.8	2.675	82.9	2.5	0.6
46	10/22/2016 04:06:05	14.80	47.82	31.17	6.96	7.93	8.6	2.751	83.2	2.7	0.6
47	10/22/2016 04:21:05	14.70	47.92	31.24	6.94	7.93	10.0	2.823	82.8	2.5	0.6
48	10/22/2016 04:36:05	14.55	48.04	31.32	6.96	7.95	11.0	2.900	82.9	2.3	0.5
49	10/22/2016 04:51:05	14.42	48.15	31.40	6.96	7.96	10.4	2.970	82.8	2.5	0.6
50	10/22/2016 05:06:05	14.33	48.27	31.48	7.02	7.97	10.6	3.031	83.3	2.7	0.6
51	10/22/2016 05:21:05	14.09	48.54	31.68	7.14	7.99	9.5	3.113	84.5	1.9	0.5
52	10/22/2016 05:36:05	13.91	48.75	31.82	7.30	8.02	10.4	3.165	86.0	2.4	0.6
53	10/22/2016 05:51:05	13.82	48.85	31.89	7.42	8.02	9.1	3.246	87.4	2.7	0.6
54	10/22/2016 06:06:05	13.74	48.94	31.95	7.41	8.02	8.8	3.272	87.1	2.7	0.6
55	10/22/2016 06:21:05	13.65	49.01	32.00	7.45	8.04	7.0	3.313	87.5	1.9	0.4
56	10/22/2016 06:36:05	13.59	49.10	32.06	7.43	8.05	6.7	3.333	87.1	2.4	0.6
57	10/22/2016 06:51:05	13.60	49.08	32.05	7.34	8.04	4.8	3.341	86.2	2.1	0.5
58	10/22/2016 07:06:05	13.58	49.10	32.06	7.39	8.04	6.8	3.322	86.7	1.8	0.4
59	10/22/2016 07:21:05	13.64	49.06	32.04	7.41	8.04	8.6	3.290	87.0	2.7	0.6
60	10/22/2016 07:36:05	14.10	48.31	31.51	6.91	7.97	7.6	3.250	81.6	2.1	0.5
61	10/22/2016 07:51:05	14.16	48.30	31.50	6.84	7.96	7.6	3.172	80.9	2.5	0.6
62	10/22/2016 08:06:05	14.14	48.22	31.44	6.78	7.95	8.4	3.110	80.2	2.0	0.5
63	10/22/2016 08:21:05	14.03	48.42	31.58	6.97	7.97	6.4	3.050	82.2	2.0	0.5
64	10/22/2016 08:36:05	14.03	48.35	31.53	6.95	7.97	6.0	2.969	82.0	2.2	0.5
65	10/22/2016 08:51:05	14.28	48.12	31.37	6.77	7.95	6.5	2.908	80.2	1.8	0.4
66	10/22/2016 09:06:05	14.39	48.05	31.33	6.72	7.94	6.9	2.851	79.7	2.1	0.5
67	10/22/2016 09:21:05	14.43	47.91	31.23	6.61	7.92	6.3	2.791	78.5	1.9	0.5
68	10/22/2016 09:36:05	14.42	47.84	31.17	6.59	7.91	5.8	2.729	78.3	2.4	0.6
69	10/22/2016 09:51:05	14.48	47.79	31.14	6.65	7.91	6.0	2.665	79.0	2.0	0.5
70	10/22/2016 10:06:05	14.47	47.79	31.14	6.68	7.92	5.7	2.602	79.4	1.9	0.5
71	10/22/2016 10:21:05	14.52	47.74	31.10	6.71	7.91	5.6	2.574	79.7	1.8	0.4
72	10/22/2016 10:36:05	14.56	47.63	31.03	6.69	7.91	5.3	2.513	79.6	1.7	0.4
73	10/22/2016 10:51:05	14.60	47.55	30.97	6.66	7.90	5.6	2.479	79.2	2.4	0.6
74	10/22/2016 11:06:05	14.62	47.43	30.88	6.71	7.90	5.4	2.436	79.8	1.9	0.5
75	10/22/2016 11:21:05	14.66	47.43	30.88	6.83	7.91	5.3	2.412	81.3	1.8	0.4
76	10/22/2016 11:36:05	14.70	47.37	30.84	6.82	7.90	5.4	2.388	81.3	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
77	10/22/2016 11:51:05	14.75	47.31	30.80	6.74	7.90	5.3	2.365	80.3	2.5	0.6
78	10/22/2016 12:06:05	14.71	47.36	30.83	6.78	7.90	5.8	2.421	80.7	2.2	0.5
79	10/22/2016 12:21:05	14.66	47.46	30.91	6.69	7.90	5.6	2.413	79.7	1.5	0.4
80	10/22/2016 12:36:05	14.67	47.48	30.92	6.60	7.89	5.9	2.423	78.6	1.8	0.4
81	10/22/2016 12:51:05	14.65	47.52	30.95	6.60	7.89	5.8	2.458	78.6	2.1	0.5
82	10/22/2016 13:06:05	14.67	47.53	30.96	6.63	7.90	6.1	2.515	79.0	2.0	0.5
83	10/22/2016 13:21:05	14.65	47.66	31.05	6.68	7.90	6.0	2.559	79.6	1.8	0.4
84	10/22/2016 13:36:05	14.69	47.62	31.02	6.70	7.90	5.6	2.618	79.9	2.3	0.5
85	10/22/2016 13:51:05	14.63	47.74	31.11	6.74	7.91	6.1	2.683	80.2	1.8	0.4
86	10/22/2016 14:06:05	14.57	47.87	31.20	6.75	7.92	5.9	2.737	80.3	2.2	0.5
87	10/22/2016 14:21:05	14.45	48.03	31.32	6.75	7.93	6.7	2.774	80.2	1.7	0.4
88	10/22/2016 14:36:05	14.32	48.22	31.44	6.87	7.94	6.1	2.862	81.4	2.2	0.5
89	10/22/2016 14:51:05	14.31	48.30	31.51	6.93	7.96	6.7	2.909	82.2	1.7	0.4
90	10/22/2016 15:06:05	14.22	48.52	31.66	7.08	7.97	5.9	2.957	83.9	2.2	0.5
91	10/22/2016 15:21:05	14.17	48.57	31.70	7.09	7.98	5.7	3.025	84.0	2.5	0.6
92	10/22/2016 15:36:05	14.11	48.62	31.73	7.14	7.99	5.8	3.093	84.4	2.6	0.6
93	10/22/2016 15:51:05	14.00	48.77	31.84	7.17	8.00	5.7	3.178	84.7	2.5	0.6
94	10/22/2016 16:06:05	13.90	48.90	31.93	7.22	8.01	6.0	3.214	85.2	2.0	0.5
95	10/22/2016 16:21:05	13.88	48.95	31.96	7.29	8.02	6.8	3.285	86.0	2.0	0.5
96	10/22/2016 16:36:05	13.85	49.05	32.04	7.38	8.02	6.4	3.333	87.0	2.8	0.7
97	10/22/2016 16:51:05	13.75	49.18	32.13	7.40	8.03	5.8	3.364	87.1	2.7	0.6
98	10/22/2016 17:06:05	13.67	49.24	32.17	7.41	8.04	5.9	3.401	87.1	2.0	0.5
99	10/22/2016 17:21:05	13.60	49.30	32.21	7.45	8.04	5.1	3.442	87.5	2.1	0.5
100	10/22/2016 17:36:05	13.57	49.34	32.24	7.41	8.04	5.3	3.452	87.0	1.6	0.4
101	10/22/2016 17:51:05	13.58	49.34	32.24	7.32	8.04	3.5	3.465	85.9	2.1	0.5
102	10/22/2016 18:06:05	13.58	49.34	32.24	7.29	8.03	5.3	3.446	85.7	2.3	0.5
103	10/22/2016 18:21:05	13.59	49.33	32.23	7.30	8.03	4.8	3.434	85.8	2.5	0.6
104	10/22/2016 18:36:05	13.67	49.27	32.19	7.32	8.03	4.1	3.404	86.1	1.7	0.4
105	10/22/2016 18:51:05	14.07	48.89	31.93	7.27	8.01	4.8	3.349	86.1	2.5	0.6
106	10/22/2016 19:06:05	14.55	48.37	31.56	7.25	7.99	5.6	3.280	86.5	2.5	0.6
107	10/22/2016 19:21:05	14.21	48.59	31.71	7.29	8.01	5.3	3.212	86.4	2.5	0.6
108	10/22/2016 19:36:05	14.18	48.64	31.75	7.24	8.00	5.5	3.131	85.8	2.0	0.5
109	10/22/2016 19:51:05	14.31	48.47	31.63	7.22	7.98	5.5	3.044	85.7	2.7	0.6
110	10/22/2016 20:06:05	14.44	48.29	31.50	7.14	7.97	5.8	2.948	84.9	2.4	0.6
111	10/22/2016 20:21:05	14.48	48.25	31.47	7.13	7.97	5.7	2.868	84.9	1.9	0.5
112	10/22/2016 20:36:05	14.50	48.18	31.42	7.02	7.96	5.7	2.772	83.6	2.3	0.6
113	10/22/2016 20:51:05	14.53	48.16	31.41	7.11	7.96	5.8	2.669	84.6	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
114	10/22/2016 21:06:05	14.62	48.05	31.33	7.12	7.96	6.5	2.572	84.9	2.5	0.6
115	10/22/2016 21:21:05	14.66	48.01	31.30	7.13	7.96	7.0	2.480	85.0	2.2	0.5
116	10/22/2016 21:36:05	14.72	47.88	31.21	7.11	7.94	7.4	2.375	84.9	2.5	0.6
117	10/22/2016 21:51:05	14.75	47.73	31.10	7.02	7.93	8.4	2.275	83.8	2.1	0.5
118	10/22/2016 22:06:05	14.71	47.66	31.06	6.97	7.92	9.0	2.180	83.2	2.2	0.5
119	10/22/2016 22:21:05	14.79	47.50	30.94	6.99	7.92	8.9	2.079	83.5	2.6	0.6
120	10/22/2016 22:36:05	14.81	47.38	30.85	7.09	7.92	8.3	1.972	84.6	2.6	0.6
121	10/22/2016 22:51:05	14.82	47.29	30.79	7.16	7.93	8.0	1.879	85.4	2.6	0.6
122	10/22/2016 23:06:05	14.77	47.28	30.78	7.14	7.92	7.4	1.782	85.1	2.2	0.5
123	10/22/2016 23:21:05	14.79	47.19	30.71	7.23	7.93	7.2	1.699	86.2	3.0	0.7
124	10/22/2016 23:36:05	14.81	47.13	30.67	7.25	7.93	6.2	1.628	86.4	2.4	0.6
125	10/22/2016 23:51:05	14.84	47.06	30.62	7.25	7.94	6.1	1.581	86.5	2.4	0.6
126	10/23/2016 00:06:05	14.88	47.02	30.59	7.26	7.93	6.1	1.545	86.6	2.1	0.5
127	10/23/2016 00:21:05	14.91	46.98	30.56	7.29	7.93	5.8	1.509	87.0	2.8	0.7
128	10/23/2016 00:36:05	14.91	46.97	30.56	7.31	7.93	6.2	1.521	87.3	2.4	0.6
129	10/23/2016 00:51:05	14.85	47.01	30.58	7.30	7.93	6.5	1.538	87.0	2.6	0.6
130	10/23/2016 01:06:05	14.85	47.07	30.63	7.28	7.93	6.3	1.562	86.8	2.2	0.5
131	10/23/2016 01:21:05	14.90	47.13	30.67	7.25	7.92	6.1	1.626	86.5	2.2	0.5
132	10/23/2016 01:36:05	14.90	47.17	30.70	7.17	7.92	5.7	1.674	85.7	2.8	0.7
133	10/23/2016 01:51:05	14.87	46.99	30.57	7.11	7.91	6.5	1.739	84.8	2.3	0.5
134	10/23/2016 02:06:05	14.90	47.02	30.59	7.07	7.91	6.0	1.800	84.4	2.3	0.6
135	10/23/2016 02:21:05	14.90	46.94	30.54	7.06	7.90	6.6	1.889	84.3	2.7	0.6
136	10/23/2016 02:36:05	14.90	46.94	30.53	7.00	7.90	6.4	1.970	83.6	2.8	0.7
137	10/23/2016 02:51:05	14.90	46.97	30.56	7.02	7.90	6.5	2.035	83.8	2.3	0.5
138	10/23/2016 03:06:06	14.88	47.15	30.69	7.00	7.90	6.5	2.114	83.5	2.4	0.6
139	10/23/2016 03:21:05	14.85	47.21	30.73	6.94	7.90	6.1	2.192	82.8	2.4	0.6
140	10/23/2016 03:36:05	14.76	47.48	30.92	6.89	7.90	5.7	2.268	82.2	2.4	0.6
141	10/23/2016 03:51:05	14.70	47.61	31.02	6.87	7.91	5.8	2.352	81.8	2.1	0.5
142	10/23/2016 04:06:05	14.65	47.81	31.16	6.83	7.91	6.1	2.427	81.5	2.2	0.5
143	10/23/2016 04:21:05	14.62	47.90	31.22	6.82	7.91	5.9	2.506	81.3	2.9	0.7
144	10/23/2016 04:36:05	14.59	47.98	31.28	6.84	7.91	6.4	2.586	81.5	2.5	0.6
145	10/23/2016 04:51:05	14.51	48.09	31.36	6.87	7.92	7.2	2.670	81.7	2.7	0.6
146	10/23/2016 05:06:05	14.43	48.19	31.43	6.90	7.93	7.8	2.740	82.0	2.4	0.6
147	10/23/2016 05:21:05	14.36	48.27	31.49	6.92	7.94	8.0	2.821	82.2	2.0	0.5
148	10/23/2016 05:36:05	14.19	48.40	31.57	6.99	7.95	10.2	2.907	82.7	2.8	0.7
149	10/23/2016 05:51:05	14.07	48.50	31.64	7.01	7.96	10.1	2.967	82.9	2.5	0.6
150	10/23/2016 06:06:05	13.95	48.64	31.74	7.02	7.97	9.7	3.048	82.8	2.6	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
151	10/23/2016 06:21:06	13.80	48.79	31.85	7.08	7.98	8.2	3.120	83.3	2.2	0.5
152	10/23/2016 06:36:05	13.56	49.05	32.03	7.23	8.00	9.2	3.190	84.8	2.1	0.5
153	10/23/2016 06:51:05	13.34	49.27	32.18	7.33	8.01	9.1	3.248	85.7	2.5	0.6
154	10/23/2016 07:06:05	13.22	49.40	32.27	7.41	8.03	7.9	3.294	86.4	2.4	0.6
155	10/23/2016 07:21:04	13.19	49.44	32.30	7.39	8.03	8.1	3.332	86.1	2.3	0.6
156	10/23/2016 07:36:05	13.16	49.51	32.35	7.43	8.04	6.5	3.365	86.5	2.3	0.5
157	10/23/2016 07:51:05	13.16	49.51	32.35	7.37	8.04	4.3	3.370	85.8	2.3	0.6
158	10/23/2016 08:06:05	13.16	49.51	32.35	7.33	8.03	6.1	3.355	85.4	2.4	0.6
159	10/23/2016 08:21:05	13.15	49.52	32.35	7.34	8.03	5.8	3.337	85.5	1.5	0.4
160	10/23/2016 08:36:05	13.32	49.29	32.19	7.29	8.01	5.9	3.297	85.1	1.9	0.5
161	10/23/2016 08:51:05	13.54	48.99	31.99	7.11	7.99	6.4	3.246	83.3	2.4	0.6
162	10/23/2016 09:06:05	13.79	48.57	31.69	6.85	7.95	7.6	3.168	80.6	2.1	0.5
163	10/23/2016 09:21:05	13.59	48.87	31.90	7.09	7.98	6.5	3.111	83.1	2.0	0.5
164	10/23/2016 09:36:05	13.64	48.88	31.91	7.14	7.98	5.2	3.052	83.7	2.3	0.6
165	10/23/2016 09:51:06	13.71	48.75	31.82	7.09	7.96	5.0	2.972	83.3	2.1	0.5
166	10/23/2016 10:06:05	13.80	48.56	31.68	7.02	7.95	5.0	2.912	82.5	1.7	0.4
167	10/23/2016 10:21:05	13.88	48.41	31.57	6.96	7.94	4.8	2.840	81.9	1.9	0.4
168	10/23/2016 10:36:05	13.95	48.26	31.47	7.00	7.93	4.8	2.791	82.4	2.0	0.5
169	10/23/2016 10:51:05	14.04	48.16	31.40	7.01	7.92	4.6	2.725	82.6	1.8	0.4
170	10/23/2016 11:06:05	14.19	48.11	31.36	7.03	7.92	5.7	2.664	83.1	2.1	0.5
171	10/23/2016 11:21:05	14.24	48.08	31.34	7.09	7.92	4.5	2.614	83.9	1.8	0.4
172	10/23/2016 11:36:06	14.27	48.03	31.31	7.14	7.92	4.7	2.561	84.5	2.1	0.5
173	10/23/2016 11:51:05	14.36	47.88	31.20	7.03	7.91	4.8	2.524	83.3	2.0	0.5
174	10/23/2016 12:06:05	14.45	47.83	31.17	7.21	7.92	4.6	2.462	85.6	2.1	0.5
175	10/23/2016 12:21:05	14.51	47.77	31.13	7.23	7.92	4.7	2.445	85.9	1.6	0.4
176	10/23/2016 12:36:05	14.56	47.70	31.08	7.21	7.91	4.5	2.408	85.7	2.0	0.5
177	10/23/2016 12:51:05	14.60	47.69	31.07	7.25	7.91	4.2	2.394	86.3	2.0	0.5
178	10/23/2016 13:06:05	14.62	47.68	31.06	7.18	7.91	4.5	2.399	85.5	2.0	0.5
179	10/23/2016 13:21:05	14.56	47.71	31.09	7.06	7.90	4.6	2.375	83.9	1.8	0.4
180	10/23/2016 13:36:05	14.48	47.78	31.13	6.91	7.89	4.6	2.398	82.0	1.7	0.4
181	10/23/2016 13:51:05	14.46	47.79	31.14	7.04	7.89	4.8	2.413	83.6	1.7	0.4
182	10/23/2016 14:06:05	14.50	47.75	31.11	7.11	7.89	4.8	2.434	84.4	2.5	0.6
183	10/23/2016 14:21:05	14.45	47.81	31.15	7.01	7.88	5.0	2.472	83.2	2.1	0.5
184	10/23/2016 14:36:06	14.38	47.90	31.22	6.97	7.89	4.8	2.516	82.7	1.9	0.5
185	10/23/2016 14:51:05	14.42	47.77	31.12	6.98	7.88	5.3	2.567	82.8	2.1	0.5
186	10/23/2016 15:06:06	14.39	47.95	31.26	7.01	7.89	5.3	2.627	83.2	2.0	0.5
187	10/23/2016 15:21:05	14.33	48.05	31.32	6.99	7.89	4.8	2.680	82.8	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
188	10/23/2016 15:36:06	14.23	48.19	31.43	6.97	7.90	5.1	2.730	82.5	1.7	0.4
189	10/23/2016 15:51:05	14.08	48.42	31.59	7.02	7.91	5.3	2.796	83.0	1.9	0.4
190	10/23/2016 16:06:06	14.00	48.55	31.68	7.06	7.92	5.4	2.857	83.3	2.0	0.5
191	10/23/2016 16:21:06	13.95	48.64	31.74	7.08	7.92	5.3	2.907	83.6	2.2	0.5
192	10/23/2016 16:36:05	13.89	48.76	31.83	7.13	7.93	4.9	2.975	84.1	2.3	0.5
193	10/23/2016 16:51:06	13.82	48.84	31.89	7.17	7.94	5.1	3.034	84.4	2.2	0.5
194	10/23/2016 17:06:05	13.74	48.93	31.95	7.19	7.95	5.1	3.086	84.6	1.9	0.4
195	10/23/2016 17:21:06	13.67	49.03	32.02	7.27	7.95	5.6	3.150	85.4	2.4	0.6
196	10/23/2016 17:36:05	13.59	49.13	32.09	7.31	7.96	5.7	3.200	85.8	1.8	0.4
197	10/23/2016 17:51:05	13.58	49.15	32.10	7.31	7.96	5.7	3.260	85.8	2.3	0.5
198	10/23/2016 18:06:05	13.56	49.19	32.13	7.36	7.97	5.4	3.312	86.4	2.8	0.7
199	10/23/2016 18:21:05	13.49	49.27	32.18	7.41	7.98	5.0	3.333	86.8	2.8	0.7
200	10/23/2016 18:36:05	13.43	49.34	32.23	7.44	7.98	4.5	3.378	87.1	2.3	0.5
201	10/23/2016 18:51:05	13.38	49.40	32.28	7.42	7.98	5.2	3.400	86.8	2.6	0.6
202	10/23/2016 19:06:05	13.37	49.41	32.28	7.38	7.99	2.9	3.412	86.3	2.6	0.6
203	10/23/2016 19:21:05	13.36	49.42	32.29	7.32	7.98	4.5	3.402	85.6	1.9	0.4
204	10/23/2016 19:36:05	13.36	49.41	32.28	7.36	7.98	4.0	3.399	86.1	1.9	0.4
205	10/23/2016 19:51:05	13.37	49.39	32.27	7.37	7.97	4.6	3.352	86.2	2.6	0.6
206	10/23/2016 20:06:05	13.46	49.29	32.20	7.31	7.96	4.0	3.296	85.7	2.7	0.6
207	10/23/2016 20:21:05	13.76	48.76	31.83	7.16	7.93	5.9	3.235	84.2	2.5	0.6
208	10/23/2016 20:36:05	13.81	48.66	31.75	7.19	7.92	6.6	3.167	84.6	2.2	0.5
209	10/23/2016 20:51:05	13.82	48.64	31.74	7.24	7.92	9.2	3.101	85.1	2.0	0.5
210	10/23/2016 21:06:05	13.88	48.54	31.67	7.23	7.92	9.0	3.004	85.1	2.7	0.6
211	10/23/2016 21:21:05	13.94	48.40	31.57	7.31	7.92	8.5	2.928	86.1	2.4	0.6
212	10/23/2016 21:36:05	13.91	48.38	31.55	7.31	7.92	10.9	2.851	86.1	2.3	0.5
213	10/23/2016 21:51:05	14.02	48.22	31.44	7.32	7.91	10.6	2.766	86.3	2.4	0.6
214	10/23/2016 22:06:06	13.94	48.30	31.50	7.31	7.91	13.2	2.666	86.0	3.1	0.7
215	10/23/2016 22:21:06	13.99	48.10	31.35	7.31	7.91	15.0	2.601	86.1	2.7	0.6
216	10/23/2016 22:36:05	13.99	48.02	31.29	7.33	7.90	16.2	2.513	86.3	3.3	0.8
217	10/23/2016 22:51:05	14.05	48.02	31.29	7.22	7.89	19.8	2.407	85.1	2.9	0.7
218	10/23/2016 23:06:05	14.19	47.80	31.14	7.22	7.89	19.4	2.324	85.3	2.8	0.7
219	10/23/2016 23:21:05	14.24	47.69	31.06	7.35	7.89	19.3	2.232	86.8	2.7	0.7
220	10/23/2016 23:36:05	14.26	47.63	31.02	7.41	7.90	19.4	2.145	87.6	3.1	0.7
221	10/23/2016 23:51:05	14.23	47.66	31.04	7.38	7.89	19.1	2.049	87.2	3.1	0.7
222	10/24/2016 00:06:06	14.24	47.55	30.96	7.41	7.90	18.4	1.965	87.5	3.0	0.7
223	10/24/2016 00:21:06	14.23	47.52	30.94	7.41	7.90	20.8	1.877	87.5	3.5	0.8
224	10/24/2016 00:36:05	14.20	47.51	30.93	7.39	7.89	21.5	1.807	87.2	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
225	10/24/2016 00:51:05	14.23	47.45	30.89	7.48	7.90	21.3	1.750	88.2	3.4	0.8
226	10/24/2016 01:06:05	14.25	47.40	30.85	7.49	7.90	19.1	1.697	88.4	3.9	0.9
227	10/24/2016 01:21:05	14.25	47.41	30.86	7.49	7.90	16.8	1.685	88.4	2.9	0.7
228	10/24/2016 01:36:06	14.24	47.40	30.85	7.54	7.90	17.3	1.675	89.0	2.8	0.7
229	10/24/2016 01:51:05	14.22	47.40	30.85	7.52	7.90	16.5	1.679	88.7	3.0	0.7
230	10/24/2016 02:06:06	14.21	47.42	30.87	7.50	7.90	16.6	1.727	88.4	3.1	0.7
231	10/24/2016 02:21:05	14.20	47.46	30.89	7.48	7.90	14.5	1.765	88.2	2.8	0.7
232	10/24/2016 02:36:05	14.18	47.49	30.91	7.49	7.89	13.9	1.815	88.3	3.0	0.7
233	10/24/2016 02:51:05	14.09	47.32	30.79	7.47	7.89	14.5	1.871	87.8	3.0	0.7
234	10/24/2016 03:06:05	14.02	47.12	30.64	7.41	7.88	13.1	1.931	87.0	3.2	0.8
235	10/24/2016 03:21:05	14.04	47.31	30.78	7.39	7.88	13.6	2.019	86.8	3.1	0.7
236	10/24/2016 03:36:05	14.05	47.35	30.81	7.36	7.88	12.8	2.072	86.5	3.1	0.7
237	10/24/2016 03:51:05	14.02	47.48	30.91	7.39	7.88	12.0	2.141	86.9	2.5	0.6
238	10/24/2016 04:06:05	14.01	47.51	30.93	7.37	7.88	12.5	2.225	86.6	3.0	0.7
239	10/24/2016 04:21:05	14.00	47.80	31.13	7.28	7.88	11.5	2.300	85.7	2.9	0.7
240	10/24/2016 04:36:06	13.98	47.96	31.25	7.28	7.88	12.7	2.372	85.6	3.0	0.7
241	10/24/2016 04:51:06	14.00	48.07	31.33	7.23	7.87	12.5	2.441	85.2	3.0	0.7
242	10/24/2016 05:06:06	13.99	48.16	31.39	7.21	7.87	12.8	2.531	85.0	3.0	0.7
243	10/24/2016 05:21:05	13.94	48.28	31.48	7.23	7.87	12.6	2.603	85.1	2.7	0.6
244	10/24/2016 05:36:05	13.89	48.35	31.53	7.22	7.88	13.5	2.686	85.0	2.7	0.6
245	10/24/2016 05:51:05	13.82	48.47	31.62	7.24	7.88	12.2	2.754	85.1	2.4	0.6
246	10/24/2016 06:06:05	13.76	48.56	31.68	7.25	7.89	15.1	2.840	85.2	2.9	0.7
247	10/24/2016 06:21:05	13.62	48.73	31.80	7.28	7.90	14.3	2.926	85.4	2.8	0.7
248	10/24/2016 06:36:05	13.47	48.94	31.94	7.39	7.92	13.7	2.997	86.4	2.8	0.7
249	10/24/2016 06:51:05	13.29	49.16	32.10	7.48	7.93	13.2	3.082	87.3	2.6	0.6
250	10/24/2016 07:06:05	13.13	49.37	32.24	7.54	7.95	12.5	3.162	87.7	2.2	0.5
251	10/24/2016 07:21:05	12.97	49.56	32.38	7.59	7.96	12.3	3.241	88.1	2.2	0.5
252	10/24/2016 07:36:05	12.89	49.67	32.45	7.66	7.97	11.7	3.319	88.8	2.3	0.6
253	10/24/2016 07:51:05	12.82	49.76	32.52	7.71	7.98	10.4	3.390	89.2	2.7	0.6
254	10/24/2016 08:06:05	12.75	49.80	32.55	7.73	7.99	9.3	3.452	89.3	2.2	0.5
255	10/24/2016 08:21:05	12.72	49.74	32.50	7.74	7.99	6.4	3.495	89.4	1.8	0.4
256	10/24/2016 08:36:05	12.70	49.79	32.54	7.73	7.99	5.2	3.523	89.2	2.0	0.5
257	10/24/2016 08:51:05	12.72	49.71	32.48	7.73	8.00	5.7	3.534	89.3	2.3	0.5
258	10/24/2016 09:06:05	12.76	49.77	32.52	7.65	7.98	6.8	3.534	88.5	2.3	0.5
259	10/24/2016 09:21:05	12.69	49.82	32.55	7.68	7.99	6.1	3.516	88.7	1.6	0.4
260	10/24/2016 09:36:05	12.95	49.27	32.17	7.65	7.96	9.3	3.448	88.6	2.4	0.6
261	10/24/2016 09:51:05	13.13	49.02	31.99	7.57	7.94	10.8	3.445	87.9	2.9	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	Fluorescence %FS
262	10/24/2016 10:06:06	12.93	49.37	32.24	7.66	7.96	9.4	3.387	88.7	2.0	0.5
263	10/24/2016 10:21:06	12.95	49.37	32.24	7.64	7.96	9.5	3.299	88.5	2.5	0.6
264	10/24/2016 10:36:06	12.99	49.29	32.18	7.61	7.96	9.4	3.247	88.3	1.8	0.4
265	10/24/2016 10:51:05	13.24	48.95	31.95	7.55	7.93	11.4	3.154	87.9	2.4	0.6
266	10/24/2016 11:06:05	13.40	48.73	31.79	7.52	7.92	11.2	3.091	87.7	2.4	0.6
267	10/24/2016 11:21:05	13.45	48.71	31.78	7.50	7.91	11.1	3.006	87.6	2.0	0.5
268	10/24/2016 11:36:05	13.53	48.54	31.66	7.49	7.90	10.8	2.944	87.6	2.3	0.5
269	10/24/2016 11:51:05	13.58	48.46	31.60	7.45	7.89	11.8	2.875	87.1	2.7	0.6
270	10/24/2016 12:06:05	13.69	48.22	31.43	7.46	7.88	10.9	2.812	87.4	4.4	1.0
271	10/24/2016 12:21:05	13.70	48.14	31.37	7.46	7.88	11.7	2.754	87.4	2.7	0.6
272	10/24/2016 12:36:06	13.72	48.12	31.36	7.48	7.88	10.8	2.688	87.6		
273	10/24/2016 12:51:06	13.72	48.01	31.28	7.46	7.87	11.8	2.647	87.3	2.7	0.6
274	10/24/2016 13:06:05	13.76	47.86	31.17	7.51	7.87	11.8	2.570	88.0	2.4	0.6
275	10/24/2016 13:21:06	13.76	47.81	31.13	7.52	7.87	12.5	2.532	88.0	2.9	0.7
276	10/24/2016 13:36:06	13.76	47.73	31.08	7.53	7.87	11.9	2.507	88.2	3.0	0.7
277	10/24/2016 13:51:05	13.78	47.60	30.98	7.53	7.87	12.8	2.436	88.1	2.9	0.7
278	10/24/2016 14:06:05	13.79	47.59	30.97	7.50	7.87	11.9	2.429	87.8	2.4	0.6
279	10/24/2016 14:21:06	13.80	47.58	30.97	7.47	7.87	11.8	2.401	87.4	2.7	0.6
280	10/24/2016 14:36:05	13.81	47.77	31.10	7.33	7.87	10.0	2.376	85.9	1.9	0.5
281	10/24/2016 14:51:05	13.81	47.82	31.14	7.37	7.86	10.8	2.386	86.4	2.5	0.6
282	10/24/2016 15:06:06	13.78	47.86	31.17	7.40	7.87	9.9	2.374	86.7	1.9	0.5
283	10/24/2016 15:21:05	13.83	47.44	30.87	7.63	7.87	10.3	2.394	89.3	3.6	0.8
284	10/24/2016 15:36:05	13.83	47.55	30.95	7.60	7.87	10.1	2.437	89.0	2.8	0.7
285	10/24/2016 15:51:06	13.76	47.86	31.17	7.47	7.86	13.0	2.479	87.5	2.0	0.5
286	10/24/2016 16:06:06	13.77	47.85	31.16	7.52	7.86	11.2	2.523	88.1	2.7	0.6
287	10/24/2016 16:21:06	13.77	47.76	31.10	7.53	7.87	10.0	2.589	88.1	2.2	0.5
288	10/24/2016 16:36:05	13.71	47.89	31.19	7.49	7.87	10.6	2.640	87.6	1.8	0.4
289	10/24/2016 16:51:06	13.68	48.00	31.27	7.50	7.87	10.2	2.707	87.8	2.3	0.5
290	10/24/2016 17:06:06	13.61	48.19	31.41	7.48	7.88	10.4	2.766	87.4	2.2	0.5
291	10/24/2016 17:21:06	13.57	48.28	31.47	7.51	7.88	10.5	2.827	87.8	2.0	0.5
292	10/24/2016 17:36:05	13.55	48.34	31.51	7.61	7.89	11.4	2.881	88.9	2.5	0.6
293	10/24/2016 17:51:05	13.51	48.46	31.60	7.62	7.89	10.3	2.949	89.0	2.4	0.6
294	10/24/2016 18:06:05	13.50	48.55	31.66	7.62	7.89	9.8	3.023	89.0	2.3	0.5
295	10/24/2016 18:21:05	13.45	48.61	31.71	7.62	7.90	10.0	3.082	89.0	2.4	0.6
296	10/24/2016 18:36:05	13.40	48.69	31.76	7.61	7.91	10.2	3.147	88.8	2.6	0.6
297	10/24/2016 18:51:05	13.29	48.79	31.83	7.68	7.91	10.2	3.182	89.4	2.3	0.5
298	10/24/2016 19:06:05	13.16	48.90	31.91	7.79	7.93	9.6	3.269	90.5	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
299	10/24/2016 19:21:05	13.13	48.97	31.96	7.82	7.93	8.7	3.318	90.9	3.0	0.7
300	10/24/2016 19:36:05	13.13	49.00	31.97	7.76	7.93	8.3	3.335	90.1	2.3	0.5
301	10/24/2016 19:51:05	13.07	49.10	32.05	7.78	7.93	7.5	3.384	90.3	2.6	0.6
302	10/24/2016 20:06:05	13.01	49.15	32.08	7.82	7.94	9.4	3.423	90.6	2.6	0.6
303	10/24/2016 20:21:05	13.01	49.14	32.08	7.70	7.94	4.2	3.419	89.2	2.6	0.6
304	10/24/2016 20:36:05	13.00	49.16	32.09	7.71	7.93	5.7	3.432	89.4	2.2	0.5
305	10/24/2016 20:51:05	13.01	49.16	32.09	7.75	7.94	5.8	3.406	89.9	2.8	0.7
306	10/24/2016 21:06:05	13.19	48.80	31.83	7.67	7.92	6.5	3.356	89.2	2.2	0.5
307	10/24/2016 21:21:05	13.24	48.56	31.66	7.60	7.90	7.4	3.327	88.3	2.7	0.6
308	10/24/2016 21:36:05	13.28	48.48	31.60	7.66	7.90	7.8	3.257	89.1	2.5	0.6
309	10/24/2016 21:51:05	13.28	48.50	31.62	7.67	7.90	7.3	3.174	89.2	1.7	0.4
310	10/24/2016 22:06:05	13.32	48.51	31.63	7.58	7.88	8.1	3.090	88.2	2.1	0.5
311	10/24/2016 22:21:05	13.33	48.49	31.61	7.63	7.89	8.0	3.019	88.8	2.6	0.6
312	10/24/2016 22:36:06	13.35	48.39	31.54	7.61	7.88	8.3	2.928	88.5	2.6	0.6
313	10/24/2016 22:51:05	13.37	48.27	31.46	7.63	7.88	7.8	2.854	88.8	2.2	0.5
314	10/24/2016 23:06:05	13.43	48.06	31.30	7.61	7.87	7.6	2.783	88.6	2.5	0.6
315	10/24/2016 23:21:05	13.44	47.99	31.26	7.57	7.86	8.3	2.689	88.1	2.2	0.5
316	10/24/2016 23:36:05	13.48	47.87	31.17	7.48	7.85	8.0	2.613	87.1	1.7	0.4
317	10/24/2016 23:51:05	13.49	47.78	31.10	7.50	7.84	8.9	2.525	87.3	2.6	0.6
318	10/25/2016 00:06:05	13.50	47.67	31.02	7.52	7.85	8.9	2.448	87.5	2.5	0.6
319	10/25/2016 00:21:05	13.51	47.61	30.98	7.54	7.85	9.2	2.336	87.7	2.2	0.5
320	10/25/2016 00:36:05	13.51	47.56	30.95	7.54	7.85	9.8	2.265	87.8	2.8	0.7
321	10/25/2016 00:51:05	13.50	47.45	30.87	7.54	7.85	10.8	2.175	87.6	2.7	0.6
322	10/25/2016 01:06:05	13.48	47.36	30.80	7.56	7.85	10.3	2.102	87.8	2.6	0.6
323	10/25/2016 01:21:06	13.45	47.39	30.82	7.54	7.85	10.8	1.995	87.5	2.8	0.7
324	10/25/2016 01:36:05	13.47	47.32	30.77	7.55	7.85	10.1	1.938	87.6	3.0	0.7
325	10/25/2016 01:51:06	13.45	47.33	30.78	7.52	7.85	9.8	1.912	87.3	3.1	0.7
326	10/25/2016 02:06:05	13.44	47.32	30.77	7.48	7.85	9.8	1.845	86.7	2.8	0.7
327	10/25/2016 02:21:05	13.46	47.28	30.74	7.52	7.85	9.1	1.804	87.2	2.4	0.6
328	10/25/2016 02:36:06	13.50	47.23	30.71	7.53	7.85	9.2	1.807	87.5	2.4	0.6
329	10/25/2016 02:51:05	13.49	47.23	30.71	7.54	7.85	8.7	1.787	87.6	2.8	0.7
330	10/25/2016 03:06:05	13.48	47.22	30.70	7.55	7.85	9.5	1.761	87.6	2.7	0.6
331	10/25/2016 03:21:05	13.46	47.25	30.72	7.58	7.85	9.0	1.835	87.9	2.6	0.6
332	10/25/2016 03:36:05	13.48	47.26	30.73	7.59	7.85	8.7	1.884	88.2	2.7	0.6
333	10/25/2016 03:51:05	13.50	47.28	30.74	7.57	7.85	8.8	1.933	87.9	2.8	0.7
334	10/25/2016 04:06:05	13.46	47.12	30.63	7.57	7.85	8.5	1.989	87.7	2.0	0.5
335	10/25/2016 04:21:05	13.46	47.09	30.61	7.58	7.85	8.5	2.059	87.9	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
336	10/25/2016 04:36:05	13.43	46.92	30.48	7.61	7.85	7.9	2.155	88.1	2.7	0.6
337	10/25/2016 04:51:06	13.46	47.09	30.60	7.59	7.85	8.9	2.236	88.0	2.9	0.7
338	10/25/2016 05:06:05	13.46	47.23	30.70	7.58	7.85	8.2	2.318	87.9	2.5	0.6
339	10/25/2016 05:21:05	13.44	47.33	30.78	7.59	7.85	8.1	2.390	88.0	2.6	0.6
340	10/25/2016 05:36:05	13.48	47.63	30.99	7.55	7.85	8.3	2.472	87.8	3.0	0.7
341	10/25/2016 05:51:05	13.49	47.73	31.06	7.57	7.85	8.8	2.562	88.0	2.2	0.5
342	10/25/2016 06:06:05	13.51	47.86	31.16	7.59	7.85	9.1	2.660	88.4	2.2	0.5
343	10/25/2016 06:21:05	13.51	47.92	31.20	7.61	7.85	10.4	2.713	88.7	2.2	0.5
344	10/25/2016 06:36:05	13.48	48.03	31.29	7.62	7.85	11.6	2.791	88.8	2.5	0.6
345	10/25/2016 06:51:05	13.42	48.17	31.38	7.62	7.86	13.1	2.889	88.8	2.7	0.6
346	10/25/2016 07:06:05	13.36	48.27	31.45	7.60	7.87	13.6	2.969	88.4	2.3	0.6
347	10/25/2016 07:21:06	13.28	48.39	31.54	7.64	7.88	16.2	3.052	88.8	2.2	0.5
348	10/25/2016 07:36:05	13.17	48.57	31.67	7.72	7.89	14.2	3.152	89.5	2.2	0.5
349	10/25/2016 07:51:05	13.07	48.74	31.79	7.77	7.90	14.6	3.239	90.0	2.1	0.5
350	10/25/2016 08:06:05	12.95	48.90	31.90	7.84	7.92	14.8	3.316	90.7	2.6	0.6
351	10/25/2016 08:21:05	12.86	49.11	32.05	8.02	7.93	15.2	3.376	92.7	2.3	0.5
352	10/25/2016 08:36:05	12.81	49.30	32.18	8.23	7.96	13.5	3.478	95.1	2.5	0.6
353	10/25/2016 08:51:05	12.80	49.42	32.27	8.30	7.97	10.7	3.537	95.9	2.7	0.6
354	10/25/2016 09:06:05	12.79	49.47	32.31	8.35	7.98	9.0	3.575	96.5	2.2	0.5
355	10/25/2016 09:21:05	12.79	49.50	32.33	8.37	7.99	7.3	3.609	96.8	2.4	0.6
356	10/25/2016 09:36:05	12.78	49.51	32.33	8.31	7.98	5.9	3.631	96.0	2.2	0.5
357	10/25/2016 09:51:04	12.80	49.46	32.30	8.22	7.98	7.4	3.620	95.1	1.8	0.4
358	10/25/2016 10:06:05	12.79	49.51	32.33	8.30	7.98	7.3	3.603	95.9	1.7	0.4
359	10/25/2016 10:21:05	12.84	49.37	32.24	8.16	7.97	7.8	3.559	94.4	2.3	0.5
360	10/25/2016 10:36:05	13.13	48.73	31.78	7.84	7.91	8.5	3.516	91.0	1.8	0.4
361	10/25/2016 10:51:05	13.19	48.67	31.74	7.80	7.90	9.2	3.438	90.6	2.2	0.5
362	10/25/2016 11:06:05	13.14	48.93	31.93	8.06	7.93	7.1	3.349	93.6	2.3	0.6
363	10/25/2016 11:21:05	13.17	48.88	31.89	8.04	7.93	7.8	3.268	93.4	2.7	0.6
364	10/25/2016 11:36:05	13.24	48.63	31.71	7.93	7.90	7.5	3.201	92.1	2.3	0.5
365	10/25/2016 11:51:05	13.29	48.60	31.69	7.85	7.90	7.3	3.115	91.3	1.6	0.4
366	10/25/2016 12:06:06	13.34	48.46	31.59	7.75	7.89	8.6	3.012	90.2	1.5	0.4
367	10/25/2016 12:21:05	13.38	48.40	31.55	7.73	7.88	7.0	2.948	90.0	2.3	0.5
368	10/25/2016 12:36:06	13.44	48.27	31.46	7.71	7.88	7.5	2.861	89.9	1.5	0.4
369	10/25/2016 12:51:05	13.51	48.09	31.33	7.70	7.87	8.3	2.776	89.8	1.7	0.4
370	10/25/2016 13:06:05	13.54	48.06	31.31	7.69	7.86	6.9	2.696	89.7	1.7	0.4
371	10/25/2016 13:21:05	13.58	47.91	31.20	7.66	7.86	7.3	2.615	89.4	2.2	0.5
372	10/25/2016 13:36:05	13.58	47.85	31.16	7.67	7.86	6.9	2.545	89.4	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
373	10/25/2016 13:51:05	13.59	47.71	31.06	7.69	7.86	7.5	2.456	89.6	2.2	0.5
374	10/25/2016 14:06:05	13.61	47.75	31.08	7.77	7.86	6.9	2.395	90.7	2.5	0.6
375	10/25/2016 14:21:05	13.63	47.66	31.02	7.72	7.86	7.1	2.342	90.0	2.1	0.5
376	10/25/2016 14:36:05	13.64	47.61	30.99	7.76	7.86	7.1	2.281	90.6	2.1	0.5
377	10/25/2016 14:51:05	13.66	47.64	31.01	7.82	7.87	6.4	2.222	91.3	2.2	0.5
378	10/25/2016 15:06:05	13.67	47.52	30.92	7.81	7.87	6.0	2.217	91.1	1.8	0.4
379	10/25/2016 15:21:06	13.66	47.41	30.84	7.76	7.86	5.9	2.173	90.5	2.6	0.6
380	10/25/2016 15:36:06	13.65	47.32	30.78	7.65	7.86	5.3	2.153	89.2	3.1	0.7
381	10/25/2016 15:51:06	13.66	47.43	30.85	7.74	7.86	5.6	2.160	90.3	2.2	0.5
382	10/25/2016 16:06:06	13.65	47.45	30.87	7.73	7.86	5.7	2.195	90.2	1.8	0.4
383	10/25/2016 16:21:05	13.64	47.44	30.86	7.70	7.85	6.5	2.228	89.8	2.4	0.6
384	10/25/2016 16:36:06	13.64	47.45	30.87	7.69	7.85	6.6	2.273	89.6	2.4	0.6
385	10/25/2016 16:51:06	13.61	47.37	30.81	7.68	7.85	7.1	2.341	89.5	2.8	0.7
386	10/25/2016 17:06:06	13.59	47.23	30.71	7.66	7.85	7.2	2.415	89.1	2.4	0.6
387	10/25/2016 17:21:05	13.59	47.43	30.85	7.67	7.85	7.0	2.489	89.2	2.0	0.5
388	10/25/2016 17:36:06	13.58	47.57	30.95	7.67	7.85	7.3	2.569	89.3	2.2	0.5
389	10/25/2016 17:51:05	13.54	47.76	31.09	7.64	7.85	7.3	2.625	88.9	2.4	0.6
390	10/25/2016 18:06:06	13.50	47.93	31.21	7.66	7.86	7.1	2.700	89.2	2.7	0.6
391	10/25/2016 18:21:06	13.45	48.07	31.31	7.67	7.87	7.3	2.770	89.3	2.6	0.6
392	10/25/2016 18:36:06	13.42	48.18	31.39	7.69	7.87	7.8	2.832	89.5	2.3	0.5
393	10/25/2016 18:51:06	13.41	48.23	31.43	7.67	7.87	8.1	2.896	89.3	2.4	0.6
394	10/25/2016 19:06:06	13.38	48.31	31.48	7.69	7.88	8.6	2.964	89.5	2.3	0.5
395	10/25/2016 19:21:05	13.33	48.42	31.56	7.74	7.88	9.2	3.025	90.0	2.4	0.6
396	10/25/2016 19:36:06	13.28	48.55	31.66	7.82	7.90	9.4	3.086	90.9	2.7	0.6
397	10/25/2016 19:51:06	13.26	48.64	31.72	7.85	7.91	10.0	3.159	91.3	2.6	0.6
398	10/25/2016 20:06:05	13.23	48.71	31.77	7.91	7.91	8.6	3.227	92.0	2.6	0.6
399	10/25/2016 20:21:05	13.21	48.81	31.84	7.99	7.92	11.2	3.282	92.9	2.6	0.6
400	10/25/2016 20:36:05	13.18	48.89	31.90	8.05	7.94	7.4	3.338	93.6	2.3	0.5
401	10/25/2016 20:51:05	13.16	48.98	31.97	8.13	7.95	7.3	3.391	94.5	2.6	0.6
402	10/25/2016 21:06:05	13.19	48.92	31.92	8.10	7.94	6.9	3.427	94.2	2.3	0.5
403	10/25/2016 21:21:05	13.16	49.02	32.00	8.13	7.95	5.8	3.445	94.5	1.8	0.4
404	10/25/2016 21:36:05	13.19	48.95	31.94	8.03	7.94	6.4	3.450	93.4	2.4	0.6
405	10/25/2016 21:51:05	13.16	49.04	32.01	8.07	7.95	5.9	3.431	93.8	2.5	0.6
406	10/25/2016 22:06:05	13.17	49.03	32.00	8.06	7.95	5.9	3.403	93.7	2.3	0.5
407	10/25/2016 22:21:06	13.18	48.98	31.96	8.04	7.94	6.8	3.350	93.5	2.1	0.5
408	10/25/2016 22:36:05	13.32	48.56	31.67	7.73	7.90	7.8	3.306	90.0	2.1	0.5
409	10/25/2016 22:51:05	13.36	48.56	31.67	7.76	7.90	7.5	3.236	90.4	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
410	10/25/2016 23:06:05	13.34	48.63	31.71	7.85	7.90	7.3	3.154	91.4	2.3	0.5
411	10/25/2016 23:21:05	13.34	48.63	31.72	7.84	7.90	6.7	3.092	91.3	2.2	0.5
412	10/25/2016 23:36:05	13.38	48.54	31.65	7.80	7.89	6.6	3.003	90.9	2.3	0.5
413	10/25/2016 23:51:05	13.46	48.32	31.49	7.68	7.87	7.6	2.903	89.6	2.5	0.6
414	10/26/2016 00:06:06	13.52	48.16	31.38	7.65	7.86	7.8	2.837	89.2	2.0	0.5
415	10/26/2016 00:21:06	13.56	48.08	31.33	7.61	7.85	9.0	2.756	88.8	2.6	0.6
416	10/26/2016 00:36:06	13.60	48.00	31.27	7.54	7.85	9.4	2.672	88.1	2.7	0.6
417	10/26/2016 00:51:06	13.61	47.94	31.22	7.55	7.84	10.9	2.593	88.1	2.4	0.6
418	10/26/2016 01:06:06	13.65	47.89	31.19	7.56	7.84	11.2	2.497	88.4	2.3	0.5
419	10/26/2016 01:21:05	13.67	47.84	31.15	7.58	7.84	11.3	2.404	88.6	2.6	0.6
420	10/26/2016 01:36:05	13.68	47.83	31.15	7.60	7.84	13.8	2.315	88.8	2.3	0.6
421	10/26/2016 01:51:05	13.69	47.80	31.12	7.58	7.84	14.4	2.243	88.6	2.3	0.6
422	10/26/2016 02:06:06	13.71	47.71	31.06	7.63	7.84	13.3	2.164	89.2	2.4	0.6
423	10/26/2016 02:21:06	13.73	47.60	30.98	7.62	7.84	11.6	2.071	89.1	2.9	0.7
424	10/26/2016 02:36:06	13.75	47.48	30.89	7.63	7.83	10.8	2.025	89.2	2.3	0.6
425	10/26/2016 02:51:06	13.77	47.49	30.90	7.60	7.83	10.4	1.977	88.8	2.3	0.5
426	10/26/2016 03:06:06	13.78	47.40	30.84	7.59	7.83	9.8	1.917	88.8	2.2	0.5
427	10/26/2016 03:21:05	13.79	47.33	30.79	7.64	7.83	9.0	1.894	89.3	2.3	0.5
428	10/26/2016 03:36:06	13.79	47.32	30.78	7.61	7.83	8.9	1.894	88.9	2.6	0.6
429	10/26/2016 03:51:06	13.79	47.34	30.80	7.68	7.83	11.5	1.904	89.7	2.7	0.6
430	10/26/2016 04:06:05	13.79	47.38	30.83	7.68	7.83	11.4	1.897	89.8	3.0	0.7
431	10/26/2016 04:21:06	13.78	47.41	30.85	7.65	7.83	10.7	1.951	89.5	2.4	0.6
432	10/26/2016 04:36:06	13.76	47.46	30.88	7.65	7.83	10.6	2.017	89.4	2.9	0.7
433	10/26/2016 04:51:06	13.74	47.27	30.74	7.65	7.83	10.9	2.088	89.3	2.5	0.6
434	10/26/2016 05:06:06	13.72	47.07	30.60	7.59	7.82	10.3	2.153	88.5	2.9	0.7
435	10/26/2016 05:21:06	13.70	47.11	30.63	7.59	7.82	10.6	2.242	88.4	2.0	0.5
436	10/26/2016 05:36:05	13.68	47.41	30.84	7.61	7.83	10.0	2.320	88.7	2.7	0.6
437	10/26/2016 05:51:06	13.66	47.53	30.93	7.61	7.83	9.4	2.398	88.7	2.8	0.7
438	10/26/2016 06:06:06	13.62	47.76	31.09	7.60	7.84	8.3	2.481	88.7	2.2	0.5
439	10/26/2016 06:21:06	13.60	47.91	31.20	7.66	7.85	8.4	2.560	89.4	2.2	0.5
440	10/26/2016 06:36:05	13.61	47.96	31.24	7.69	7.85	8.6	2.652	89.7	2.5	0.6
441	10/26/2016 06:51:05	13.61	47.97	31.24	7.72	7.85	9.6	2.723	90.1	2.3	0.5
442	10/26/2016 07:06:05	13.57	48.08	31.32	7.72	7.85	9.9	2.805	90.2	2.4	0.6
443	10/26/2016 07:21:05	13.52	48.20	31.41	7.74	7.86	10.7	2.889	90.4	2.3	0.5
444	10/26/2016 07:36:05	13.49	48.29	31.47	7.76	7.87	11.5	2.982	90.5	2.8	0.7
445	10/26/2016 07:51:05	13.45	48.40	31.55	7.83	7.88	12.2	3.063	91.3	2.4	0.6
446	10/26/2016 08:06:05	13.40	48.60	31.69	7.95	7.90	11.5	3.154	92.7	2.4	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
447	10/26/2016 08:21:06	13.36	48.76	31.81	8.05	7.92	12.6	3.250	93.9	2.4	0.6
448	10/26/2016 08:36:05	13.34	48.93	31.93	8.16	7.94	13.2	3.337	95.2	2.9	0.7
449	10/26/2016 08:51:06	13.32	49.09	32.05	8.25	7.96	13.0	3.426	96.2	2.1	0.5
450	10/26/2016 09:06:05	13.32	49.25	32.17	8.16	8.01	12.2	3.495	95.3	2.3	0.6
451	10/26/2016 09:21:05	13.34	49.33	32.23	8.23	8.01	10.0	3.574	96.1	2.4	0.6
452	10/26/2016 09:36:05	13.35	49.40	32.27	8.26	8.01	8.6	3.634	96.5	2.4	0.6
453	10/26/2016 09:51:05	13.37	49.45	32.31	8.25	8.02	7.8	3.680	96.5	2.4	0.6
454	10/26/2016 10:06:06	13.37	49.46	32.32	8.27	8.02	7.1	3.731	96.7	2.0	0.5
455	10/26/2016 10:21:05	13.39	49.47	32.33	8.23	8.03	4.8	3.749	96.3	1.5	0.4
456	10/26/2016 10:36:05	13.39	49.51	32.36	8.23	8.02	5.4	3.737	96.3	1.9	0.4
457	10/26/2016 10:51:05	13.39	49.49	32.34	8.26	8.03	6.0	3.724	96.6	2.1	0.5
458	10/26/2016 11:06:05	13.39	49.50	32.35	8.27	8.02	7.2	3.682	96.8	1.8	0.4
459	10/26/2016 11:21:05	13.57	49.08	32.05	8.18	7.98	8.4	3.618	95.9	2.4	0.6
460	10/26/2016 11:36:05	13.59	49.04	32.02	8.20	7.98	8.7	3.536	96.1	1.8	0.4
461	10/26/2016 11:51:05	13.67	48.80	31.85	8.10	7.94	11.2	3.458	95.1	2.0	0.5
462	10/26/2016 12:06:06	13.64	48.84	31.88	8.11	7.95	10.3	3.357	95.1	1.9	0.5
463	10/26/2016 12:21:05	13.66	48.79	31.84	8.12	7.95	8.4	3.255	95.2	1.8	0.4
464	10/26/2016 12:36:05	13.67	48.83	31.87	8.12	7.96	8.3	3.165	95.2	2.6	0.6
465	10/26/2016 12:51:05	13.70	48.80	31.85	8.10	7.95	9.0	3.061	95.1	1.6	0.4
466	10/26/2016 13:06:05	13.77	48.61	31.72	8.10	7.93	10.1	2.971	95.1	1.8	0.4
467	10/26/2016 13:21:05	13.83	48.52	31.65	8.10	7.93	9.4	2.877	95.2	1.9	0.4
468	10/26/2016 13:36:05	13.93	48.38	31.55	8.05	7.92	9.7	2.777	94.8	1.9	0.5
469	10/26/2016 13:51:05	13.97	48.24	31.46	7.98	7.90	10.4	2.686	94.0	2.4	0.6
470	10/26/2016 14:06:05	14.04	48.12	31.37	7.94	7.88	10.2	2.600	93.6	2.2	0.5
471	10/26/2016 14:21:06	14.08	48.01	31.29	7.98	7.88	10.2	2.517	94.1	3.0	0.7
472	10/26/2016 14:36:06	14.19	47.93	31.23	8.02	7.88	10.8	2.429	94.8	1.8	0.4
473	10/26/2016 14:51:05	14.18	47.87	31.19	7.99	7.87	11.5	2.344	94.4	2.1	0.5
474	10/26/2016 15:06:05	14.31	47.66	31.04	8.06	7.87	11.4	2.296	95.3	2.0	0.5
475	10/26/2016 15:21:05	14.36	47.45	30.89	8.07	7.87	10.8	2.231	95.5	3.0	0.7
476	10/26/2016 15:36:05	14.46	47.44	30.89	8.10	7.87	11.5	2.155	96.0	2.5	0.6
477	10/26/2016 15:51:05	14.53	47.44	30.89	8.18	7.87	11.1	2.113	97.1	2.4	0.6
478	10/26/2016 16:06:05	14.52	47.38	30.85	8.14	7.87	11.4	2.110	96.5	2.6	0.6
479	10/26/2016 16:21:05	14.53	47.37	30.84	8.08	7.87	9.7	2.069	95.9	2.9	0.7
480	10/26/2016 16:36:05	14.40	47.50	30.93	8.04	7.86	11.7	2.063	95.2	1.9	0.4
481	10/26/2016 16:51:05	14.29	47.58	30.98	7.93	7.85	10.8	2.105	93.7	1.6	0.4
482	10/26/2016 17:06:05	14.21	47.66	31.04	7.92	7.86	11.4	2.134	93.5	2.2	0.5
483	10/26/2016 17:21:05	14.18	47.76	31.11	7.96	7.86	9.2	2.174	93.9	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
484	10/26/2016 17:36:06	14.20	47.76	31.11	7.97	7.86	9.5	2.246	94.1	2.0	0.5
485	10/26/2016 17:51:05	14.30	47.60	31.00	7.98	7.86	8.7	2.326	94.4	2.4	0.6
486	10/26/2016 18:06:05	14.26	47.77	31.12	7.97	7.86	10.8	2.396	94.3	2.1	0.5
487	10/26/2016 18:21:05	14.20	47.90	31.21	7.95	7.87	9.9	2.476	93.9	2.9	0.7
488	10/26/2016 18:36:06	14.14	48.01	31.29	7.95	7.87	9.7	2.570	93.9	2.2	0.5
489	10/26/2016 18:51:05	14.06	48.17	31.40	7.96	7.88	8.7	2.631	93.9	2.2	0.5
490	10/26/2016 19:06:06	14.05	48.13	31.38	7.94	7.88	10.6	2.702	93.6	2.9	0.7
491	10/26/2016 19:21:05	14.06	48.06	31.32	7.87	7.87	11.9	2.771	92.8	2.9	0.7
492	10/26/2016 19:36:06	14.03	48.09	31.34	7.85	7.84	11.5	2.853	92.6	2.9	0.7
493	10/26/2016 19:51:05	14.02	48.07	31.33	7.84	7.83	12.3	2.930	92.3	2.1	0.5
494	10/26/2016 20:06:05	13.96	48.18	31.41	7.85	7.84	12.0	2.997	92.5	2.7	0.6
495	10/26/2016 20:21:05	13.90	48.30	31.50	7.90	7.85	12.2	3.066	93.0	3.1	0.7
496	10/26/2016 20:36:05	13.86	48.41	31.57	7.94	7.86	11.2	3.150	93.4	2.7	0.6
497	10/26/2016 20:51:05	13.83	48.49	31.63	7.94	7.87	12.5	3.221	93.3	2.8	0.7
498	10/26/2016 21:06:06	13.78	48.67	31.76	8.02	7.89	12.1	3.295	94.3	2.5	0.6
499	10/26/2016 21:21:05	13.73	48.78	31.84	8.06	7.90	11.8	3.350	94.7	2.5	0.6
500	10/26/2016 21:36:06	13.70	48.87	31.90	8.09	7.91	10.8	3.411	95.0	2.1	0.5
501	10/26/2016 21:51:06	13.68	48.93	31.94	8.07	7.92	9.0	3.465	94.8	1.8	0.4
502	10/26/2016 22:06:05	13.68	48.98	31.98	8.12	7.92	7.5	3.484	95.4	2.7	0.7
503	10/26/2016 22:21:05	13.68	49.01	32.01	8.08	7.93	4.9	3.510	94.9	2.5	0.6
504	10/26/2016 22:36:06	13.69	48.98	31.98	8.05	7.92	6.5	3.514	94.6	2.3	0.5
505	10/26/2016 22:51:06	13.68	49.02	32.01	8.08	7.93	6.6	3.503	95.0	2.6	0.6
506	10/26/2016 23:06:06	13.69	48.95	31.96	8.02	7.92	7.2	3.466	94.3	2.1	0.5
507	10/26/2016 23:21:06	13.86	48.54	31.67	7.83	7.87	8.2	3.415	92.2	2.3	0.5
508	10/26/2016 23:36:05	13.94	48.32	31.51	7.68	7.84	9.5	3.352	90.4	2.3	0.6
509	10/26/2016 23:51:06	13.90	48.37	31.55	7.73	7.85	9.9	3.268	91.0	2.5	0.6
510	10/27/2016 00:06:05	13.88	48.43	31.59	7.81	7.86	9.3	3.188	91.9	2.6	0.6
511	10/27/2016 00:21:06	13.94	48.29	31.49	7.76	7.85	9.2	3.093	91.3	2.5	0.6
512	10/27/2016 00:36:06	13.95	48.23	31.44	7.74	7.84	9.6	3.011	91.1	2.3	0.5
513	10/27/2016 00:51:05	13.98	48.17	31.40	7.76	7.84	9.2	2.922	91.4	2.1	0.5
514	10/27/2016 01:06:05	14.00	48.11	31.36	7.71	7.83	9.1	2.838	90.8	1.5	0.4
515	10/27/2016 01:21:05	14.05	48.03	31.31	7.69	7.82	9.2	2.749	90.6	1.9	0.4
516	10/27/2016 01:36:06	14.08	47.94	31.24	7.65	7.81	8.4	2.655	90.2	2.7	0.6
517	10/27/2016 01:51:06	14.11	47.88	31.20	7.66	7.81	8.6	2.578	90.3	2.1	0.5
518	10/27/2016 02:06:05	14.15	47.77	31.12	7.59	7.80	8.4	2.489	89.5	2.0	0.5
519	10/27/2016 02:21:06	14.18	47.70	31.07	7.62	7.81	8.9	2.404	90.0	1.8	0.4
520	10/27/2016 02:36:05	14.20	47.63	31.02	7.59	7.80	8.9	2.318	89.5	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
521	10/27/2016 02:51:05	14.23	47.55	30.96	7.64	7.80	9.2	2.239	90.2	1.8	0.4
522	10/27/2016 03:06:06	14.26	47.45	30.89	7.61	7.80	9.2	2.170	89.8	2.2	0.5
523	10/27/2016 03:21:06	14.32	47.32	30.80	7.63	7.80	8.1	2.079	90.1	2.4	0.6
524	10/27/2016 03:36:05	14.37	47.21	30.72	7.61	7.79	8.0	2.027	89.9	2.4	0.6
525	10/27/2016 03:51:05	14.37	47.14	30.67	7.58	7.79	7.6	1.997	89.5	2.0	0.5
526	10/27/2016 04:06:05	14.37	47.14	30.67	7.43	7.78	7.0	1.958	87.8	2.3	0.5
527	10/27/2016 04:21:05	14.29	47.11	30.64	7.46	7.78	10.4	1.966	88.0	2.5	0.6
528	10/27/2016 04:36:06	14.28	47.18	30.69	7.47	7.78	9.8	1.969	88.1	2.5	0.6
529	10/27/2016 04:51:05	14.35	47.26	30.75	7.58	7.78	9.0	1.992	89.6	2.8	0.7
530	10/27/2016 05:06:05	14.32	47.21	30.72	7.61	7.79	11.1	2.028	89.8	2.4	0.6
531	10/27/2016 05:21:05	14.31	47.24	30.74	7.61	7.79	10.0	2.106	89.9	2.2	0.5
532	10/27/2016 05:36:06	14.38	46.62	30.29	7.66	7.79	10.9	2.149	90.3	2.3	0.5
533	10/27/2016 05:51:06	14.38	46.77	30.40	7.68	7.79	9.5	2.226	90.6	2.4	0.6
534	10/27/2016 06:06:06	14.31	47.16	30.68	7.64	7.79	10.8	2.328	90.2	2.5	0.6
535	10/27/2016 06:21:05	14.29	47.28	30.76	7.63	7.79	9.5	2.392	90.0	1.8	0.4
536	10/27/2016 06:36:06	14.27	47.35	30.82	7.66	7.80	9.2	2.488	90.4	2.6	0.6
537	10/27/2016 06:51:05	14.23	47.41	30.86	7.66	7.80	8.7	2.552	90.4	2.1	0.5
538	10/27/2016 07:06:06	14.16	47.58	30.98	7.71	7.81	8.7	2.655	90.9	2.5	0.6
539	10/27/2016 07:21:05	14.12	47.67	31.05	7.72	7.81	9.3	2.750	91.0	2.1	0.5
540	10/27/2016 07:36:06	14.08	47.80	31.14	7.76	7.82	10.5	2.806	91.4	2.5	0.6
541	10/27/2016 07:51:05	14.04	47.85	31.17	7.78	7.82	10.8	2.913	91.6	2.4	0.6
542	10/27/2016 08:06:06	14.01	47.89	31.20	7.80	7.83	13.0	3.016	91.8	2.2	0.5
543	10/27/2016 08:21:05	13.97	47.92	31.22	7.79	7.83	16.3	3.086	91.7	2.3	0.5
544	10/27/2016 08:36:05	13.94	48.00	31.28	7.83	7.84	16.6	3.175	92.0	2.4	0.6
545	10/27/2016 08:51:06	13.89	48.07	31.32	7.88	7.86	20.3	3.280	92.6	2.1	0.5
546	10/27/2016 09:06:05	13.82	48.13	31.37	7.96	7.87	16.9	3.349	93.4	2.3	0.5
547	10/27/2016 09:21:06	13.79	48.24	31.45	8.00	7.89	15.1	3.444	93.9	2.3	0.5
548	10/27/2016 09:36:06	13.76	48.22	31.43	8.03	7.90	10.7	3.540	94.1	2.1	0.5
549	10/27/2016 09:51:06	13.71	48.25	31.45	8.10	7.91	9.7	3.586	94.9	2.4	0.6
550	10/27/2016 10:06:05	13.68	48.25	31.45	8.11	7.92	8.1	3.635	95.0	1.5	0.3
551	10/27/2016 10:21:06	13.67	48.28	31.47	8.16	7.93	6.7	3.706	95.5	2.2	0.5
552	10/27/2016 10:36:05	13.66	48.32	31.50	8.13	7.94	5.8	3.706	95.2	2.4	0.6
553	10/27/2016 10:51:06	13.68	48.02	31.29	8.02	7.93	6.1	3.718	93.8	2.3	0.6
554	10/27/2016 11:06:06	13.68	48.44	31.59	8.01	7.93	6.8	3.713	93.8	2.0	0.5
555	10/27/2016 11:21:05	13.68	48.43	31.58	8.02	7.93	8.3	3.686	94.0	2.2	0.5
556	10/27/2016 11:36:05	13.71	48.28	31.47	8.03	7.92	8.6	3.658	94.1	2.1	0.5
557	10/27/2016 11:51:06	13.81	47.68	31.04	7.97	7.88	9.1	3.595	93.4	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
558	10/27/2016 12:06:05	13.87	47.75	31.09	7.83	7.86	12.3	3.529	91.8	2.6	0.6
559	10/27/2016 12:21:05	13.88	47.14	30.65	8.00	7.88	13.7	3.443	93.6	2.0	0.5
560	10/27/2016 12:36:05	13.90	47.74	31.09	7.99	7.88	9.0	3.339	93.7	2.1	0.5
561	10/27/2016 12:51:06	13.92	47.67	31.04	7.95	7.86	11.6	3.233	93.3	3.0	0.7
562	10/27/2016 13:06:06	13.99	47.42	30.86	7.93	7.86	10.9	3.145	93.0	2.6	0.6
563	10/27/2016 13:21:05	14.00	47.38	30.83	7.95	7.85	9.4	3.037	93.3	2.4	0.6
564	10/27/2016 13:36:05	14.06	47.26	30.75	7.92	7.85	9.8	2.930	93.1	2.0	0.5
565	10/27/2016 13:51:06	14.14	47.19	30.70	7.90	7.84	9.4	2.853	92.9	1.9	0.4
566	10/27/2016 14:06:05	14.21	47.12	30.65	7.89	7.83	8.4	2.750	92.9	2.1	0.5
567	10/27/2016 14:21:05	14.22	47.21	30.71	7.84	7.82	8.9	2.628	92.4	2.1	0.5
568	10/27/2016 14:36:06	14.31	47.00	30.57	7.78	7.81	9.7	2.558	91.7	2.0	0.5
569	10/27/2016 14:51:06	14.37	46.95	30.53	7.81	7.81	9.0	2.445	92.3	2.3	0.6
570	10/27/2016 15:06:05	14.41	46.94	30.52	7.90	7.82	9.3	2.334	93.4	2.1	0.5
571	10/27/2016 15:21:05	14.51	46.74	30.38	7.98	7.83	9.4	2.261	94.4	1.7	0.4
572	10/27/2016 15:36:05	14.60	46.49	30.20	8.02	7.83	9.7	2.151	94.9	1.7	0.4
573	10/27/2016 15:51:05	14.67	46.45	30.17	8.10	7.83	9.0	2.075	96.0	2.1	0.5
574	10/27/2016 16:06:05	14.73	46.39	30.14	8.13	7.83	9.0	1.988	96.5	2.4	0.6
575	10/27/2016 16:21:05	14.75	46.27	30.05	8.16	7.83	8.8	1.949	96.8	2.5	0.6
576	10/27/2016 16:36:05	14.83	46.24	30.03	8.18	7.84	7.9	1.878	97.2	2.2	0.5
577	10/27/2016 16:51:05	14.86	46.25	30.03	8.18	7.83	8.7	1.857	97.3	2.1	0.5
578	10/27/2016 17:06:05	14.84	46.22	30.01	8.15	7.83	8.9	1.857	96.8	2.2	0.5
579	10/27/2016 17:21:05	14.65	46.23	30.02	8.01	7.81	8.1	1.842	94.8	2.2	0.5
580	10/27/2016 17:36:05	14.61	46.32	30.08	7.98	7.81	8.0	1.895	94.4	2.7	0.6
581	10/27/2016 17:51:06	14.62	46.35	30.10	8.03	7.81	8.8	1.945	95.0	2.7	0.6
582	10/27/2016 18:06:05	14.61	45.96	29.82	7.97	7.81	9.0	2.002	94.1	2.4	0.6
583	10/27/2016 18:21:06	14.61	45.31	29.35	7.91	7.79	9.6	2.077	93.2	2.4	0.6
584	10/27/2016 18:36:05	14.59	45.22	29.29	7.91	7.79	8.9	2.169	93.1	3.0	0.7
585	10/27/2016 18:51:05	14.57	45.49	29.48	7.89	7.79	9.4	2.258	93.0	3.1	0.7
586	10/27/2016 19:06:05	14.53	45.76	29.67	7.88	7.79	9.5	2.334	92.8	2.0	0.5
587	10/27/2016 19:21:05	14.44	46.04	29.87	7.81	7.79	10.3	2.416	92.0	2.4	0.6
588	10/27/2016 19:36:06	14.35	46.40	30.13	7.81	7.80	9.7	2.507	92.0	2.2	0.5
589	10/27/2016 19:51:06	14.29	46.62	30.29	7.79	7.81	10.4	2.582	91.7	2.6	0.6
590	10/27/2016 20:06:06	14.25	46.70	30.35	7.78	7.81	9.1	2.646	91.6	2.7	0.6
591	10/27/2016 20:21:05	14.23	46.82	30.43	7.79	7.81	8.9	2.734	91.7	2.4	0.6
592	10/27/2016 20:36:05	14.22	46.91	30.49	7.80	7.81	10.3	2.809	91.8	2.0	0.5
593	10/27/2016 20:51:05	14.17	46.95	30.52	7.82	7.82	9.7	2.878	91.9	2.5	0.6
594	10/27/2016 21:06:06	14.14	47.00	30.56	7.83	7.82	11.3	2.966	92.0	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
595	10/27/2016 21:21:05	14.11	47.07	30.61	7.87	7.83	13.7	3.048	92.4	2.8	0.7
596	10/27/2016 21:36:05	14.07	47.19	30.70	7.89	7.84	12.2	3.121	92.7	2.4	0.6
597	10/27/2016 21:51:06	14.03	47.32	30.79	7.88	7.85	12.9	3.197	92.5	2.3	0.5
598	10/27/2016 22:06:05	13.99	47.45	30.88	7.91	7.86	13.6	3.269	92.8	2.3	0.5
599	10/27/2016 22:21:05	13.96	47.52	30.93	7.95	7.87	13.0	3.326	93.3	3.1	0.7
600	10/27/2016 22:36:06	13.92	47.68	31.04	7.97	7.88	11.7	3.388	93.5	2.4	0.6
601	10/27/2016 22:51:06	13.87	47.84	31.16	8.07	7.90	10.1	3.435	94.6	2.4	0.6
602	10/27/2016 23:06:05	13.86	47.92	31.22	8.06	7.91	9.2	3.466	94.5	2.8	0.7
603	10/27/2016 23:21:05	13.85	47.96	31.25	8.06	7.91	5.2	3.485	94.5	2.5	0.6
604	10/27/2016 23:36:05	13.85	47.94	31.23	8.03	7.91	7.3	3.487	94.2	2.3	0.5
605	10/27/2016 23:51:05	13.84	47.98	31.26	8.06	7.91	7.3	3.450	94.6	2.2	0.5
606	10/28/2016 00:06:06	13.86	47.90	31.21	8.03	7.91	9.3	3.402	94.2	2.6	0.6
607	10/28/2016 00:21:05	13.96	47.55	30.95	7.81	7.86	10.0	3.347	91.7	2.8	0.7
608	10/28/2016 00:36:05	14.00	46.99	30.55	7.71	7.83	10.9	3.268	90.3	2.3	0.5
609	10/28/2016 00:51:05	14.01	47.39	30.84	7.82	7.85	8.4	3.181	91.9	2.5	0.6
610	10/28/2016 01:06:05	14.04	47.24	30.73	7.79	7.84	8.7	3.092	91.5	2.0	0.5
611	10/28/2016 01:21:05	14.12	46.88	30.47	7.67	7.82	8.9	2.989	90.0	2.5	0.6
612	10/28/2016 01:36:05	14.18	46.61	30.28	7.60	7.81	8.1	2.933	89.2	2.1	0.5
613	10/28/2016 01:51:05	14.22	46.47	30.18	7.56	7.80	8.1	2.827	88.8	1.9	0.4
614	10/28/2016 02:06:05	14.27	46.31	30.06	7.54	7.79	8.5	2.736	88.6	2.1	0.5
615	10/28/2016 02:21:06	14.30	46.18	29.97	7.57	7.79	7.8	2.664	89.0	2.4	0.6
616	10/28/2016 02:36:05	14.35	45.94	29.80	7.54	7.78	8.0	2.577	88.6	2.4	0.6
617	10/28/2016 02:51:06	14.34	46.13	29.94	7.54	7.78	8.3	2.481	88.6	2.3	0.6
618	10/28/2016 03:06:05	14.37	45.91	29.78	7.55	7.78	8.8	2.405	88.7	2.0	0.5
619	10/28/2016 03:21:05	14.39	45.89	29.77	7.55	7.77	8.4	2.316	88.8	2.6	0.6
620	10/28/2016 03:36:05	14.41	45.85	29.74	7.51	7.77	8.3	2.233	88.3	2.3	0.5
621	10/28/2016 03:51:05	14.42	45.79	29.70	7.51	7.77	8.2	2.170	88.3	2.3	0.5
622	10/28/2016 04:06:05	14.42	45.72	29.64	7.48	7.76	8.4	2.086	87.9	2.0	0.5
623	10/28/2016 04:21:05	14.41	45.75	29.66	7.41	7.76	8.3	2.036	87.1	2.5	0.6
624	10/28/2016 04:36:05	14.44	45.64	29.58	7.43	7.76	7.5	2.013	87.4	2.4	0.6
625	10/28/2016 04:51:06	14.44	45.63	29.58	7.25	7.76	6.8	1.980	85.2	2.1	0.5
626	10/28/2016 05:06:05	14.44	45.62	29.57	7.42	7.76	7.9	1.964	87.2	2.9	0.7
627	10/28/2016 05:21:06	14.41	45.66	29.60	7.46	7.76	7.8	1.991	87.6	2.4	0.6
628	10/28/2016 05:36:05	14.42	45.68	29.61	7.45	7.76	7.5	2.022	87.6	1.9	0.4
629	10/28/2016 05:51:05	14.41	45.70	29.63	7.47	7.76	7.3	2.084	87.8	2.4	0.6
630	10/28/2016 06:06:06	14.39	45.38	29.40	7.48	7.76	7.5	2.146	87.8	2.5	0.6
631	10/28/2016 06:21:05	14.39	45.31	29.35	7.46	7.76	8.9	2.224	87.5	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
632	10/28/2016 06:36:05	14.36	45.29	29.33	7.46	7.76	9.0	2.306	87.5	2.5	0.6
633	10/28/2016 06:51:05	14.36	45.35	29.37	7.46	7.76	8.6	2.384	87.5	2.6	0.6
634	10/28/2016 07:06:06	14.30	45.74	29.65	7.54	7.77	8.9	2.473	88.4	2.7	0.6
635	10/28/2016 07:21:06	14.24	45.86	29.74	7.54	7.78	9.1	2.547	88.4	2.5	0.6
636	10/28/2016 07:36:05	14.20	46.33	30.07	7.59	7.79	10.8	2.623	89.1	2.6	0.6
637	10/28/2016 07:51:05	14.19	46.42	30.14	7.63	7.79	9.8	2.701	89.5	2.4	0.6
638	10/28/2016 08:06:05	14.16	46.31	30.06	7.62	7.79	9.2	2.789	89.3	2.1	0.5
639	10/28/2016 08:21:06	14.12	46.55	30.24	7.66	7.80	11.5	2.869	89.8	2.0	0.5
640	10/28/2016 08:36:05	14.09	46.69	30.34	7.66	7.80	11.2	2.956	89.8	2.5	0.6
641	10/28/2016 08:51:06	14.05	46.71	30.34	7.68	7.81	12.6	3.056	90.0	2.4	0.6
642	10/28/2016 09:06:05	13.99	46.96	30.53	7.70	7.83	15.3	3.140	90.3	2.2	0.5
643	10/28/2016 09:21:05	13.91	47.13	30.65	7.78	7.85	15.6	3.237	91.1	2.8	0.7
644	10/28/2016 09:36:06	13.87	47.35	30.81	7.83	7.87	15.9	3.331	91.6	2.5	0.6
645	10/28/2016 09:51:05	13.82	47.65	31.02	7.92	7.89	11.7	3.419	92.8	2.7	0.6
646	10/28/2016 10:06:05	13.77	47.94	31.23	7.99	7.91	14.6	3.505	93.6	2.4	0.6
647	10/28/2016 10:21:06	13.73	48.22	31.43	8.11	7.94	12.5	3.590	95.0	2.7	0.6
648	10/28/2016 10:36:06	13.70	48.37	31.54	8.12	7.95	11.5	3.648	95.1	2.2	0.5
649	10/28/2016 10:51:06	13.69	48.44	31.59	8.15	7.96	7.5	3.704	95.6	2.3	0.5
650	10/28/2016 11:06:06	13.69	48.51	31.64	8.17	7.96	6.7	3.749	95.7	1.9	0.4
651	10/28/2016 11:21:05	13.69	48.55	31.67	8.12	7.96	5.0	3.771	95.2	1.7	0.4
652	10/28/2016 11:36:06	13.69	48.57	31.68	7.99	7.97	5.1	3.769	93.7	2.1	0.5
653	10/28/2016 11:51:05	13.69	48.57	31.69	8.07	7.96	5.9	3.753	94.7	1.4	0.3
654	10/28/2016 12:06:05	13.70	48.52	31.65	8.09	7.96	7.3	3.718	94.8	2.5	0.6
655	10/28/2016 12:21:05	14.04	47.82	31.15	7.94	7.91	9.3	3.644	93.4	2.2	0.5
656	10/28/2016 12:36:05	14.27	47.40	30.86	8.05	7.90	7.5	3.563	95.1	2.4	0.6
657	10/28/2016 12:51:06	14.26	47.53	30.94	7.99	7.89	7.2	3.475	94.4	2.0	0.5
658	10/28/2016 13:06:06	14.28	47.38	30.84	8.00	7.88	8.4	3.367	94.4	1.9	0.4
659	10/28/2016 13:21:06	14.32	47.12	30.65	7.90	7.86	9.0	3.274	93.3	1.9	0.4
660	10/28/2016 13:36:06	14.44	46.94	30.52	7.87	7.84	10.2	3.166	93.0	2.3	0.5
661	10/28/2016 13:51:05	14.51	46.71	30.36	7.87	7.83	10.0	3.055	93.1	2.0	0.5
662	10/28/2016 14:06:05	14.50	46.80	30.42	7.87	7.84	9.4	2.953	93.2	1.9	0.4
663	10/28/2016 14:21:06	14.54	46.57	30.26	7.85	7.83	8.3	2.846	92.9	2.2	0.5
664	10/28/2016 14:36:05	14.57	46.61	30.29	7.92	7.83	8.3	2.735	93.8	1.9	0.4
665	10/28/2016 14:51:05	14.62	46.36	30.11	7.91	7.82	7.8	2.620	93.6	2.0	0.5
666	10/28/2016 15:06:05	14.65	46.61	30.29	7.95	7.82	7.3	2.514	94.2	2.4	0.6
667	10/28/2016 15:21:05	14.71	46.07	29.90	7.92	7.80	9.1	2.400	93.8	2.3	0.5
668	10/28/2016 15:36:05	14.77	46.13	29.95	7.98	7.81	7.8	2.298	94.6	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
669	10/28/2016 15:51:05	14.84	45.92	29.79	7.98	7.81	8.3	2.181	94.7	2.0	0.5
670	10/28/2016 16:06:05	14.91	45.97	29.84	8.07	7.82	7.8	2.079	95.9	2.2	0.5
671	10/28/2016 16:21:05	14.97	45.86	29.76	8.14	7.82	7.8	1.978	96.8	2.3	0.5
672	10/28/2016 16:36:05	15.03	45.74	29.67	8.15	7.82	7.0	1.890	96.9	2.3	0.5
673	10/28/2016 16:51:05	15.11	45.66	29.61	8.23	7.82	7.0	1.815	98.0	2.4	0.6
674	10/28/2016 17:06:05	15.16	45.54	29.53	8.23	7.82	7.5	1.743	98.1	2.4	0.6
675	10/28/2016 17:21:05	15.21	45.45	29.47	8.18	7.82	6.7	1.712	97.6	2.3	0.5
676	10/28/2016 17:36:06	15.17	45.33	29.38	8.15	7.81	5.6	1.692	97.2	2.5	0.6
677	10/28/2016 17:51:05	15.15	45.28	29.35	8.13	7.81	5.9	1.687	96.8	2.7	0.6
678	10/28/2016 18:06:06	15.14	45.35	29.39	8.16	7.81	5.9	1.723	97.2	2.6	0.6
679	10/28/2016 18:21:06	15.07	45.40	29.43	8.11	7.80	5.7	1.775	96.5	2.0	0.5
680	10/28/2016 18:36:06	15.00	45.09	29.20	7.99	7.79	5.9	1.844	94.7	3.0	0.7
681	10/28/2016 18:51:05	15.00	44.61	28.86	7.95	7.77	7.0	1.917	94.1	3.3	0.8
682	10/28/2016 19:06:05	14.99	44.53	28.80	7.91	7.77	7.0	2.021	93.6	2.4	0.6
683	10/28/2016 19:21:05	14.95	44.99	29.13	7.90	7.77	6.8	2.112	93.6	3.1	0.7
684	10/28/2016 19:36:05	14.93	44.95	29.10	7.88	7.77	6.9	2.188	93.3	2.6	0.6
685	10/28/2016 19:51:06	14.86	45.18	29.27	7.84	7.77	8.1	2.275	92.8	2.4	0.6
686	10/28/2016 20:06:05	14.78	45.52	29.51	7.76	7.78	7.5	2.354	91.8	2.7	0.6
687	10/28/2016 20:21:05	14.70	45.76	29.68	7.73	7.78	7.8	2.435	91.4	2.4	0.6
688	10/28/2016 20:36:06	14.62	45.98	29.83	7.66	7.78	8.6	2.514	90.5	2.3	0.6
689	10/28/2016 20:51:06	14.59	45.98	29.83	7.65	7.78	8.4	2.587	90.4	2.7	0.6
690	10/28/2016 21:06:05	14.57	45.98	29.83	7.71	7.78	8.6	2.680	91.0	2.5	0.6
691	10/28/2016 21:21:05	14.54	46.07	29.90	7.72	7.79	9.7	2.755	91.2	2.6	0.6
692	10/28/2016 21:36:06	14.50	46.07	29.90	7.76	7.80	8.9	2.834	91.5	2.7	0.6
693	10/28/2016 21:51:06	14.49	46.29	30.06	7.77	7.81	11.1	2.924	91.7	2.8	0.7
694	10/28/2016 22:06:06	14.42	46.53	30.23	7.80	7.82	11.5	3.010	92.1	2.7	0.6
695	10/28/2016 22:21:06	14.36	46.69	30.34	7.82	7.83	15.5	3.092	92.2	2.5	0.6
696	10/28/2016 22:36:05	14.30	46.94	30.52	7.85	7.85	14.1	3.181	92.6	3.0	0.7
697	10/28/2016 22:51:05	14.25	47.20	30.70	7.89	7.86	12.1	3.256	93.0	2.7	0.6
698	10/28/2016 23:06:06	14.16	47.64	31.03	8.03	7.89	12.3	3.337	94.7	2.9	0.7
699	10/28/2016 23:21:06	14.10	47.84	31.17	8.08	7.91	11.8	3.401	95.3	2.0	0.5
700	10/28/2016 23:36:05	14.07	47.97	31.26	8.09	7.92	9.6	3.445	95.4	3.0	0.7
701	10/28/2016 23:51:05	14.05	48.06	31.32	8.10	7.93	7.7	3.492	95.5	2.5	0.6
702	10/29/2016 00:06:06	14.03	48.11	31.36	8.06	7.93	4.8	3.513	95.0	1.9	0.4
703	10/29/2016 00:21:05	14.04	48.07	31.33	7.96	7.93	5.7	3.524	93.9	2.6	0.6
704	10/29/2016 00:36:05	14.03	48.10	31.36	8.01	7.93	6.4	3.488	94.4	2.5	0.6
705	10/29/2016 00:51:06	14.05	48.05	31.32	8.03	7.93	7.3	3.453	94.7	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
706	10/29/2016 01:06:05	14.12	47.71	31.07	7.90	7.90	9.3	3.398	93.1	1.9	0.5
707	10/29/2016 01:21:06	14.27	46.90	30.49	7.64	7.84	9.9	3.315	90.0	2.7	0.7
708	10/29/2016 01:36:05	14.20	47.22	30.72	7.79	7.86	8.1	3.235	91.8	2.5	0.6
709	10/29/2016 01:51:05	14.24	47.05	30.60	7.76	7.85	7.8	3.120	91.5	2.5	0.6
710	10/29/2016 02:06:06	14.33	46.67	30.32	7.65	7.83	9.1	3.025	90.1	2.9	0.7
711	10/29/2016 02:21:05	14.35	46.59	30.27	7.61	7.82	8.4	2.966	89.7	2.8	0.7
712	10/29/2016 02:36:05	14.38	46.45	30.17	7.54	7.80	8.1	2.860	88.9	2.8	0.7
713	10/29/2016 02:51:05	14.41	46.36	30.10	7.50	7.79	7.7	2.780	88.4	2.5	0.6
714	10/29/2016 03:06:05	14.44	46.22	30.00	7.44	7.78	7.4	2.674	87.7	2.2	0.5
715	10/29/2016 03:21:05	14.49	45.86	29.75	7.40	7.76	7.3	2.621	87.2	1.8	0.4
716	10/29/2016 03:36:05	14.52	45.58	29.54	7.42	7.76	7.5	2.545	87.3	2.3	0.5
717	10/29/2016 03:51:05	14.53	45.57	29.54	7.35	7.75	7.9	2.451	86.5	2.0	0.5
718	10/29/2016 04:06:05	14.55	45.44	29.45	7.36	7.75	8.5	2.365	86.7	2.7	0.6
719	10/29/2016 04:21:05	14.56	45.40	29.42	7.39	7.75	7.2	2.324	87.0	1.8	0.4
720	10/29/2016 04:36:05	14.55	45.34	29.37	7.35	7.74	8.0	2.256	86.5	2.1	0.5
721	10/29/2016 04:51:05	14.57	45.18	29.26	7.36	7.74	7.1	2.231	86.6	2.4	0.6
722	10/29/2016 05:06:05	14.57	45.20	29.27	7.32	7.74	7.2	2.140	86.2	2.7	0.6
723	10/29/2016 05:21:06	14.59	45.14	29.23	7.30	7.74	7.0	2.142	85.9	2.5	0.6
724	10/29/2016 05:36:06	14.60	45.12	29.22	7.27	7.74	5.6	2.111	85.5	3.1	0.7
725	10/29/2016 05:51:06	14.60	45.09	29.19	7.37	7.74	7.0	2.122	86.7	2.7	0.6
726	10/29/2016 06:06:05	14.59	45.13	29.22	7.35	7.74	6.4	2.084	86.5	2.5	0.6
727	10/29/2016 06:21:06	14.57	45.16	29.24	7.35	7.74	7.0	2.140	86.5	2.3	0.5
728	10/29/2016 06:36:06	14.56	45.20	29.27	7.37	7.74	7.1	2.200	86.7	2.0	0.5
729	10/29/2016 06:51:05	14.54	45.21	29.28	7.34	7.73	6.7	2.237	86.3	2.2	0.5
730	10/29/2016 07:06:05	14.53	45.12	29.21	7.36	7.73	6.8	2.366	86.4	2.0	0.5
731	10/29/2016 07:21:06	14.52	45.02	29.14	7.35	7.74	8.0	2.416	86.3	2.6	0.6
732	10/29/2016 07:36:06	14.51	45.12	29.22	7.37	7.74	9.2	2.514	86.6	2.2	0.5
733	10/29/2016 07:51:05	14.48	45.40	29.41	7.39	7.75	9.1	2.594	86.9	2.0	0.5
734	10/29/2016 08:06:05	14.44	45.64	29.59	7.44	7.76	8.9	2.681	87.4	2.5	0.6
735	10/29/2016 08:21:05	14.41	46.14	29.95	7.52	7.78	10.1	2.776	88.6	2.5	0.6
736	10/29/2016 08:36:05	14.39	46.34	30.09	7.57	7.79	9.2	2.845	89.2	2.1	0.5
737	10/29/2016 08:51:05	14.39	46.45	30.17	7.58	7.79	9.9	2.959	89.3	2.3	0.5
738	10/29/2016 09:06:06	14.34	46.66	30.32	7.61	7.81	11.1	2.993	89.7	2.4	0.6
739	10/29/2016 09:21:05	14.29	46.79	30.41	7.63	7.82	12.4	3.154	89.9	2.2	0.5
740	10/29/2016 09:36:06	14.22	46.98	30.54	7.68	7.84	12.8	3.166	90.5	2.7	0.6
741	10/29/2016 09:51:05	14.15	47.17	30.69	7.77	7.86	17.0	3.319	91.4	2.3	0.5
742	10/29/2016 10:06:05	14.08	47.44	30.88	7.88	7.88	13.3	3.383	92.6	2.7	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	Fluorescence %FS
743	10/29/2016 10:21:05	14.01	47.64	31.02	7.93	7.90	12.2	3.519	93.3	2.2	0.5
744	10/29/2016 10:36:05	13.94	47.84	31.16	8.00	7.91	12.4	3.554	94.0	2.4	0.6
745	10/29/2016 10:51:06	13.86	48.08	31.34	8.05	7.93	12.8	3.656	94.5	2.1	0.5
746	10/29/2016 11:06:05	13.80	48.26	31.46	8.19	7.94	9.3	3.700	96.1	2.4	0.6
747	10/29/2016 11:21:05	13.77	48.37	31.54	8.27	7.95	8.4	3.737	97.1	1.8	0.4
748	10/29/2016 11:36:05	13.75	48.46	31.60	8.41	7.96	7.4	3.808	98.7	1.5	0.4
749	10/29/2016 11:51:05	13.71	48.52	31.65	8.52	7.96	7.0	3.828	99.9	1.7	0.4
750	10/29/2016 12:06:05	13.69	48.55	31.67	8.45	7.96	7.8	3.793	99.1	2.1	0.5
751	10/29/2016 12:21:06	13.72	48.52	31.65	8.42	7.96	6.9	3.818	98.8	1.8	0.4
752	10/29/2016 12:36:06	13.81	48.32	31.51	8.28	7.95	9.8	3.769	97.2	1.8	0.4
753	10/29/2016 12:51:06	14.21	47.65	31.03	7.89	7.90	8.3	3.705	93.2	2.4	0.6
754	10/29/2016 13:06:05	14.28	47.68	31.05	8.01	7.90	7.6	3.624	94.7	2.5	0.6
755	10/29/2016 13:21:05	14.35	47.45	30.89	8.06	7.88	6.4	3.535	95.3	2.1	0.5
756	10/29/2016 13:36:05	14.37	47.39	30.85	8.05	7.88	7.3	3.425	95.2	1.8	0.4
757	10/29/2016 13:51:05	14.46	47.14	30.67	7.89	7.86	8.1	3.346	93.4	2.4	0.6
758	10/29/2016 14:06:06	14.60	46.81	30.43	7.85	7.84	7.5	3.210	93.1	1.9	0.4
759	10/29/2016 14:21:06	14.60	46.82	30.44	7.85	7.85	7.0	3.096	93.1	2.2	0.5
760	10/29/2016 14:36:06	14.64	46.69	30.35	7.79	7.84	7.3	3.014	92.4	2.6	0.6
761	10/29/2016 14:51:06	14.66	46.39	30.13	7.69	7.81	8.3	2.912	91.1	2.5	0.6
762	10/29/2016 15:06:06	14.66	46.34	30.10	7.73	7.81	7.3	2.833	91.6	1.5	0.4
763	10/29/2016 15:21:05	14.67	46.65	30.32	7.86	7.83	6.6	2.676	93.2	2.4	0.6
764	10/29/2016 15:36:06	14.70	46.52	30.22	7.85	7.83	7.0	2.593	93.1	1.8	0.4
765	10/29/2016 15:51:05	14.78	46.23	30.02	7.81	7.82	6.7	2.487	92.7	2.1	0.5
766	10/29/2016 16:06:05	14.84	45.96	29.82	7.78	7.80	7.2	2.366	92.4	1.9	0.4
767	10/29/2016 16:21:06	14.91	46.13	29.95	7.88	7.81	7.3	2.263	93.7	2.6	0.6
768	10/29/2016 16:36:06	14.93	45.86	29.75	7.82	7.80	8.2	2.188	92.9	2.1	0.5
769	10/29/2016 16:51:06	14.96	45.67	29.62	7.81	7.79	7.9	2.037	92.8	2.4	0.6
770	10/29/2016 17:06:05	15.02	45.54	29.52	7.88	7.80	7.9	1.954	93.7	3.0	0.7
771	10/29/2016 17:21:05	15.03	45.27	29.33	7.88	7.78	6.9	1.899	93.6	2.7	0.6
772	10/29/2016 17:36:06	15.05	45.22	29.30	7.89	7.79	6.5	1.813	93.8	2.6	0.6
773	10/29/2016 17:51:05	15.05	45.06	29.18	7.85	7.78	7.1	1.710	93.1	2.9	0.7
774	10/29/2016 18:06:06	15.04	44.94	29.10	7.79	7.77	5.8	1.721	92.5	2.1	0.5
775	10/29/2016 18:21:05	15.03	44.88	29.05	7.80	7.77	6.7	1.726	92.5	2.2	0.5
776	10/29/2016 18:36:05	15.01	44.88	29.05	7.84	7.77	6.5	1.679	92.9	2.7	0.7
777	10/29/2016 18:51:06	14.99	44.95	29.10	7.81	7.77	6.3	1.701	92.6	3.1	0.7
778	10/29/2016 19:06:05	14.98	45.04	29.17	7.75	7.76	6.1	1.700	91.9	2.4	0.6
779	10/29/2016 19:21:05	14.96	45.06	29.18	7.79	7.77	6.1	1.821	92.3	2.7	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	Fluorescence %FS
780	10/29/2016 19:36:06	14.94	44.87	29.05	7.75	7.76	6.3	1.891	91.7	2.6	0.6
781	10/29/2016 19:51:06	14.96	44.75	28.96	7.70	7.75	6.7	1.979	91.1	2.3	0.5
782	10/29/2016 20:06:06	14.96	44.82	29.01	7.69	7.75	7.0	2.099	91.0	3.3	0.8
783	10/29/2016 20:21:06	14.95	44.79	28.99	7.67	7.75	7.1	2.195	90.8	2.2	0.5
784	10/29/2016 20:36:06	14.93	44.94	29.09	7.65	7.75	7.4	2.276	90.6	2.6	0.6
785	10/29/2016 20:51:06	14.81	45.43	29.45	7.61	7.76	7.8	2.381	90.0	2.6	0.6
786	10/29/2016 21:06:06	14.72	45.80	29.71	7.56	7.77	8.8	2.468	89.5	2.3	0.5
787	10/29/2016 21:21:05	14.69	45.93	29.80	7.58	7.77	8.6	2.569	89.7	2.5	0.6
788	10/29/2016 21:36:05	14.65	46.06	29.90	7.61	7.78	7.8	2.636	90.0	2.5	0.6
789	10/29/2016 21:51:06	14.65	46.15	29.96	7.60	7.78	8.6	2.707	90.0	2.5	0.6
790	10/29/2016 22:06:06	14.62	46.24	30.02	7.62	7.79	9.9	2.798	90.2	3.2	0.8
791	10/29/2016 22:21:06	14.57	46.40	30.13	7.65	7.80	12.0	2.884	90.5	2.9	0.7
792	10/29/2016 22:36:05	14.51	46.56	30.25	7.71	7.81	12.0	2.946	91.1	2.4	0.6
793	10/29/2016 22:51:06	14.42	46.76	30.39	7.82	7.83	11.2	3.064	92.3	2.8	0.7
794	10/29/2016 23:06:05	14.34	46.93	30.52	7.89	7.85	12.3	3.152	93.1	2.8	0.7
795	10/29/2016 23:21:05	14.21	47.28	30.76	8.05	7.87	12.6	3.238	94.9	2.1	0.5
796	10/29/2016 23:36:05	14.13	47.51	30.93	8.19	7.89	11.7	3.301	96.5	2.7	0.6
797	10/29/2016 23:51:05	14.09	47.67	31.04	8.29	7.90	10.2	3.369	97.7	2.3	0.5
798	10/30/2016 00:06:05	13.99	48.16	31.39	8.47	7.93	10.3	3.428	99.7	2.4	0.6
799	10/30/2016 00:21:05	13.95	48.37	31.54	8.57	7.94	9.2	3.462	101.0	2.1	0.5
800	10/30/2016 00:36:05	13.92	48.48	31.63	8.60	7.94	7.8	3.495	101.3	2.3	0.5
801	10/30/2016 00:51:05	13.90	48.58	31.70	8.61	7.95	6.0	3.525	101.4	2.7	0.6
802	10/30/2016 01:06:05	13.90	48.58	31.70	8.50	7.95	6.8	3.508	100.1	2.5	0.6
803	10/30/2016 01:21:05	13.90	48.59	31.70	8.56	7.95	6.7	3.480	100.8	1.9	0.5
804	10/30/2016 01:36:05	13.93	48.47	31.62	8.54	7.94	7.8	3.430	100.6	2.1	0.5
805	10/30/2016 01:51:06	14.19	47.10	30.64	7.98	7.86	8.3	3.393	93.9	2.5	0.6
806	10/30/2016 02:06:05	14.30	46.86	30.46	7.76	7.83	8.3	3.319	91.4	2.5	0.6
807	10/30/2016 02:21:05	14.25	47.00	30.56	7.86	7.84	9.2	3.201	92.6	2.4	0.6
808	10/30/2016 02:36:05	14.36	46.51	30.21	7.74	7.82	9.4	3.135	91.2	2.4	0.6
809	10/30/2016 02:51:06	14.39	46.44	30.16	7.73	7.82	8.3	3.046	91.1	2.3	0.5
810	10/30/2016 03:06:06	14.43	46.27	30.04	7.73	7.81	7.7	2.958	91.1	2.1	0.5
811	10/30/2016 03:21:05	14.45	46.04	29.88	7.68	7.80	7.6	2.865	90.5	2.4	0.6
812	10/30/2016 03:36:06	14.46	45.89	29.77	7.66	7.79	7.9	2.790	90.2	2.2	0.5
813	10/30/2016 03:51:06	14.47	45.84	29.73	7.62	7.79	8.1	2.706	89.7	2.4	0.6
814	10/30/2016 04:06:05	14.51	45.57	29.54	7.56	7.77	7.9	2.617	89.0	2.2	0.5
815	10/30/2016 04:21:06	14.53	45.30	29.34	7.59	7.76	8.3	2.529	89.2	2.9	0.7
816	10/30/2016 04:36:06	14.54	45.16	29.24	7.59	7.76	10.4	2.481	89.2	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
817	10/30/2016 04:51:06	14.55	45.02	29.14	7.55	7.75	11.6	2.416	88.7	2.3	0.5
818	10/30/2016 05:06:06	14.56	44.94	29.09	7.55	7.75	12.0	2.347	88.6	2.6	0.6
819	10/30/2016 05:21:06	14.57	44.95	29.09	7.52	7.75	11.1	2.292	88.3	2.2	0.5
820	10/30/2016 05:36:05	14.57	44.87	29.04	7.49	7.74	10.6	2.251	88.0	2.6	0.6
821	10/30/2016 05:51:05	14.56	44.84	29.01	7.50	7.74	10.3	2.215	88.1	2.8	0.7
822	10/30/2016 06:06:06	14.64	45.21	29.28	7.46	7.75	7.0	2.198	87.9	2.0	0.5
823	10/30/2016 06:21:05	14.62	45.34	29.38	7.44	7.75	7.2	2.185	87.7	1.7	0.4
824	10/30/2016 06:36:06	14.62	45.34	29.37	7.48	7.75	7.2	2.207	88.1	2.4	0.6
825	10/30/2016 06:51:05	14.60	45.29	29.34	7.51	7.75	8.3	2.247	88.4	2.3	0.5
826	10/30/2016 07:06:05	14.55	45.16	29.24	7.51	7.75	8.4	2.303	88.4	2.2	0.5
827	10/30/2016 07:21:05	14.51	44.95	29.09	7.58	7.75	8.1	2.340	89.0	2.5	0.6
828	10/30/2016 07:36:06	14.52	45.04	29.15	7.53	7.75	8.1	2.418	88.5	2.8	0.7
829	10/30/2016 07:51:06	14.51	45.15	29.23	7.52	7.75	10.2	2.504	88.4	2.4	0.6
830	10/30/2016 08:06:05	14.46	45.17	29.25	7.55	7.76	8.6	2.554	88.6	2.8	0.7
831	10/30/2016 08:21:05	14.40	45.85	29.73	7.62	7.78	9.7	2.639	89.5	2.2	0.5
832	10/30/2016 08:36:06	14.38	46.10	29.92	7.66	7.80	10.8	2.718	90.1	2.5	0.6
833	10/30/2016 08:51:06	14.36	46.32	30.08	7.73	7.81	10.1	2.802	91.0	2.9	0.7
834	10/30/2016 09:06:05	14.36	46.47	30.18	7.76	7.81	9.3	2.887	91.4	1.8	0.4
835	10/30/2016 09:21:06	14.31	46.64	30.30	7.82	7.83	9.9	2.983	92.1	1.9	0.5
836	10/30/2016 09:36:06	14.22	47.02	30.58	7.93	7.85	11.6	3.071	93.4	2.0	0.5
837	10/30/2016 09:51:05	14.15	47.22	30.72	8.01	7.86	13.3	3.175	94.3	2.3	0.6
838	10/30/2016 10:06:05	14.08	47.50	30.92	8.14	7.88	12.8	3.273	95.8	2.2	0.5
839	10/30/2016 10:21:06	14.01	47.71	31.07	8.18	7.89	10.4	3.348	96.2	2.5	0.6
840	10/30/2016 10:36:05	13.96	47.91	31.21	8.25	7.91	10.0	3.454	97.0	2.0	0.5
841	10/30/2016 10:51:05	13.89	48.12	31.37	8.34	7.92	10.1	3.556	98.0	1.9	0.4
842	10/30/2016 11:06:06	13.81	48.34	31.52	8.37	7.93	9.5	3.612	98.3	1.9	0.5
843	10/30/2016 11:21:06	13.75	48.48	31.62	8.42	7.94	8.9	3.700	98.8	2.2	0.5
844	10/30/2016 11:36:05	13.69	48.63	31.73	8.43	7.95	8.6	3.766	98.9	1.8	0.4
845	10/30/2016 11:51:06	13.66	48.69	31.77	8.44	7.95	7.0	3.820	98.9	2.3	0.5
846	10/30/2016 12:06:05	13.62	48.82	31.86	8.45	7.95	6.6	3.836	99.1	1.8	0.4
847	10/30/2016 12:21:05	13.60	48.89	31.91	8.44	7.96	5.6	3.869	99.0	1.4	0.3
848	10/30/2016 12:36:06	13.62	48.86	31.89	8.35	7.96	5.5	3.884	98.0	1.7	0.4
849	10/30/2016 12:51:05	13.61	48.86	31.89	8.40	7.95	6.2	3.853	98.5	1.7	0.4
850	10/30/2016 13:06:05	13.60	48.88	31.91	8.45	7.96	7.1	3.808	99.1	1.8	0.4
851	10/30/2016 13:21:05	13.71	48.54	31.66	8.38	7.94	7.0	3.755	98.3	1.9	0.5
852	10/30/2016 13:36:05	13.77	48.39	31.56	8.28	7.93	9.0	3.669	97.2	2.1	0.5
853	10/30/2016 13:51:06	13.93	47.80	31.13	8.26	7.91	7.9	3.571	97.0	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
854	10/30/2016 14:06:06	14.02	47.43	30.87	8.15	7.89	6.8	3.474	95.7	1.8	0.4
855	10/30/2016 14:21:06	14.16	47.02	30.57	8.10	7.87	7.0	3.366	95.3	2.0	0.5
856	10/30/2016 14:36:05	14.23	46.72	30.36	7.98	7.85	6.9	3.257	93.9	2.0	0.5
857	10/30/2016 14:51:06	14.27	46.50	30.21	8.00	7.84	6.8	3.147	94.1	2.4	0.6
858	10/30/2016 15:06:06	14.30	46.28	30.05	7.92	7.83	6.5	3.026	93.1	2.0	0.5
859	10/30/2016 15:21:06	14.38	46.00	29.84	7.91	7.82	7.0	2.914	93.0	1.9	0.5
860	10/30/2016 15:36:06	14.44	45.94	29.81	7.90	7.81	7.6	2.813	93.0	2.3	0.5
861	10/30/2016 15:51:06	14.47	46.04	29.87	7.89	7.82	8.1	2.687	92.9	2.6	0.6
862	10/30/2016 16:06:06	14.46	46.48	30.19	8.01	7.84	7.8	2.569	94.6	2.4	0.6
863	10/30/2016 16:21:06	14.49	46.19	29.98	8.05	7.83	8.0	2.454	94.9	2.6	0.6
864	10/30/2016 16:36:06	14.54	46.07	29.90	7.97	7.82	8.4	2.344	94.0	2.5	0.6
865	10/30/2016 16:51:06	14.56	45.88	29.76	7.96	7.81	8.3	2.235	93.9	2.5	0.6
866	10/30/2016 17:06:05	14.58	45.69	29.63	7.95	7.81	10.4	2.114	93.7	2.6	0.6
867	10/30/2016 17:21:05	14.59	45.42	29.43	7.96	7.80	9.9	2.002	93.7	2.4	0.6
868	10/30/2016 17:36:06	14.60	45.10	29.20	7.91	7.79	8.7	1.922	93.1	2.8	0.7
869	10/30/2016 17:51:05	14.59	45.11	29.21	7.92	7.79	9.5	1.808	93.1	2.4	0.6
870	10/30/2016 18:06:05	14.59	44.99	29.12	7.93	7.78	10.3	1.733	93.3	2.7	0.6
871	10/30/2016 18:21:05	14.58	44.91	29.06	7.93	7.79	10.4	1.691	93.2	3.3	0.8
872	10/30/2016 18:36:06	14.57	44.78	28.97	7.92	7.78	9.7	1.642	93.0	2.1	0.5
873	10/30/2016 18:51:06	14.58	44.69	28.91	7.82	7.77	8.1	1.619	91.8	2.5	0.6
874	10/30/2016 19:06:06	14.57	44.68	28.90	7.90	7.77	9.6	1.645	92.8	2.6	0.6
875	10/30/2016 19:21:06	14.57	44.77	28.96	7.92	7.77	8.6	1.668	93.0	2.9	0.7
876	10/30/2016 19:36:06	14.57	44.81	28.99	7.90	7.77	9.7	1.718	92.7	2.9	0.7
877	10/30/2016 19:51:06	14.56	44.80	28.99	7.88	7.77	12.7	1.798	92.5	2.6	0.6
878	10/30/2016 20:06:06	14.55	44.34	28.65	7.85	7.76	12.1	1.889	91.9	2.9	0.7
879	10/30/2016 20:21:06	14.57	44.52	28.79	7.86	7.76	8.8	1.970	92.1	2.3	0.6
880	10/30/2016 20:36:06	14.57	44.59	28.83	7.83	7.76	8.8	2.065	91.8	2.6	0.6
881	10/30/2016 20:51:06	14.55	44.58	28.83	7.81	7.77	9.1	2.162	91.6	2.8	0.7
882	10/30/2016 21:06:06	14.54	44.81	28.99	7.81	7.77	8.7	2.240	91.6	2.9	0.7
883	10/30/2016 21:21:06	14.51	45.11	29.21	7.84	7.78	8.3	2.330	92.0	2.6	0.6
884	10/30/2016 21:36:06	14.46	45.33	29.36	7.84	7.78	8.4	2.419	92.1	2.7	0.6
885	10/30/2016 21:51:06	14.46	45.51	29.50	7.84	7.78	9.8	2.507	92.1	2.7	0.6
886	10/30/2016 22:06:06	14.45	45.61	29.57	7.84	7.79	9.8	2.590	92.2	2.4	0.6
887	10/30/2016 22:21:05	14.42	45.70	29.63	7.84	7.79	10.3	2.678	92.2	3.0	0.7
888	10/30/2016 22:36:06	14.39	45.83	29.72	7.86	7.79	9.7	2.767	92.4	2.2	0.5
889	10/30/2016 22:51:06	14.36	45.94	29.80	7.84	7.80	10.3	2.843	92.1	2.7	0.6
890	10/30/2016 23:06:06	14.32	46.10	29.92	7.86	7.81	11.1	2.944	92.4	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
891	10/30/2016 23:21:06	14.27	46.32	30.07	7.90	7.82	13.9	3.027	92.9	2.8	0.7
892	10/30/2016 23:36:06	14.19	46.56	30.24	7.99	7.84	12.9	3.107	93.8	2.7	0.6
893	10/30/2016 23:51:05	14.14	46.75	30.38	8.02	7.85	12.3	3.202	94.1	2.7	0.6
894	10/31/2016 00:06:05	14.03	47.14	30.65	8.12	7.87	11.4	3.294	95.3	2.4	0.6
895	10/31/2016 00:21:05	13.97	47.42	30.86	8.16	7.88	13.8	3.365	95.7	2.7	0.6
896	10/31/2016 00:36:06	13.88	47.67	31.04	8.19	7.90	11.5	3.431	96.0	2.7	0.6
897	10/31/2016 00:51:05	13.84	47.82	31.14	8.21	7.90	9.5	3.486	96.3	2.0	0.5
898	10/31/2016 01:06:05	13.83	47.89	31.20	8.25	7.91	8.9	3.527	96.7	2.4	0.6
899	10/31/2016 01:21:06	13.81	47.95	31.24	8.26	7.91	6.7	3.543	96.8	2.6	0.6
900	10/31/2016 01:36:06	13.80	47.95	31.24	8.16	7.91	6.6	3.541	95.7	2.3	0.5
901	10/31/2016 01:51:05	13.80	47.95	31.24	8.22	7.91	7.1	3.538	96.3	1.8	0.4
902	10/31/2016 02:06:06	13.81	47.93	31.22	8.21	7.91	7.8	3.488	96.3	1.8	0.4
903	10/31/2016 02:21:06	13.89	47.11	30.63	8.04	7.87	9.7	3.424	94.0	2.0	0.5
904	10/31/2016 02:36:06	13.95	46.80	30.41	7.86	7.84	13.2	3.353	92.0	2.2	0.5
905	10/31/2016 02:51:06	13.88	47.05	30.59	7.96	7.86	9.7	3.274	93.1	2.0	0.5
906	10/31/2016 03:06:06	13.95	46.74	30.36	7.91	7.84	9.6	3.177	92.5	2.3	0.5
907	10/31/2016 03:21:06	14.01	46.39	30.12	7.83	7.82	8.6	3.103	91.6	2.0	0.5
908	10/31/2016 03:36:06	14.03	46.24	30.01	7.77	7.81	8.1	3.013	90.8	2.7	0.6
909	10/31/2016 03:51:06	14.01	45.84	29.72	7.69	7.79	8.7	2.925	89.6	2.2	0.5
910	10/31/2016 04:06:05	14.03	45.83	29.71	7.67	7.79	8.4	2.863	89.5	2.1	0.5
911	10/31/2016 04:21:06	14.00	45.41	29.41	7.65	7.78	8.4	2.777	89.0	2.4	0.6
912	10/31/2016 04:36:06	13.98	45.34	29.36	7.60	7.77	8.1	2.704	88.3	2.4	0.6
913	10/31/2016 04:51:05	13.98	45.15	29.23	7.55	7.76	8.4	2.642	87.8	2.4	0.6
914	10/31/2016 05:06:06	13.98	45.03	29.14	7.55	7.75	8.4	2.574	87.6	2.7	0.6
915	10/31/2016 05:21:06	13.95	44.97	29.09	7.49	7.75	9.1	2.523	86.9	2.2	0.5
916	10/31/2016 05:36:06	13.93	44.94	29.07	7.47	7.74	9.0	2.452	86.6	2.7	0.6
917	10/31/2016 05:51:06	13.93	44.85	29.01	7.47	7.74	8.4	2.412	86.6	2.7	0.6
918	10/31/2016 06:06:06	13.91	44.87	29.02	7.50	7.74	8.5	2.375	86.9	2.5	0.6
919	10/31/2016 06:21:05	13.91	44.83	28.99	7.47	7.74	8.1	2.338	86.5	2.6	0.6
920	10/31/2016 06:36:05	13.93	44.79	28.96	7.48	7.74	8.6	2.322	86.7	2.0	0.5
921	10/31/2016 06:51:05	14.16	45.14	29.22	7.63	7.77	6.6	2.317	89.0	2.5	0.6
922	10/31/2016 07:06:05	14.14	45.19	29.25	7.62	7.76	6.8	2.329	88.9	2.4	0.6
923	10/31/2016 07:21:06	14.08	45.18	29.25	7.59	7.76	7.3	2.343	88.4	2.1	0.5
924	10/31/2016 07:36:05	14.05	45.17	29.24	7.59	7.76	7.8	2.389	88.3	1.9	0.5
925	10/31/2016 07:51:06	13.99	44.93	29.06	7.65	7.76	7.8	2.443	88.8	1.8	0.4
926	10/31/2016 08:06:06	14.02	45.07	29.16	7.62	7.76	7.9	2.486	88.6	2.4	0.6
927	10/31/2016 08:21:06	14.04	45.23	29.28	7.64	7.76	9.0	2.570	88.9	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
928	10/31/2016 08:36:05	14.05	45.25	29.30	7.65	7.77	9.3	2.646	89.0	1.8	0.4
929	10/31/2016 08:51:05	14.00	45.23	29.28	7.69	7.78	9.3	2.715	89.4	2.5	0.6
930	10/31/2016 09:06:05	13.99	45.70	29.62	7.71	7.79	9.6	2.794	89.8	2.5	0.6
931	10/31/2016 09:21:05	14.02	46.05	29.87	7.83	7.81	10.6	2.878	91.5	2.0	0.5
932	10/31/2016 09:36:05	14.03	46.23	30.00	7.86	7.81	11.2	2.957	91.9	2.3	0.5
933	10/31/2016 09:51:05	14.01	46.37	30.10	7.91	7.82	10.9	3.036	92.5	2.1	0.5
934	10/31/2016 10:06:06	13.98	46.69	30.33	7.97	7.84	11.9	3.128	93.2	2.6	0.6
935	10/31/2016 10:21:06	13.92	46.95	30.52	8.00	7.86	12.7	3.210	93.6	1.9	0.5
936	10/31/2016 10:36:06	13.89	47.07	30.61	8.03	7.87	14.3	3.296	93.9	2.3	0.6
937	10/31/2016 10:51:06	13.82	47.21	30.70	8.13	7.88	12.6	3.391	95.0	2.2	0.5
938	10/31/2016 11:06:06	13.79	47.41	30.85	8.20	7.91	10.9	3.474	95.8	1.8	0.4
939	10/31/2016 11:21:06	13.77	47.52	30.93	8.27	7.92	10.3	3.559	96.7	2.2	0.5
940	10/31/2016 11:36:06	13.74	47.60	30.99	8.30	7.93	9.8	3.637	97.0	2.0	0.5
941	10/31/2016 11:51:06	13.73	47.61	30.99	8.36	7.94	8.1	3.702	97.7	1.8	0.4
942	10/31/2016 12:06:05	13.71	47.69	31.05	8.39	7.95	8.3	3.760	98.1	1.8	0.4
943	10/31/2016 12:21:06	13.70	47.68	31.04	8.42	7.95	7.2	3.809	98.3	2.2	0.5
944	10/31/2016 12:36:05	13.69	47.75	31.09	8.43	7.96	7.5	3.839	98.5	1.5	0.4
945	10/31/2016 12:51:06	13.69	47.76	31.10	8.39	7.96	5.6	3.859	98.1	1.8	0.4
946	10/31/2016 13:06:05	13.71	47.66	31.02	8.32	7.95	6.8	3.854	97.2	1.6	0.4
947	10/31/2016 13:21:06	13.68	47.75	31.09	8.38	7.96	6.4	3.840	97.9	1.6	0.4
948	10/31/2016 13:36:06	13.68	47.74	31.08	8.39	7.96	7.3	3.779	98.1	2.3	0.5
949	10/31/2016 13:51:06	13.75	47.26	30.74	8.26	7.92	8.6	3.710	96.4	2.0	0.5
950	10/31/2016 14:06:06	13.79	46.89	30.47	8.22	7.89	7.5	3.624	95.9	2.3	0.5
951	10/31/2016 14:21:05	13.84	46.76	30.38	8.19	7.88	8.0	3.519	95.6	2.8	0.7
952	10/31/2016 14:36:06	13.88	46.42	30.13	8.20	7.87	9.2	3.415	95.6	2.2	0.5
953	10/31/2016 14:51:06	13.90	46.34	30.08	8.15	7.86	9.4	3.317	95.0	2.5	0.6
954	10/31/2016 15:06:06	13.90	46.20	29.97	8.11	7.85	8.9	3.202	94.6	2.5	0.6
955	10/31/2016 15:21:05	13.88	45.60	29.54	8.14	7.83	9.2	3.100	94.5	2.8	0.7
956	10/31/2016 15:36:05	13.88	45.65	29.58	8.15	7.83	8.6	2.990	94.7	2.7	0.6
957	10/31/2016 15:51:06	13.89	45.69	29.60	8.11	7.83	8.6	2.886	94.3	2.5	0.6
958	10/31/2016 16:06:06	13.89	45.30	29.33	8.09	7.81	8.9	2.770	93.9	2.0	0.5
959	10/31/2016 16:21:06	13.92	45.32	29.34	8.07	7.81	9.5	2.654	93.7	2.8	0.7
960	10/31/2016 16:36:05	13.93	45.56	29.51	8.08	7.82	9.9	2.551	93.9	2.1	0.5
961	10/31/2016 16:51:05	13.94	45.43	29.42	8.10	7.82	9.5	2.440	94.2	2.4	0.6
962	10/31/2016 17:06:05	13.94	45.10	29.19	8.11	7.81	9.5	2.321	94.1	2.5	0.6
963	10/31/2016 17:21:05	13.95	44.94	29.07	8.11	7.80	9.8	2.192	94.0	2.9	0.7
964	10/31/2016 17:36:05	13.94	44.81	28.98	8.11	7.80	11.4	2.085	94.0	2.7	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	Fluorescence %FS
965	10/31/2016 17:51:06	13.94	44.66	28.87	8.11	7.79	10.8	1.976	94.0	2.6	0.6
966	10/31/2016 18:06:06	13.94	44.61	28.84	8.09	7.79	11.5	1.857	93.7	2.9	0.7
967	10/31/2016 18:21:05	13.92	44.72	28.91	8.06	7.79	12.3	1.769	93.4	3.6	0.8
968	10/31/2016 18:36:06	13.90	44.63	28.84	8.09	7.79	11.5	1.718	93.7	2.6	0.6
969	10/31/2016 18:51:06	13.89	44.55	28.79	8.09	7.79	12.3	1.643	93.5	2.9	0.7
970	10/31/2016 19:06:06	13.89	44.46	28.73	8.08	7.79	11.4	1.594	93.4	3.5	0.8
971	10/31/2016 19:21:06	13.90	44.35	28.65	8.08	7.79	7.8	1.600	93.4	2.8	0.7
972	10/31/2016 19:36:06	13.89	44.31	28.62	8.16	7.79	8.1	1.608	94.3	2.9	0.7
973	10/31/2016 19:51:06	13.89	44.36	28.65	8.13	7.79	8.7	1.622	93.9	3.1	0.7
974	10/31/2016 20:06:05	13.92	44.43	28.70	8.08	7.78	11.0	1.668	93.4	3.1	0.7
975	10/31/2016 20:21:06	13.92	44.42	28.70	8.07	7.78	12.0	1.757	93.4	2.7	0.7
976	10/31/2016 20:36:05	13.87	43.52	28.06	8.07	7.77	11.4	1.817	92.9	3.2	0.8
977	10/31/2016 20:51:06	13.89	43.42	27.98	8.07	7.77	9.4	1.920	92.9	3.2	0.8
978	10/31/2016 21:06:06	13.89	43.71	28.19	8.04	7.77	9.2	2.013	92.7	3.0	0.7
979	10/31/2016 21:21:06	13.92	43.93	28.35	8.02	7.77	9.4	2.102	92.6	3.0	0.7
980	10/31/2016 21:36:06	13.94	44.43	28.70	7.99	7.78	10.4	2.189	92.4	2.9	0.7
981	10/31/2016 21:51:06	13.95	44.89	29.04	7.98	7.79	10.1	2.284	92.6	2.1	0.5
982	10/31/2016 22:06:05	13.97	45.05	29.15	7.94	7.79	10.3	2.381	92.2	2.3	0.5
983	10/31/2016 22:21:06	13.98	45.28	29.31	7.95	7.79	11.7	2.458	92.4	2.8	0.7
984	10/31/2016 22:36:05	13.95	45.18	29.25	7.97	7.79	11.2	2.551	92.5	2.6	0.6
985	10/31/2016 22:51:06	13.90	45.21	29.26	7.99	7.79	13.0	2.637	92.7	2.7	0.6
986	10/31/2016 23:06:06	13.90	45.38	29.38	7.97	7.80	13.3	2.729	92.6	3.0	0.7
987	10/31/2016 23:21:06	13.88	45.49	29.46	7.99	7.80	13.6	2.816	92.7	2.5	0.6
988	10/31/2016 23:36:05	13.87	45.48	29.46	8.02	7.81	17.8	2.906	93.1	2.7	0.6
989	10/31/2016 23:51:06	13.84	45.69	29.60	8.07	7.83	19.6	3.001	93.8	3.0	0.7
990	11/1/2016 00:06:06	13.81	45.86	29.73	8.11	7.84	20.0	3.087	94.2	3.0	0.7
991	11/1/2016 00:21:05	13.78	46.08	29.89	8.12	7.85	18.8	3.170	94.4	2.7	0.6
992	11/1/2016 00:36:06	13.77	46.27	30.02	8.18	7.87	16.4	3.258	95.1	2.5	0.6
993	11/1/2016 00:51:06	13.75	46.71	30.34	8.27	7.90	17.5	3.332	96.3	2.4	0.6
994	11/1/2016 01:06:05	13.72	47.00	30.55	8.29	7.92	13.1	3.387	96.7	2.1	0.5
995	11/1/2016 01:21:05	13.70	47.12	30.64	8.32	7.92	9.5	3.446	96.9	2.3	0.5
996	11/1/2016 01:36:06	13.70	47.19	30.68	8.30	7.93	8.1	3.493	96.7	2.9	0.7
997	11/1/2016 01:51:05	13.70	47.22	30.70	8.29	7.93	6.4	3.522	96.7	1.7	0.4
998	11/1/2016 02:06:05	13.70	47.24	30.72	8.24	7.93	5.4	3.523	96.1	2.4	0.6
999	11/1/2016 02:21:05	13.69	47.25	30.73	8.26	7.93	8.3	3.502	96.3	1.7	0.4
1000	11/1/2016 02:36:06	13.69	47.21	30.70	8.29	7.93	8.3	3.480	96.6	2.0	0.5
1001	11/1/2016 02:51:05	13.69	47.06	30.59	8.22	7.91	8.8	3.444	95.7	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
1002	11/1/2016 03:06:06	13.55	45.57	29.51	7.93	7.83	16.4	3.368	91.5	2.5	0.6
1003	11/1/2016 03:21:05	13.57	46.01	29.83	7.98	7.85	11.3	3.298	92.3	2.6	0.6
1004	11/1/2016 03:36:06	13.62	46.18	29.96	8.06	7.86	10.5	3.229	93.4	2.3	0.5
1005	11/1/2016 03:51:06	13.65	46.15	29.93	8.01	7.86	9.1	3.146	92.8	2.8	0.7
1006	11/1/2016 04:06:06	13.63	45.65	29.57	7.89	7.82	9.3	3.058	91.2	2.6	0.6
1007	11/1/2016 04:21:06	13.61	45.23	29.27	7.85	7.80	9.3	2.979	90.5	2.1	0.5
1008	11/1/2016 04:36:06	13.59	45.09	29.17	7.77	7.79	9.4	2.912	89.6	2.7	0.6
1009	11/1/2016 04:51:05	13.56	44.83	28.98	7.75	7.78	9.7	2.839	89.1	2.6	0.6
1010	11/1/2016 05:06:05	13.55	44.74	28.92	7.73	7.78	9.1	2.771	88.9	2.4	0.6
1011	11/1/2016 05:21:06	13.50	44.54	28.77	7.76	7.78	9.2	2.704	89.1	2.4	0.6
1012	11/1/2016 05:36:06	13.52	44.58	28.80	7.68	7.77	8.9	2.656	88.1	2.2	0.5
1013	11/1/2016 05:51:05	13.50	44.55	28.78	7.62	7.75	9.3	2.599	87.4	2.6	0.6
1014	11/1/2016 06:06:06	13.50	44.58	28.80	7.61	7.75	8.7	2.548	87.4	2.0	0.5
1015	11/1/2016 06:21:05	13.50	44.55	28.78	7.60	7.75	8.9	2.507	87.2	2.4	0.6
1016	11/1/2016 06:36:05	13.48	44.48	28.73	7.59	7.75	8.3	2.456	87.0	2.1	0.5
1017	11/1/2016 06:51:05	13.49	44.46	28.72	7.63	7.75	8.7	2.431	87.5	2.4	0.6
1018	11/1/2016 07:06:05	13.49	44.34	28.63	7.64	7.75	8.0	2.416	87.6	2.5	0.6
1019	11/1/2016 07:21:05	13.49	44.30	28.60	7.60	7.75	8.3	2.396	87.1	2.4	0.6
1020	11/1/2016 07:36:06	13.66	44.66	28.86	7.72	7.77	8.1	2.389	88.9	2.2	0.5
1021	11/1/2016 07:51:05	13.67	44.71	28.90	7.79	7.77	7.8	2.414	89.8	2.7	0.6
1022	11/1/2016 08:06:05	13.55	44.53	28.77	7.70	7.76	8.8	2.449	88.5	2.4	0.6
1023	11/1/2016 08:21:05	13.58	44.63	28.84	7.75	7.77	8.4	2.499	89.1	2.1	0.5
1024	11/1/2016 08:36:06	13.47	44.20	28.53	7.73	7.76	8.7	2.552	88.5	1.9	0.5
1025	11/1/2016 08:51:05	13.54	44.51	28.75	7.74	7.77	8.9	2.611	88.9	2.4	0.6
1026	11/1/2016 09:06:06	13.59	44.63	28.84	7.78	7.77	10.4	2.689	89.5	2.2	0.5
1027	11/1/2016 09:21:05	13.61	44.85	29.00	7.82	7.78	10.6	2.764	90.1	2.9	0.7
1028	11/1/2016 09:36:05	13.59	44.87	29.01	7.84	7.79	10.0	2.840	90.2	2.7	0.6
1029	11/1/2016 09:51:06	13.63	45.43	29.42	7.92	7.82	12.0	2.925	91.5	2.8	0.7
1030	11/1/2016 10:06:06	13.65	45.69	29.60	7.97	7.83	11.7	3.017	92.2	2.4	0.6
1031	11/1/2016 10:21:06	13.68	45.87	29.73	7.98	7.83	11.2	3.099	92.5	2.4	0.6
1032	11/1/2016 10:36:06	13.69	46.00	29.82	8.03	7.84	11.4	3.175	93.1	2.4	0.6
1033	11/1/2016 10:51:05	13.69	46.11	29.91	8.05	7.85	10.6	3.274	93.4	2.2	0.5
1034	11/1/2016 11:06:05	13.66	46.14	29.92	8.11	7.87	13.7	3.351	94.0	2.6	0.6
1035	11/1/2016 11:21:05	13.67	46.43	30.14	8.15	7.89	12.8	3.429	94.6	2.5	0.6
1036	11/1/2016 11:36:05	13.67	46.58	30.24	8.21	7.91	11.5	3.517	95.4	2.3	0.5
1037	11/1/2016 11:51:05	13.68	46.76	30.37	8.27	7.92	11.1	3.593	96.2	2.2	0.5
1038	11/1/2016 12:06:06	13.72	46.94	30.51	8.27	7.93	9.4	3.680	96.3	2.4	0.6

sonde #2

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
1039	11/1/2016 12:21:05	13.73	47.09	30.61	8.35	7.94	9.2	3.725	97.3	2.0	0.5
1040	11/1/2016 12:36:05	13.73	47.17	30.67	8.40	7.95	8.6	3.786	98.0	1.9	0.4
1041	11/1/2016 12:51:05	13.79	47.21	30.70	8.41	7.96	7.0	3.825	98.3	1.8	0.4
1042	11/1/2016 13:06:06	13.77	47.25	30.73	8.40	7.96	5.9	3.848	98.1	1.6	0.4
1043	11/1/2016 13:21:06	13.77	47.26	30.73	8.28	7.96	4.5	3.849	96.7	1.4	0.3
1044	11/1/2016 13:36:06	13.77	47.26	30.74	8.35	7.96	6.8	3.842	97.5	1.5	0.4
1045	11/1/2016 13:51:06	13.77	47.25	30.73	8.38	7.96	6.8	3.818	97.9	1.2	0.3
1046	11/1/2016 14:06:06	13.84	47.00	30.55	8.30	7.94	9.1	3.742	97.0	2.1	0.5
1047	11/1/2016 14:21:05	13.94	46.76	30.38	8.23	7.91	11.9	3.682	96.3	1.8	0.4
1048	11/1/2016 14:36:05	14.19	46.78	30.40	8.28	7.91	7.3	3.602	97.3	1.5	0.4
1049	11/1/2016 14:51:05	14.18	46.61	30.28	8.36	7.90	7.8	3.498	98.2	1.9	0.5
1050	11/1/2016 15:06:05	14.17	46.36	30.10	8.29	7.88	8.4	3.405	97.3	2.1	0.5
1051	11/1/2016 15:21:05	14.18	45.96	29.81	8.20	7.86	11.7	3.310	96.0	2.0	0.5
1052	11/1/2016 15:36:05	14.22	45.87	29.75	8.19	7.85	10.0	3.213	96.0	2.2	0.5
1053	11/1/2016 15:51:06	14.25	45.85	29.73	8.22	7.85	10.0	3.098	96.4	2.5	0.6
1054	11/1/2016 16:06:05	14.24	45.64	29.58	8.22	7.84	9.4	2.988	96.2	1.6	0.4
1055	11/1/2016 16:21:06	14.20	45.38	29.39	8.15	7.83	9.6	2.894	95.2	2.2	0.5
1056	11/1/2016 16:36:06	14.26	45.58	29.54	8.18	7.84	8.9	2.779	95.7	2.0	0.5
1057	11/1/2016 16:51:05	14.23	45.15	29.23	8.20	7.82	9.3	2.660	95.8	2.5	0.6
1058	11/1/2016 17:06:06	14.24	45.23	29.28	8.24	7.83	9.0	2.543	96.2	2.0	0.5
1059	11/1/2016 17:21:06	14.22	45.03	29.15	8.23	7.82	9.5	2.434	96.1	2.6	0.6
1060	11/1/2016 17:36:06	14.24	44.92	29.07	8.27	7.81	9.2	2.311	96.5	2.6	0.6
1061	11/1/2016 17:51:06	14.25	44.82	29.00	8.26	7.81	9.2	2.197	96.3	2.4	0.6
1062	11/1/2016 18:06:06	14.23	44.86	29.02	8.28	7.82	9.1	2.073	96.6	2.1	0.5
1063	11/1/2016 18:21:06	14.22	44.66	28.87	8.32	7.81	9.4	1.975	97.0	2.3	0.6
1064	11/1/2016 18:36:05	14.21	44.50	28.76	8.36	7.81	8.8	1.855	97.3	2.6	0.6
1065	11/1/2016 18:51:05	14.20	44.47	28.74	8.39	7.81	9.7	1.760	97.6	2.5	0.6
1066	11/1/2016 19:06:06	14.19	44.30	28.62	8.41	7.81	9.6	1.679	97.8	2.3	0.5
1067	11/1/2016 19:21:06	14.18	44.19	28.54	8.38	7.80	9.0	1.630	97.4	2.6	0.6
1068	11/1/2016 19:36:05	14.16	44.14	28.50	8.35	7.80	8.6	1.566	97.0	2.7	0.6
1069	11/1/2016 19:51:06	14.18	44.10	28.47	8.36	7.80	7.9	1.560	97.1	2.2	0.5
1070	11/1/2016 20:06:06	14.17	44.10	28.48	8.41	7.80	9.6	1.561	97.6	2.6	0.6
1071	11/1/2016 20:21:06	14.16	44.13	28.50	8.40	7.80	7.8	1.580	97.5	2.0	0.5
1072	11/1/2016 20:36:05	14.17	44.16	28.52	8.39	7.80	7.4	1.654	97.4	2.4	0.6
1073	11/1/2016 20:51:06	14.17	43.76	28.23	8.35	7.79	7.5	1.697	96.8	2.5	0.6
1074	11/1/2016 21:06:06	14.18	43.52	28.06	8.32	7.79	7.8	1.802	96.3	2.8	0.7
1075	11/1/2016 21:21:05	14.21	43.20	27.83	8.30	7.78	8.0	1.882	96.1	2.9	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	Fluorescence %FS
1076	11/1/2016 21:36:05	14.20	42.90	27.62	8.28	7.77	8.3	1.963	95.7	2.8	0.7
1077	11/1/2016 21:51:06	14.21	43.28	27.89	8.27	7.78	7.7	2.059	95.8	2.7	0.6
1078	11/1/2016 22:06:06	14.23	43.55	28.09	8.24	7.78	7.7	2.139	95.6	2.8	0.7
1079	11/1/2016 22:21:06	14.24	43.90	28.33	8.15	7.78	9.8	2.239	94.7	2.2	0.5
1080	11/1/2016 22:36:05	14.23	44.28	28.60	8.10	7.78	8.9	2.306	94.2	2.6	0.6
1081	11/1/2016 22:51:05	14.22	44.48	28.75	8.05	7.78	9.0	2.399	93.7	3.0	0.7
1082	11/1/2016 23:06:06	14.20	44.54	28.79	7.99	7.78	9.2	2.488	93.0	2.7	0.6
1083	11/1/2016 23:21:06	14.17	44.52	28.77	8.00	7.78	9.4	2.578	93.1	2.1	0.5
1084	11/1/2016 23:36:06	14.16	44.53	28.78	8.05	7.78	9.5	2.665	93.6	2.8	0.7
1085	11/1/2016 23:51:05	14.14	44.74	28.93	8.01	7.79	10.1	2.740	93.3	2.7	0.6
1086	11/2/2016 00:06:06	14.12	44.79	28.97	8.05	7.79	11.4	2.828	93.6	2.5	0.6
1087	11/2/2016 00:21:05	14.10	44.97	29.10	8.04	7.80	12.1	2.911	93.6	2.7	0.6
1088	11/2/2016 00:36:05	14.06	45.15	29.22	8.06	7.81	13.9	2.990	93.8	2.7	0.6
1089	11/2/2016 00:51:06	14.03	45.32	29.35	8.11	7.82	15.3	3.070	94.4	2.9	0.7
1090	11/2/2016 01:06:06	14.00	45.50	29.48	8.11	7.83	12.7	3.138	94.4	2.7	0.6
1091	11/2/2016 01:21:05	13.98	45.84	29.72	8.22	7.85	14.5	3.218	95.8	2.2	0.5
1092	11/2/2016 01:36:05	13.95	46.16	29.95	8.33	7.88	14.8	3.290	97.2	2.7	0.6
1093	11/2/2016 01:51:05	13.91	46.36	30.09	8.41	7.89	12.5	3.340	98.1	2.8	0.7
1094	11/2/2016 02:06:05	13.88	46.47	30.17	8.44	7.91	10.6	3.399	98.5	2.3	0.5
1095	11/2/2016 02:21:05	13.87	46.51	30.20	8.50	7.91	9.2	3.437	99.1	2.3	0.5
1096	11/2/2016 02:36:05	13.85	46.51	30.20	8.50	7.92	8.1	3.452	99.1	2.4	0.6
1097	11/2/2016 02:51:05	13.86	46.45	30.16	8.36	7.91	7.5	3.456	97.5	2.7	0.6
1098	11/2/2016 03:06:06	13.84	46.52	30.21	8.47	7.92	8.9	3.441	98.8	2.4	0.6
1099	11/2/2016 03:21:06	13.84	46.49	30.18	8.44	7.92	9.3	3.412	98.4	2.4	0.6
1100	11/2/2016 03:36:05	13.83	46.32	30.06	8.36	7.90	10.7	3.361	97.3	2.2	0.5
1101	11/2/2016 03:51:05	13.80	45.64	29.57	8.01	7.84	10.9	3.299	93.0	2.1	0.5
1102	11/2/2016 04:06:05	13.74	45.30	29.33	7.98	7.82	10.6	3.226	92.4	2.5	0.6
1103	11/2/2016 04:21:05	13.76	45.65	29.57	8.14	7.85	8.6	3.142	94.4	2.1	0.5
1104	11/2/2016 04:36:06	13.80	45.46	29.44	8.05	7.83	8.7	3.068	93.3	2.5	0.6
1105	11/2/2016 04:51:05	13.82	45.28	29.31	7.95	7.81	8.6	3.006	92.1	2.6	0.6
1106	11/2/2016 05:06:05	13.83	45.16	29.22	7.92	7.80	8.6	2.918	91.8	2.2	0.5
1107	11/2/2016 05:21:06	13.75	44.79	28.96	7.86	7.78	8.4	2.866	90.8	2.4	0.6
1108	11/2/2016 05:36:06	13.66	44.78	28.95	7.79	7.78	8.7	2.799	89.7	2.3	0.5
1109	11/2/2016 05:51:06	13.63	44.33	28.62	7.82	7.77	7.7	2.732	89.9	2.0	0.5
1110	11/2/2016 06:06:06	13.59	44.30	28.60	7.76	7.76	7.6	2.683	89.1	2.3	0.5
1111	11/2/2016 06:21:05	13.56	44.13	28.48	7.72	7.76	7.3	2.635	88.6	2.8	0.7
1112	11/2/2016 06:36:05	13.54	44.11	28.47	7.70	7.75	7.6	2.589	88.2	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
1113	11/2/2016 06:51:05	13.50	44.27	28.58	7.71	7.76	7.8	2.551	88.3	2.4	0.6
1114	11/2/2016 07:06:05	13.52	44.26	28.57	7.71	7.76	7.6	2.513	88.3	2.6	0.6
1115	11/2/2016 07:21:06	13.54	44.05	28.42	7.71	7.75	6.9	2.497	88.3	2.5	0.6
1116	11/2/2016 07:36:06	13.59	43.99	28.38	7.69	7.75	6.5	2.467	88.2	2.7	0.6
1117	11/2/2016 07:51:05	13.66	44.23	28.55	7.72	7.76	7.8	2.470	88.7	2.5	0.6
1118	11/2/2016 08:06:06	13.71	44.24	28.57	7.78	7.76	6.9	2.488	89.6	2.1	0.5
1119	11/2/2016 08:21:06	13.56	44.19	28.53	7.69	7.75	7.8	2.511	88.2	2.3	0.5
1120	11/2/2016 08:36:06	13.58	44.22	28.55	7.71	7.76	7.6	2.541	88.5	2.6	0.6
1121	11/2/2016 08:51:05	13.62	44.32	28.62	7.75	7.76	7.5	2.597	89.1	2.1	0.5
1122	11/2/2016 09:06:06	13.50	44.11	28.47	7.77	7.76	7.0	2.649	88.9	2.1	0.5
1123	11/2/2016 09:21:06	13.66	44.44	28.71	7.77	7.77	7.5	2.703	89.4	2.0	0.5
1124	11/2/2016 09:36:06	13.71	44.57	28.80	7.81	7.78	8.7	2.777	90.1	2.1	0.5
1125	11/2/2016 09:51:06	13.71	44.82	28.98	7.84	7.79	9.5	2.832	90.5	2.4	0.6
1126	11/2/2016 10:06:06	13.68	45.00	29.10	7.88	7.80	9.2	2.905	90.9	1.9	0.4
1127	11/2/2016 10:21:06	13.75	45.32	29.34	8.00	7.82	9.2	2.984	92.6	1.9	0.4
1128	11/2/2016 10:36:05	13.79	45.53	29.49	8.09	7.84	10.1	3.062	93.8	1.8	0.4
1129	11/2/2016 10:51:06	13.82	45.67	29.59	8.15	7.85	9.1	3.127	94.6	1.9	0.5
1130	11/2/2016 11:06:06	13.83	45.78	29.67	8.21	7.86	9.8	3.199	95.3	2.2	0.5
1131	11/2/2016 11:21:06	13.83	45.88	29.74	8.21	7.87	10.4	3.282	95.4	1.5	0.4
1132	11/2/2016 11:36:06	13.82	46.05	29.87	8.26	7.88	10.1	3.366	96.1	2.1	0.5
1133	11/2/2016 11:51:06	13.79	46.07	29.88	8.30	7.89	10.7	3.438	96.5	2.4	0.6
1134	11/2/2016 12:06:06	13.77	46.24	30.00	8.37	7.91	13.4	3.519	97.3	2.3	0.5
1135	11/2/2016 12:21:06	13.78	46.29	30.04	8.39	7.91	11.4	3.591	97.6	1.3	0.3
1136	11/2/2016 12:36:06	13.77	46.35	30.08	8.41	7.92	9.2	3.645	97.9	2.2	0.5
1137	11/2/2016 12:51:06	13.77	46.44	30.15	8.46	7.93	8.5	3.693	98.5	2.0	0.5
1138	11/2/2016 13:06:06	13.72	46.53	30.21	8.48	7.94	8.4	3.747	98.7	2.0	0.5
1139	11/2/2016 13:21:06	13.69	46.56	30.23	8.50	7.95	7.7	3.773	98.8	1.6	0.4
1140	11/2/2016 13:36:06	13.68	46.56	30.23	8.45	7.95	5.4	3.811	98.2	1.9	0.5
1141	11/2/2016 13:51:05	13.69	46.52	30.20	8.45	7.94	6.8	3.817	98.2	1.6	0.4
1142	11/2/2016 14:06:06	13.70	46.53	30.21	8.46	7.95	8.6	3.810	98.3	1.3	0.3
1143	11/2/2016 14:21:06	13.68	46.57	30.23	8.47	7.95	8.3	3.773	98.4	1.4	0.3
1144	11/2/2016 14:36:06	13.68	46.56	30.23	8.47	7.95	9.8	3.728	98.5	1.6	0.4
1145	11/2/2016 14:51:05	14.20	45.92	29.78	8.34	7.89	7.8	3.676	97.7	2.2	0.5
1146	11/2/2016 15:06:06	14.23	45.95	29.81	8.39	7.89	9.5	3.588	98.4	2.0	0.5
1147	11/2/2016 15:21:06	14.31	45.85	29.73	8.45	7.89	8.4	3.505	99.2	2.1	0.5
1148	11/2/2016 15:36:05	14.27	45.91	29.78	8.49	7.89	7.4	3.414	99.5	1.5	0.3
1149	11/2/2016 15:51:06	14.28	45.68	29.61	8.42	7.87	9.6	3.302	98.7	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
1150	11/2/2016 16:06:06	14.19	45.69	29.62	8.42	7.87	8.4	3.214	98.5	2.6	0.6
1151	11/2/2016 16:21:06	14.29	45.50	29.48	8.42	7.87	7.8	3.122	98.6	2.3	0.5
1152	11/2/2016 16:36:06	14.34	45.44	29.44	8.44	7.86	7.7	3.015	98.9	2.2	0.5
1153	11/2/2016 16:51:06	14.34	45.33	29.36	8.47	7.86	8.5	2.907	99.2	2.2	0.5
1154	11/2/2016 17:06:05	14.36	44.86	29.02	8.46	7.84	8.8	2.779	99.0	2.3	0.5
1155	11/2/2016 17:21:05	14.34	44.69	28.90	8.46	7.83	7.9	2.706	98.8	2.7	0.6
1156	11/2/2016 17:36:06	14.31	44.60	28.83	8.50	7.83	8.2	2.567	99.2	1.9	0.4
1157	11/2/2016 17:51:06	14.31	44.79	28.97	8.49	7.84	8.7	2.469	99.2	2.3	0.6
1158	11/2/2016 18:06:06	14.30	44.65	28.87	8.43	7.83	9.2	2.356	98.4	2.8	0.7
1159	11/2/2016 18:21:05	14.27	44.60	28.84	8.42	7.83	11.4	2.231	98.2	2.7	0.6
1160	11/2/2016 18:36:05	14.24	44.17	28.52	8.49	7.83	9.8	2.126	98.7	3.4	0.8
1161	11/2/2016 18:51:05	14.23	44.09	28.47	8.53	7.82	10.0	2.024	99.2	2.8	0.7
1162	11/2/2016 19:06:05	14.21	44.01	28.41	8.55	7.82	10.6	1.914	99.3	2.8	0.7
1163	11/2/2016 19:21:06	14.20	44.01	28.41	8.53	7.82	10.2	1.835	99.1	2.6	0.6
1164	11/2/2016 19:36:06	14.19	43.92	28.34	8.54	7.82	9.7	1.733	99.2	2.8	0.7
1165	11/2/2016 19:51:05	14.20	43.82	28.28	8.54	7.81	9.4	1.701	99.1	2.9	0.7
1166	11/2/2016 20:06:05	14.21	43.76	28.23	8.57	7.81	8.9	1.609	99.4	2.5	0.6
1167	11/2/2016 20:21:06	14.22	43.72	28.21	8.52	7.81	7.9	1.614	98.9	3.3	0.8
1168	11/2/2016 20:36:06	14.24	43.79	28.26	8.51	7.81	8.1	1.603	98.9	3.0	0.7
1169	11/2/2016 20:51:05	14.26	43.86	28.31	8.51	7.81	8.3	1.598	98.9	2.5	0.6
1170	11/2/2016 21:06:05	14.22	43.84	28.29	8.54	7.81	8.3	1.684	99.1	2.5	0.6
1171	11/2/2016 21:21:05	14.22	43.86	28.31	8.55	7.81	7.5	1.735	99.3	3.0	0.7
1172	11/2/2016 21:36:05	14.22	43.61	28.12	8.52	7.80	7.5	1.789	98.8	2.6	0.6
1173	11/2/2016 21:51:05	14.22	43.23	27.85	8.43	7.79	8.1	1.869	97.6	3.1	0.7
1174	11/2/2016 22:06:05	14.22	42.77	27.52	8.39	7.78	8.0	1.958	97.0	2.8	0.7
1175	11/2/2016 22:21:06	14.22	43.33	27.93	8.39	7.79	7.7	2.047	97.1	3.0	0.7
1176	11/2/2016 22:36:06	14.23	43.50	28.05	8.38	7.79	7.4	2.126	97.2	3.2	0.8
1177	11/2/2016 22:51:05	14.24	43.59	28.11	8.38	7.79	7.3	2.198	97.2	2.4	0.6
1178	11/2/2016 23:06:06	14.26	43.77	28.24	8.33	7.79	8.1	2.287	96.8	2.7	0.6
1179	11/2/2016 23:21:06	14.27	44.11	28.48	8.24	7.79	8.2	2.382	95.9	2.3	0.5
1180	11/2/2016 23:36:06	14.33	44.33	28.64	8.14	7.78	9.2	2.445	94.9	2.8	0.7
1181	11/2/2016 23:51:06	14.36	44.46	28.74	8.10	7.78	10.1	2.540	94.5	2.7	0.6
1182	11/3/2016 00:06:06	14.33	44.30	28.62	8.13	7.78	8.6	2.615	94.8	2.7	0.6
1183	11/3/2016 00:21:06	14.32	44.53	28.78	8.17	7.78	10.0	2.700	95.4	2.6	0.6
1184	11/3/2016 00:36:05	14.30	44.55	28.80	8.15	7.79	9.6	2.769	95.1	3.1	0.7
1185	11/3/2016 00:51:06	14.28	44.55	28.80	8.18	7.80	9.5	2.849	95.3	3.2	0.8
1186	11/3/2016 01:06:06	14.26	44.76	28.95	8.17	7.80	11.3	2.941	95.3	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
1187	11/3/2016 01:21:06	14.22	44.95	29.08	8.22	7.82	12.6	3.010	95.9	3.0	0.7
1188	11/3/2016 01:36:06	14.20	45.12	29.21	8.23	7.83	14.2	3.080	96.0	2.6	0.6
1189	11/3/2016 01:51:05	14.17	45.29	29.33	8.25	7.84	14.6	3.151	96.3	2.8	0.7
1190	11/3/2016 02:06:06	14.11	45.53	29.50	8.31	7.86	14.3	3.234	97.0	2.3	0.5
1191	11/3/2016 02:21:06	14.05	45.80	29.69	8.43	7.88	14.4	3.301	98.4	2.7	0.6
1192	11/3/2016 02:36:05	14.02	45.94	29.79	8.50	7.89	14.5	3.354	99.1	2.5	0.6
1193	11/3/2016 02:51:05	13.99	46.08	29.89	8.55	7.90	10.3	3.372	99.8	2.3	0.6
1194	11/3/2016 03:06:05	13.97	46.18	29.96	8.61	7.91	8.0	3.407	100.5	2.1	0.5
1195	11/3/2016 03:21:06	13.96	46.22	29.99	8.53	7.91	7.2	3.414	99.5	1.8	0.4
1196	11/3/2016 03:36:06	13.97	46.20	29.98	8.53	7.90	9.2	3.441	99.5	2.1	0.5
1197	11/3/2016 03:51:06	13.97	46.19	29.97	8.51	7.90	9.4	3.394	99.3	2.1	0.5
1198	11/3/2016 04:06:06	14.00	46.05	29.87	8.47	7.90	11.2	3.360	98.9	1.9	0.5
1199	11/3/2016 04:21:05	14.06	45.68	29.61	8.33	7.87	12.1	3.295	97.2	2.1	0.5
1200	11/3/2016 04:36:06	14.10	45.33	29.36	8.16	7.84	10.9	3.238	95.2	2.0	0.5
1201	11/3/2016 04:51:05	14.08	45.33	29.36	8.17	7.84	10.1	3.169	95.2	2.1	0.5
1202	11/3/2016 05:06:05	14.09	45.07	29.17	8.14	7.82	9.7	3.096	94.8	2.1	0.5
1203	11/3/2016 05:21:05	14.08	45.01	29.12	8.03	7.81	9.0	3.058	93.4	2.2	0.5
1204	11/3/2016 05:36:06	14.07	44.89	29.04	7.97	7.80	8.8	2.980	92.7	2.1	0.5
1205	11/3/2016 05:51:05	14.13	44.71	28.91	7.91	7.78	7.9	2.917	92.1	2.5	0.6
1206	11/3/2016 06:06:06	14.11	44.66	28.87	7.85	7.77	7.7	2.870	91.2	2.8	0.7
1207	11/3/2016 06:21:05	14.10	44.48	28.74	7.83	7.77	7.9	2.810	90.9	2.3	0.5
1208	11/3/2016 06:36:05	14.08	44.38	28.67	7.81	7.76	7.6	2.766	90.7	2.4	0.6
1209	11/3/2016 06:51:06	14.05	44.48	28.74	7.78	7.76	8.4	2.714	90.2	2.3	0.5
1210	11/3/2016 07:06:06	14.04	44.30	28.62	7.75	7.75	7.6	2.691	89.8	2.6	0.6
1211	11/3/2016 07:21:06	14.03	44.26	28.58	7.74	7.75	7.6	2.663	89.7	2.5	0.6
1212	11/3/2016 07:36:05	13.98	44.35	28.65	7.73	7.76	8.7	2.619	89.5	2.0	0.5
1213	11/3/2016 07:51:05	14.00	44.20	28.54	7.73	7.75	7.2	2.609	89.5	2.2	0.5
1214	11/3/2016 08:06:05	14.04	44.11	28.48	7.71	7.74	6.6	2.579	89.3	2.3	0.5
1215	11/3/2016 08:21:05	14.05	44.08	28.45	7.71	7.74	6.0	2.563	89.2	2.7	0.6
1216	11/3/2016 08:36:05	14.02	44.14	28.50	7.73	7.74	8.7	2.566	89.5	2.1	0.5
1217	11/3/2016 08:51:05	14.04	44.22	28.56	7.78	7.75	8.1	2.582	90.2	2.0	0.5
1218	11/3/2016 09:06:06	14.05	44.28	28.60	7.78	7.75	7.6	2.614	90.2	1.8	0.4
1219	11/3/2016 09:21:06	14.03	44.29	28.61	7.81	7.75	7.6	2.662	90.5	2.3	0.5
1220	11/3/2016 09:36:05	14.06	44.39	28.68	7.81	7.76	7.6	2.687	90.6	2.2	0.5
1221	11/3/2016 09:51:05	14.08	44.47	28.74	7.88	7.77	7.8	2.732	91.4	1.7	0.4
1222	11/3/2016 10:06:05	14.08	44.45	28.72	7.89	7.77	7.1	2.799	91.6	1.8	0.4
1223	11/3/2016 10:21:05	14.10	44.54	28.79	7.90	7.78	7.8	2.852	91.8	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
1224	11/3/2016 10:36:05	14.11	44.73	28.93	8.00	7.79	8.3	2.915	93.0	2.0	0.5
1225	11/3/2016 10:51:05	14.07	45.02	29.13	8.07	7.81	8.3	2.994	93.9	2.1	0.5
1226	11/3/2016 11:06:05	14.05	45.29	29.33	8.16	7.83	10.3	3.038	95.0	2.4	0.6
1227	11/3/2016 11:21:05	14.08	45.34	29.36	8.23	7.84	10.7	3.106	96.0	2.0	0.5
1228	11/3/2016 11:36:05	14.10	45.54	29.50	8.33	7.86	8.9	3.190	97.3	1.8	0.4
1229	11/3/2016 11:51:05	14.11	45.64	29.58	8.37	7.86	7.8	3.275	97.7	1.8	0.4
1230	11/3/2016 12:06:05	14.11	45.72	29.63	8.42	7.87	7.5	3.342	98.4	2.2	0.5
1231	11/3/2016 12:21:05	14.05	45.84	29.72	8.45	7.88	9.5	3.416	98.7	1.9	0.4
1232	11/3/2016 12:36:06	14.05	45.96	29.81	8.50	7.89	9.4	3.474	99.3	1.6	0.4
1233	11/3/2016 12:51:05	14.02	46.04	29.86	8.56	7.91	9.8	3.531	99.9	2.0	0.5
1234	11/3/2016 13:06:05	13.97	46.12	29.92	8.64	7.92	10.7	3.584	100.8	1.8	0.4
1235	11/3/2016 13:21:05	13.95	46.24	30.01	8.70	7.93	9.7	3.623	101.5	1.6	0.4
1236	11/3/2016 13:36:05	13.95	46.28	30.03	8.75	7.94	8.7	3.693	102.1	1.6	0.4
1237	11/3/2016 13:51:05	13.94	46.33	30.07	8.73	7.94	7.8	3.709	101.9	1.6	0.4
1238	11/3/2016 14:06:06	13.94	46.33	30.07	8.70	7.94	6.0	3.713	101.6	1.9	0.5
1239	11/3/2016 14:21:06	13.95	46.33	30.07	8.62	7.94	6.2	3.733	100.7	1.5	0.4
1240	11/3/2016 14:36:05	13.94	46.34	30.08	8.69	7.94	8.6	3.726	101.4	1.4	0.3
1241	11/3/2016 14:51:06	13.96	46.33	30.07	8.72	7.94	8.1	3.714	101.9	1.6	0.4
1242	11/3/2016 15:06:05	14.06	46.15	29.94	8.62	7.92	9.2	3.639	100.8	1.9	0.4
1243	11/3/2016 15:21:06	14.26	45.97	29.82	8.54	7.90	9.7	3.590	100.1	2.0	0.5
1244	11/3/2016 15:36:06	14.39	45.80	29.70	8.57	7.89	7.8	3.512	100.7	2.2	0.5
1245	11/3/2016 15:51:05	14.39	45.69	29.62	8.60	7.89	8.3	3.447	101.0	2.1	0.5
1246	11/3/2016 16:06:06	14.49	45.47	29.47	8.57	7.87	7.3	3.364	100.8	2.3	0.5
1247	11/3/2016 16:21:06	14.48	45.39	29.41	8.52	7.86	8.3	3.296	100.1	2.6	0.6
1248	11/3/2016 16:36:06	14.50	45.32	29.35	8.49	7.86	7.0	3.212	99.8	2.3	0.6
1249	11/3/2016 16:51:06	14.48	45.28	29.32	8.50	7.86	7.2	3.115	99.8	2.8	0.7
1250	11/3/2016 17:06:05	14.48	45.22	29.28	8.46	7.86	7.2	3.026	99.4	2.1	0.5
1251	11/3/2016 17:21:06	14.49	45.14	29.23	8.55	7.85	6.5	2.911	100.4	2.3	0.5
1252	11/3/2016 17:36:05	14.52	44.95	29.09	8.45	7.83	7.2	2.807	99.2	2.9	0.7
1253	11/3/2016 17:51:05	14.53	44.83	29.01	8.47	7.83	7.7	2.721	99.4	2.8	0.7
1254	11/3/2016 18:06:05	14.58	44.66	28.89	8.46	7.82	8.2	2.609	99.2	2.7	0.6
1255	11/3/2016 18:21:05	14.59	44.56	28.82	8.38	7.81	8.9	2.551	98.4	2.4	0.6
1256	11/3/2016 18:36:06	14.57	44.56	28.81	8.37	7.81	8.7	2.389	98.2	2.6	0.6
1257	11/3/2016 18:51:06	14.59	44.46	28.74	8.35	7.81	9.6	2.281	98.0	2.9	0.7
1258	11/3/2016 19:06:06	14.59	44.31	28.63	8.40	7.80	9.3	2.183	98.4	2.9	0.7
1259	11/3/2016 19:21:05	14.61	44.12	28.50	8.41	7.80	10.0	2.036	98.5	2.8	0.7
1260	11/3/2016 19:36:06	14.64	43.99	28.40	8.42	7.80	9.0	1.969	98.7	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
1261	11/3/2016 19:51:06	14.60	44.00	28.41	8.38	7.80	8.8	1.894	98.1	2.9	0.7
1262	11/3/2016 20:06:06	14.62	43.89	28.34	8.43	7.79	9.2	1.761	98.7	3.2	0.8
1263	11/3/2016 20:21:06	14.62	43.84	28.30	8.43	7.80	8.1	1.735	98.7	3.1	0.7
1264	11/3/2016 20:36:06	14.61	43.81	28.28	8.45	7.79	7.7	1.651	98.9	2.8	0.7
1265	11/3/2016 20:51:05	14.64	43.72	28.21	8.46	7.79	7.3	1.605	99.1	3.3	0.8
1266	11/3/2016 21:06:05	14.66	43.69	28.19	8.43	7.79	6.4	1.621	98.7	3.4	0.8
1267	11/3/2016 21:21:05	14.64	43.70	28.19	8.51	7.79	7.3	1.627	99.6	2.6	0.6
1268	11/3/2016 21:36:05	14.61	43.74	28.23	8.50	7.79	7.5	1.586	99.4	3.0	0.7
1269	11/3/2016 21:51:05	14.63	43.78	28.26	8.49	7.79	6.8	1.637	99.4	2.9	0.7
1270	11/3/2016 22:06:06	14.64	43.83	28.29	8.50	7.79	6.8	1.707	99.5	3.5	0.8
1271	11/3/2016 22:21:06	14.62	43.62	28.14	8.43	7.78	6.7	1.787	98.6	2.9	0.7
1272	11/3/2016 22:36:05	14.63	43.42	28.00	8.38	7.77	7.6	1.862	98.0	2.8	0.7
1273	11/3/2016 22:51:05	14.65	42.66	27.46	8.29	7.75	7.7	1.938	96.6	2.8	0.7
1274	11/3/2016 23:06:05	14.65	43.51	28.06	8.34	7.77	6.8	2.023	97.6	3.6	0.8
1275	11/3/2016 23:21:05	14.66	43.56	28.10	8.30	7.77	7.2	2.096	97.1	3.4	0.8
1276	11/3/2016 23:36:05	14.67	43.60	28.13	8.31	7.77	7.1	2.190	97.3	3.6	0.9
1277	11/3/2016 23:51:06	14.65	43.91	28.35	8.26	7.78	7.5	2.275	96.8	2.8	0.7
1278	11/4/2016 00:06:06	14.62	44.11	28.49	8.18	7.78	7.4	2.332	95.8	2.6	0.6
1279	11/4/2016 00:21:06	14.61	44.26	28.60	8.14	7.78	7.6	2.391	95.4	2.5	0.6
1280	11/4/2016 00:36:06	14.59	44.41	28.70	8.14	7.78	7.9	2.508	95.4	3.1	0.7
1281	11/4/2016 00:51:05	14.57	44.49	28.76	8.11	7.78	8.3	2.566	95.2	3.0	0.7
1282	11/4/2016 01:06:06	14.53	44.53	28.79	8.16	7.78	8.1	2.647	95.7	2.9	0.7
1283	11/4/2016 01:21:06	14.52	44.64	28.87	8.19	7.79	7.9	2.719	96.0	2.8	0.7
1284	11/4/2016 01:36:05	14.45	44.65	28.87	8.21	7.79	7.9	2.791	96.1	2.8	0.7
1285	11/4/2016 01:51:06	14.43	44.73	28.93	8.23	7.80	8.9	2.868	96.3	2.4	0.6
1286	11/4/2016 02:06:05	14.41	44.94	29.08	8.26	7.81	10.3	2.936	96.7	2.8	0.7
1287	11/4/2016 02:21:05	14.36	45.07	29.17	8.31	7.83	12.2	3.011	97.3	2.7	0.7
1288	11/4/2016 02:36:06	14.31	45.21	29.28	8.36	7.84	12.0	3.092	97.9	2.7	0.6
1289	11/4/2016 02:51:05	14.26	45.34	29.37	8.38	7.85	12.5	3.163	98.0	2.6	0.6
1290	11/4/2016 03:06:05	14.20	45.55	29.51	8.45	7.87	12.8	3.224	98.8	2.6	0.6
1291	11/4/2016 03:21:06	14.15	45.74	29.65	8.58	7.89	11.9	3.284	100.3	2.7	0.7
1292	11/4/2016 03:36:05	14.11	45.92	29.78	8.67	7.90	11.2	3.338	101.3	2.3	0.6
1293	11/4/2016 03:51:05	14.08	46.05	29.87	8.73	7.91	11.2	3.363	102.1	1.8	0.4
1294	11/4/2016 04:06:06	14.07	46.06	29.88	8.73	7.91	8.4	3.383	102.0	1.9	0.4
1295	11/4/2016 04:21:06	14.07	46.07	29.89	8.67	7.91	9.9	3.347	101.3	1.7	0.4
1296	11/4/2016 04:36:06	14.07	46.08	29.89	8.73	7.91	10.0	3.328	102.0	2.1	0.5
1297	11/4/2016 04:51:06	14.08	45.76	29.67	8.57	7.89	10.4	3.294	100.0	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
1298	11/4/2016 05:06:05	14.16	45.18	29.25	8.20	7.83	9.9	3.274	95.6	2.6	0.6
1299	11/4/2016 05:21:06	14.15	45.14	29.22	8.15	7.83	10.4	3.215	95.0	3.0	0.7
1300	11/4/2016 05:36:05	14.15	45.13	29.21	8.17	7.82	8.6	3.153	95.3	2.4	0.6
1301	11/4/2016 05:51:06	14.15	45.18	29.25	8.27	7.84	9.2	3.083	96.4	2.1	0.5
1302	11/4/2016 06:06:05	14.17	45.15	29.22	8.18	7.82	7.9	3.039	95.4	2.3	0.5
1303	11/4/2016 06:21:05	14.17	44.97	29.10	8.10	7.80	7.2	2.956	94.4	2.5	0.6
1304	11/4/2016 06:36:06	14.16	44.86	29.02	7.99	7.80	7.6	2.940	93.1	2.1	0.5
1305	11/4/2016 06:51:05	14.15	44.70	28.90	7.88	7.78	7.2	2.850	91.7	2.2	0.5
1306	11/4/2016 07:06:05	14.17	44.54	28.79	7.83	7.77	6.4	2.844	91.1	2.5	0.6
1307	11/4/2016 07:21:06	14.13	44.32	28.63	7.83	7.77	6.2	2.773	90.9	2.1	0.5
1308	11/4/2016 07:36:05	14.11	44.16	28.52	7.78	7.77	6.5	2.746	90.2	2.5	0.6
1309	11/4/2016 07:51:05	14.08	44.07	28.45	7.75	7.76	6.4	2.736	89.8	2.5	0.6
1310	11/4/2016 08:06:05	14.03	44.20	28.54	7.72	7.76	6.8	2.667	89.5	2.4	0.6
1311	11/4/2016 08:21:05	14.04	44.29	28.61	7.72	7.75	6.7	2.675	89.5	2.4	0.6
1312	11/4/2016 08:36:05	14.12	44.30	28.62	7.71	7.76	6.3	2.640	89.6	2.4	0.6
1313	11/4/2016 08:51:05	14.21	44.32	28.63	7.73	7.76	5.2	2.623	89.9	2.1	0.5
1314	11/4/2016 09:06:05	14.22	44.35	28.65	7.74	7.76	5.6	2.640	90.1	1.7	0.4
1315	11/4/2016 09:21:06	14.29	44.45	28.73	7.80	7.78	5.4	2.639	91.0	1.7	0.4
1316	11/4/2016 09:36:06	14.26	44.53	28.78	7.80	7.78	5.5	2.670	90.9	1.6	0.4
1317	11/4/2016 09:51:06	13.97	44.26	28.58	7.73	7.75	6.6	2.680	89.5	2.3	0.5
1318	11/4/2016 10:06:06	14.22	44.44	28.72	7.86	7.78	5.5	2.700	91.5	2.1	0.5
1319	11/4/2016 10:21:06	14.24	44.52	28.78	7.88	7.79	5.7	2.736	91.8	1.9	0.4
1320	11/4/2016 10:36:06	14.20	44.65	28.87	7.89	7.79	6.7	2.779	91.9	1.9	0.5
1321	11/4/2016 10:51:06	14.17	44.48	28.75	7.93	7.79	6.0	2.837	92.3	2.0	0.5
1322	11/4/2016 11:06:06	14.20	44.71	28.91	7.97	7.80	6.8	2.890	92.9	1.9	0.4
1323	11/4/2016 11:21:06	14.22	44.85	29.02	8.06	7.81	7.0	2.950	94.0	2.2	0.5
1324	11/4/2016 11:36:05	14.17	45.09	29.18	8.15	7.84	6.7	3.001	95.1	1.8	0.4
1325	11/4/2016 11:51:05	14.20	45.02	29.14	8.19	7.84	7.1	3.060	95.6	2.2	0.5
1326	11/4/2016 12:06:05	14.11	45.39	29.40	8.28	7.86	7.6	3.121	96.6	1.5	0.3
1327	11/4/2016 12:21:05	14.10	45.64	29.58	8.47	7.88	9.8	3.163	98.9	1.6	0.4
1328	11/4/2016 12:36:05	14.09	45.79	29.68	8.56	7.89	9.2	3.219	100.0	2.2	0.5
1329	11/4/2016 12:51:05	14.09	45.82	29.70	8.58	7.90	8.3	3.280	100.2	1.9	0.4
1330	11/4/2016 13:06:06	14.08	45.93	29.79	8.66	7.91	8.2	3.349	101.2	2.1	0.5
1331	11/4/2016 13:21:06	14.06	46.00	29.84	8.68	7.91	7.5	3.415	101.4	1.5	0.3
1332	11/4/2016 13:36:05	14.06	46.05	29.87	8.75	7.92	7.5	3.448	102.3	1.7	0.4
1333	11/4/2016 13:51:06	14.08	46.19	29.97	8.85	7.94	8.7	3.500	103.5	1.8	0.4
1334	11/4/2016 14:06:06	14.07	46.29	30.05	8.91	7.95	8.4	3.546	104.2	1.5	0.4

sonde #2

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
1335	11/4/2016 14:21:06	14.06	46.30	30.05	8.90	7.95	7.7	3.586	104.2	1.9	0.4
1336	11/4/2016 14:36:05	14.08	46.36	30.10	8.96	7.95	7.6	3.611	104.9	1.7	0.4
1337	11/4/2016 14:51:06	14.07	46.46	30.17	9.01	7.96	6.7	3.638	105.5	2.0	0.5
1338	11/4/2016 15:06:06	14.07	46.48	30.18	8.97	7.97	5.9	3.635	105.0	1.3	0.3
1339	11/4/2016 15:21:06	14.08	46.44	30.16	8.94	7.96	7.3	3.619	104.7	1.6	0.4
1340	11/4/2016 15:36:06	14.10	46.42	30.14	8.90	7.96	7.5	3.622	104.3	1.6	0.4
1341	11/4/2016 15:51:05	14.16	46.25	30.02	8.81	7.94	8.3	3.554	103.3	2.3	0.5
1342	11/4/2016 16:06:06	14.38	45.94	29.80	8.69	7.92	8.2	3.497	102.1	1.8	0.4
1343	11/4/2016 16:21:06	14.54	45.76	29.68	8.63	7.91	7.9	3.444	101.7	2.2	0.5
1344	11/4/2016 16:36:06	14.63	45.78	29.69	8.63	7.91	7.3	3.355	102.0	2.0	0.5
1345	11/4/2016 16:51:06	14.59	45.68	29.62	8.72	7.91	7.3	3.257	102.9	2.0	0.5
1346	11/4/2016 17:06:05	14.68	45.38	29.41	8.65	7.89	6.9	3.153	102.1	2.8	0.7
1347	11/4/2016 17:21:05	14.68	45.21	29.28	8.69	7.88	7.9	3.083	102.4	2.4	0.6
1348	11/4/2016 17:36:05	14.64	45.10	29.20	8.56	7.87	8.2	2.977	100.8	2.6	0.6
1349	11/4/2016 17:51:05	14.65	45.01	29.14	8.57	7.87	7.2	2.888	100.9	3.2	0.8
1350	11/4/2016 18:06:06	14.70	44.91	29.07	8.61	7.87	7.3	2.785	101.4	2.5	0.6
1351	11/4/2016 18:21:05	14.70	44.85	29.02	8.53	7.87	7.2	2.699	100.4	2.8	0.7
1352	11/4/2016 18:36:06	14.76	44.61	28.86	8.66	7.86	8.4	2.585	102.0	2.8	0.7
1353	11/4/2016 18:51:06	14.73	44.60	28.84	8.56	7.86	7.9	2.484	100.8	2.3	0.6
1354	11/4/2016 19:06:05	14.78	44.39	28.70	8.46	7.83	8.3	2.402	99.6	3.0	0.7
1355	11/4/2016 19:21:06	14.76	44.37	28.68	8.48	7.84	8.6	2.281	99.7	3.4	0.8
1356	11/4/2016 19:36:06	14.79	44.26	28.60	8.42	7.83	9.4	2.195	99.1	3.2	0.8
1357	11/4/2016 19:51:06	14.77	44.16	28.53	8.43	7.83	7.9	2.087	99.2	3.3	0.8
1358	11/4/2016 20:06:05	14.80	43.98	28.40	8.54	7.82	7.5	2.010	100.4	3.0	0.7
1359	11/4/2016 20:21:05	14.76	43.96	28.39	8.51	7.82	7.6	1.906	99.9	3.2	0.8
1360	11/4/2016 20:36:05	14.73	43.92	28.36	8.51	7.83	7.7	1.818	99.8	3.0	0.7
1361	11/4/2016 20:51:06	14.80	43.78	28.26	8.53	7.83	6.4	1.782	100.2	3.3	0.8
1362	11/4/2016 21:06:05	14.79	43.75	28.24	8.57	7.83	6.6	1.712	100.7	2.8	0.7
1363	11/4/2016 21:21:06	14.83	43.70	28.21	8.56	7.83	6.5	1.653	100.6	3.2	0.8
1364	11/4/2016 21:36:06	14.85	43.68	28.19	8.55	7.83	6.0	1.668	100.5	3.3	0.8
1365	11/4/2016 21:51:06	14.85	43.68	28.19	8.55	7.82	6.4	1.677	100.5	3.3	0.8
1366	11/4/2016 22:06:06	14.83	43.73	28.22	8.53	7.83	7.0	1.681	100.2	3.8	0.9
1367	11/4/2016 22:21:06	14.80	43.75	28.24	8.55	7.83	6.4	1.713	100.4	3.1	0.7
1368	11/4/2016 22:36:06	14.81	43.81	28.28	8.53	7.83	6.2	1.757	100.2	3.0	0.7
1369	11/4/2016 22:51:05	14.84	43.82	28.29	8.50	7.82	5.9	1.827	99.9	3.4	0.8
1370	11/4/2016 23:06:06	14.83	43.62	28.15	8.45	7.82	5.9	1.851	99.2	3.5	0.8
1371	11/4/2016 23:21:06	14.83	43.52	28.08	8.39	7.81	6.0	1.919	98.5	2.8	0.7

sonde #2

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
1372	11/4/2016 23:36:06	14.84	43.36	27.96	8.31	7.81	6.2	2.004	97.5	2.9	0.7
1373	11/4/2016 23:51:06	14.86	43.58	28.12	8.38	7.81	6.2	2.086	98.4	3.1	0.7
1374	11/5/2016 00:06:06	14.86	43.66	28.17	8.35	7.81	6.2	2.134	98.2	3.5	0.8
1375	11/5/2016 00:21:05	14.85	43.75	28.24	8.32	7.80	6.3	2.237	97.8	2.7	0.6
1376	11/5/2016 00:36:06	14.83	43.98	28.40	8.29	7.82	6.4	2.261	97.5	2.9	0.7
1377	11/5/2016 00:51:05	14.79	44.18	28.54	8.24	7.82	6.4	2.361	96.9	2.7	0.6
1378	11/5/2016 01:06:06	14.78	44.32	28.64	8.23	7.82	6.6	2.447	96.8	2.9	0.7
1379	11/5/2016 01:21:06	14.76	44.43	28.72	8.19	7.82	6.5	2.504	96.4	3.2	0.8
1380	11/5/2016 01:36:06	14.76	44.58	28.83	8.21	7.82	7.0	2.560	96.7	3.2	0.8
1381	11/5/2016 01:51:05	14.71	44.60	28.85	8.23	7.83	6.9	2.647	96.8	3.3	0.8
1382	11/5/2016 02:06:06	14.70	44.68	28.90	8.25	7.83	7.5	2.713	97.1	3.0	0.7
1383	11/5/2016 02:21:05	14.67	44.77	28.97	8.27	7.83	7.6	2.802	97.3	2.5	0.6
1384	11/5/2016 02:36:06	14.62	44.77	28.96	8.26	7.84	7.5	2.849	97.1	3.0	0.7
1385	11/5/2016 02:51:06	14.57	44.87	29.03	8.33	7.86	8.6	2.954	97.8	2.7	0.6
1386	11/5/2016 03:06:06	14.54	45.04	29.16	8.35	7.87	10.1	2.999	98.1	2.4	0.6
1387	11/5/2016 03:21:06	14.48	45.19	29.26	8.42	7.88	10.1	3.062	98.9	2.6	0.6
1388	11/5/2016 03:36:05	14.42	45.31	29.35	8.50	7.89	9.7	3.134	99.7	2.2	0.5
1389	11/5/2016 03:51:06	14.38	45.46	29.46	8.55	7.89	10.2	3.207	100.3	2.5	0.6
1390	11/5/2016 04:06:06	14.30	45.77	29.68	8.68	7.91	9.2	3.230	101.8	2.0	0.5
1391	11/5/2016 04:21:06	14.22	46.05	29.88	8.76	7.92	9.8	3.287	102.7	3.1	0.7
1392	11/5/2016 04:36:06	14.19	46.16	29.96	8.80	7.93	8.4	3.310	103.1	2.4	0.6
1393	11/5/2016 04:51:05	14.17	46.23	30.00	8.80	7.93	6.1	3.317	103.1	1.9	0.5
1394	11/5/2016 05:06:05	14.17	46.23	30.01	8.69	7.93	6.0	3.328	101.9	2.4	0.6
1395	11/5/2016 05:21:06	14.19	46.21	29.99	8.77	7.94	6.8	3.309	102.9	2.5	0.6
1396	11/5/2016 05:36:06	14.19	46.18	29.97	8.75	7.93	7.9	3.269	102.6	2.2	0.5
1397	11/5/2016 05:51:05	14.30	45.78	29.69	8.55	7.91	7.4	3.231	100.2	2.1	0.5
1398	11/5/2016 06:06:06	14.32	44.97	29.10	8.10	7.85	9.2	3.197	94.7	2.9	0.7
1399	11/5/2016 06:21:06	14.30	45.02	29.14	8.16	7.85	8.4	3.138	95.4	2.0	0.5
1400	11/5/2016 06:36:06	14.28	45.17	29.25	8.25	7.86	8.2	3.094	96.5	2.5	0.6
1401	11/5/2016 06:51:06	14.30	45.12	29.21	8.21	7.85	7.2	3.014	96.0	2.2	0.5
1402	11/5/2016 07:06:06	14.28	44.99	29.11	8.12	7.85	7.0	2.978	94.9	2.0	0.5
1403	11/5/2016 07:21:06	14.28	44.87	29.03	8.02	7.83	6.8	2.932	93.7	2.6	0.6
1404	11/5/2016 07:36:05	14.29	44.78	28.97	7.96	7.82	7.2	2.890	93.0	2.9	0.7
1405	11/5/2016 07:51:05	14.27	44.73	28.93	7.93	7.82	7.2	2.839	92.5	2.5	0.6
1406	11/5/2016 08:06:06	14.24	44.70	28.91	7.89	7.82	6.6	2.819	91.9	2.3	0.6
1407	11/5/2016 08:21:05	14.30	44.47	28.74	7.90	7.81	6.2	2.790	92.1	2.6	0.6
1408	11/5/2016 08:36:05	14.23	44.35	28.66	7.87	7.80	5.4	2.750	91.6	2.5	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1409	11/5/2016 08:51:05	14.15	44.49	28.75	7.88	7.80	5.9	2.722	91.6	2.0	0.5
1410	11/5/2016 09:06:06	14.18	44.39	28.68	7.85	7.80	6.4	2.697	91.3	2.0	0.5
1411	11/5/2016 09:21:06	14.19	44.34	28.65	7.81	7.80	4.8	2.686	90.8	2.3	0.5
1412	11/5/2016 09:36:06	14.26	44.33	28.64	7.80	7.79	5.0	2.680	90.8	2.1	0.5
1413	11/5/2016 09:51:05	14.23	44.43	28.71	7.82	7.79	6.1	2.680	91.0	2.3	0.6
1414	11/5/2016 10:06:05	14.31	44.55	28.80	7.87	7.81	5.6	2.682	91.8	2.6	0.6
1415	11/5/2016 10:21:05	14.20	44.56	28.80	7.80	7.80	6.0	2.692	90.8	2.1	0.5
1416	11/5/2016 10:36:05	14.26	44.61	28.84	7.90	7.80	5.8	2.711	92.1	1.8	0.4
1417	11/5/2016 10:51:05	14.26	44.63	28.86	7.94	7.81	5.5	2.745	92.6	2.2	0.5
1418	11/5/2016 11:06:06	14.36	44.78	28.97	8.04	7.83	5.3	2.761	94.0	2.3	0.6
1419	11/5/2016 11:21:06	14.43	44.78	28.97	8.11	7.83	5.2	2.807	95.0	2.0	0.5
1420	11/5/2016 11:36:06	14.41	44.88	29.04	8.10	7.84	5.5	2.843	94.9	2.1	0.5
1421	11/5/2016 11:51:06	14.37	45.03	29.15	8.21	7.86	5.9	2.888	96.1	2.0	0.5
1422	11/5/2016 12:06:06	14.41	44.96	29.09	8.20	7.85	5.6	2.932	96.1	2.1	0.5
1423	11/5/2016 12:21:05	14.46	45.09	29.19	8.29	7.86	5.9	3.003	97.3	2.1	0.5
1424	11/5/2016 12:36:05	14.52	45.09	29.19	8.36	7.87	6.2	3.047	98.2	2.5	0.6
1425	11/5/2016 12:51:05	14.47	45.36	29.39	8.46	7.89	5.9	3.103	99.4	2.4	0.6
1426	11/5/2016 13:06:05	14.45	45.59	29.55	8.60	7.90	5.8	3.158	101.1	2.3	0.5
1427	11/5/2016 13:21:05	14.43	45.67	29.61	8.65	7.91	5.9	3.208	101.7	2.3	0.5
1428	11/5/2016 13:36:05	14.43	45.76	29.67	8.67	7.91	5.8	3.257	102.0	2.1	0.5
1429	11/5/2016 13:51:06	14.35	45.96	29.81	8.75	7.93	5.6	3.317	102.8	2.0	0.5
1430	11/5/2016 14:06:05	14.31	46.06	29.89	8.73	7.93	5.9	3.388	102.6	1.6	0.4
1431	11/5/2016 14:21:05	14.14	46.37	30.10	8.81	7.95	6.2	3.404	103.3	2.1	0.5
1432	11/5/2016 14:36:06	14.11	46.43	30.15	8.82	7.95	5.9	3.446	103.4	1.6	0.4
1433	11/5/2016 14:51:06	14.08	46.49	30.19	8.85	7.95	6.8	3.476	103.6	1.9	0.4
1434	11/5/2016 15:06:06	14.09	46.50	30.20	8.85	7.96	7.2	3.503	103.7	2.3	0.5
1435	11/5/2016 15:21:06	14.10	46.52	30.21	8.86	7.96	6.0	3.541	103.8	1.8	0.4
1436	11/5/2016 15:36:06	14.12	46.51	30.20	8.79	7.95	6.1	3.544	103.1	1.5	0.3
1437	11/5/2016 15:51:06	14.13	46.61	30.28	8.83	7.96	5.8	3.552	103.6	1.9	0.5
1438	11/5/2016 16:06:06	14.13	46.62	30.28	8.86	7.97	6.4	3.524	104.0	1.9	0.4
1439	11/5/2016 16:21:05	14.11	46.55	30.23	8.81	7.96	6.7	3.524	103.3	1.6	0.4
1440	11/5/2016 16:36:06	14.18	46.43	30.15	8.80	7.95	5.7	3.495	103.3	1.7	0.4
1441	11/5/2016 16:51:06	14.19	46.38	30.12	8.72	7.95	5.7	3.426	102.3	1.5	0.4
1442	11/5/2016 17:06:06	14.27	46.26	30.03	8.72	7.94	6.7	3.359	102.4	2.2	0.5
1443	11/5/2016 17:21:05	14.30	46.10	29.92	8.67	7.93	7.0	3.319	101.8	2.6	0.6
1444	11/5/2016 17:36:05	14.41	45.72	29.64	8.63	7.91	7.6	3.256	101.4	3.0	0.7
1445	11/5/2016 17:51:06	14.50	45.34	29.37	8.61	7.90	6.5	3.188	101.2	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
1446	11/5/2016 18:06:06	14.51	45.19	29.26	8.60	7.91	7.6	3.116	101.0	2.4	0.6
1447	11/5/2016 18:21:06	14.54	45.03	29.15	8.62	7.90	8.8	3.010	101.3	3.0	0.7
1448	11/5/2016 18:36:05	14.57	44.93	29.08	8.52	7.89	8.4	2.921	100.1	2.7	0.6
1449	11/5/2016 18:51:05	14.63	44.75	28.95	8.47	7.88	8.3	2.827	99.5	2.7	0.6
1450	11/5/2016 19:06:05	14.64	44.67	28.90	8.43	7.86	9.0	2.749	99.1	2.5	0.6
1451	11/5/2016 19:21:06	14.65	44.59	28.84	8.44	7.86	7.3	2.655	99.2	2.9	0.7
1452	11/5/2016 19:36:05	14.57	44.77	28.96	8.42	7.87	8.4	2.556	98.9	2.3	0.5
1453	11/5/2016 19:51:05	14.68	44.43	28.72	8.36	7.85	8.6	2.468	98.3	2.3	0.5
1454	11/5/2016 20:06:05	14.68	44.26	28.60	8.37	7.83	8.4	2.402	98.2	2.6	0.6
1455	11/5/2016 20:21:05	14.71	44.07	28.47	8.38	7.84	8.3	2.272	98.3	3.1	0.7
1456	11/5/2016 20:36:05	14.71	44.15	28.52	8.33	7.85	9.1	2.213	97.8	3.0	0.7
1457	11/5/2016 20:51:06	14.69	44.09	28.47	8.33	7.84	9.9	2.123	97.8	2.7	0.6
1458	11/5/2016 21:06:05	14.75	43.88	28.33	8.35	7.84	10.3	2.038	98.0	3.1	0.7
1459	11/5/2016 21:21:05	14.72	43.89	28.33	8.34	7.83	10.0	1.948	97.8	2.9	0.7
1460	11/5/2016 21:36:06	14.73	43.70	28.20	8.31	7.83	9.3	1.897	97.5	3.2	0.8
1461	11/5/2016 21:51:06	14.70	43.60	28.13	8.30	7.83	9.4	1.824	97.2	2.9	0.7
1462	11/5/2016 22:06:06	14.71	43.54	28.09	8.28	7.82	9.7	1.801	97.0	2.8	0.7
1463	11/5/2016 22:21:06	14.73	43.47	28.03	8.28	7.83	8.4	1.755	97.0	3.2	0.7
1464	11/5/2016 22:36:06	14.72	43.44	28.01	8.26	7.83	7.8	1.734	96.7	3.2	0.8
1465	11/5/2016 22:51:05	14.72	43.50	28.06	8.26	7.82	9.4	1.732	96.8	2.8	0.7
1466	11/5/2016 23:06:06	14.75	43.59	28.12	8.26	7.82	7.9	1.724	96.9	2.7	0.6
1467	11/5/2016 23:21:06	14.75	43.70	28.20	8.26	7.82	7.6	1.824	96.9	2.6	0.6
1468	11/5/2016 23:36:06	14.75	43.72	28.21	8.26	7.82	8.7	1.837	96.9	3.0	0.7
1469	11/5/2016 23:51:05	14.74	43.72	28.22	8.25	7.82	8.1	1.887	96.8	2.5	0.6
1470	11/6/2016 00:06:06	14.73	43.54	28.08	8.27	7.81	8.0	1.955	96.9	2.9	0.7
1471	11/6/2016 00:21:06	14.72	43.37	27.96	8.25	7.80	7.8	2.014	96.6	2.9	0.7
1472	11/6/2016 00:36:06	14.73	43.59	28.12	8.23	7.81	7.5	2.086	96.4	3.1	0.7
1473	11/6/2016 00:51:05	14.72	43.63	28.15	8.22	7.81	6.7	2.152	96.3	2.8	0.7
1474	11/6/2016 01:06:05	14.72	43.60	28.12	8.24	7.81	6.6	2.216	96.6	3.1	0.7
1475	11/6/2016 01:21:05	14.71	43.77	28.25	8.25	7.82	7.6	2.306	96.8	2.9	0.7
1476	11/6/2016 01:36:06	14.70	43.85	28.31	8.22	7.82	6.7	2.376	96.4	2.8	0.7
1477	11/6/2016 01:51:05	14.69	44.07	28.46	8.21	7.82	6.7	2.423	96.3	2.6	0.6
1478	11/6/2016 01:06:05	14.70	44.22	28.57	8.21	7.83	7.4	2.494	96.4	2.8	0.7
1479	11/6/2016 01:21:05	14.69	44.30	28.63	8.22	7.83	8.1	2.588	96.6	2.9	0.7
1480	11/6/2016 01:36:06	14.69	44.37	28.68	8.24	7.83	8.4	2.644	96.8	2.5	0.6
1481	11/6/2016 01:51:05	14.68	44.46	28.74	8.23	7.83	8.1	2.697	96.7	2.9	0.7
1482	11/6/2016 02:06:05	14.66	44.55	28.81	8.25	7.83	8.5	2.775	97.0	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1483	11/6/2016 02:21:05	14.60	44.73	28.94	8.28	7.85	9.0	2.863	97.3	2.6	0.6
1484	11/6/2016 02:36:05	14.56	44.83	29.01	8.34	7.85	8.3	2.923	97.9	2.7	0.6
1485	11/6/2016 02:51:05	14.52	44.90	29.06	8.36	7.87	9.7	2.964	98.1	2.5	0.6
1486	11/6/2016 03:06:05	14.47	45.03	29.15	8.40	7.88	9.3	3.051	98.5	2.7	0.6
1487	11/6/2016 03:21:05	14.43	45.14	29.23	8.46	7.88	8.1	3.127	99.2	2.5	0.6
1488	11/6/2016 03:36:05	14.40	45.21	29.28	8.46	7.89	8.4	3.156	99.2	2.6	0.6
1489	11/6/2016 03:51:05	14.37	45.33	29.36	8.48	7.89	7.8	3.235	99.4	2.1	0.5
1490	11/6/2016 04:06:05	14.35	45.43	29.44	8.50	7.89	7.6	3.271	99.6	2.3	0.6
1491	11/6/2016 04:21:05	14.29	45.76	29.67	8.57	7.92	7.4	3.297	100.5	2.6	0.6
1492	11/6/2016 04:36:05	14.26	45.86	29.74	8.60	7.93	8.4	3.337	100.8	2.2	0.5
1493	11/6/2016 04:51:05	14.24	45.91	29.78	8.59	7.93	5.8	3.329	100.7	2.2	0.5
1494	11/6/2016 05:06:05	14.28	45.80	29.70	8.56	7.93	6.1	3.364	100.4	2.1	0.5
1495	11/6/2016 05:21:05	14.30	45.72	29.64	8.52	7.91	6.1	3.355	99.9	2.3	0.6
1496	11/6/2016 05:36:05	14.30	45.63	29.57	8.48	7.91	5.8	3.336	99.4	1.9	0.5
1497	11/6/2016 05:51:05	14.30	44.80	28.98	8.18	7.85	9.4	3.281	95.5	2.2	0.5
1498	11/6/2016 06:06:05	14.34	44.54	28.79	8.11	7.84	7.8	3.260	94.6	2.4	0.6
1499	11/6/2016 06:21:05	14.37	44.63	28.86	8.04	7.83	7.8	3.199	93.9	2.6	0.6
1500	11/6/2016 06:36:05	14.34	44.86	29.02	8.22	7.86	7.3	3.150	96.1	2.5	0.6
1501	11/6/2016 06:51:05	14.33	44.92	29.07	8.24	7.86	7.0	3.086	96.3	2.5	0.6
1502	11/6/2016 07:06:05	14.31	44.88	29.04	8.19	7.86	6.7	3.059	95.7	2.1	0.5
1503	11/6/2016 07:21:05	14.30	44.74	28.94	8.08	7.84	6.2	3.005	94.3	2.1	0.5
1504	11/6/2016 07:36:05	14.34	44.57	28.81	7.98	7.82	6.2	2.986	93.2	2.2	0.5
1505	11/6/2016 07:51:05	14.32	44.37	28.67	7.98	7.82	6.1	2.898	93.0	2.3	0.5
1506	11/6/2016 08:06:05	14.33	44.31	28.63	7.93	7.81	6.1	2.891	92.5	2.5	0.6
1507	11/6/2016 08:21:05	14.26	44.42	28.70	7.89	7.80	6.2	2.841	91.9	2.1	0.5
1508	11/6/2016 08:36:05	14.30	44.23	28.57	7.84	7.80	6.1	2.789	91.3	2.3	0.5
1509	11/6/2016 08:51:05	14.29	44.30	28.62	7.86	7.81	6.3	2.808	91.6	1.9	0.4
1510	11/6/2016 09:06:05	14.31	44.28	28.60	7.85	7.81	5.9	2.764	91.5	2.7	0.6
1511	11/6/2016 09:21:05	14.39	44.30	28.63	7.81	7.81	5.1	2.770	91.2	1.6	0.4
1512	11/6/2016 09:36:05	14.34	44.30	28.62	7.69	7.80	5.3	2.761	89.7	1.7	0.4
1513	11/6/2016 09:51:05	14.43	44.44	28.72	7.82	7.81	5.9	2.738	91.5	2.0	0.5
1514	11/6/2016 10:06:05	14.40	44.40	28.69	7.98	7.82	6.4	2.742	93.2	2.2	0.5
1515	11/6/2016 10:21:05	14.36	44.20	28.55	7.95	7.81	6.2	2.737	92.7	2.7	0.6
1516	11/6/2016 10:36:05	14.36	44.18	28.53	7.88	7.80	6.2	2.742	91.8	2.9	0.7
1517	11/6/2016 10:51:05	14.39	44.42	28.71	7.93	7.81	5.5	2.788	92.6	1.5	0.4
1518	11/6/2016 11:06:05	14.43	44.62	28.85	8.03	7.83	5.6	2.812	93.9	1.8	0.4
1519	11/6/2016 11:21:05	14.40	44.71	28.92	8.03	7.83	5.9	2.854	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
1520	11/6/2016 11:36:05	14.46	44.54	28.79	8.07	7.82	5.5	2.888	94.4	2.2	0.5
1521	11/6/2016 11:51:05	14.44	44.70	28.91	8.11	7.83	6.0	2.912	94.9	1.6	0.4
1522	11/6/2016 12:06:05	14.44	44.88	29.04	8.20	7.86	5.9	2.963	96.1	2.3	0.5
1523	11/6/2016 12:21:05	14.45	44.87	29.04	8.26	7.86	5.1	3.001	96.8	2.2	0.5
1524	11/6/2016 12:36:05	14.47	44.90	29.06	8.30	7.86	5.1	3.055	97.3	2.2	0.5
1525	11/6/2016 12:51:05	14.47	45.01	29.13	8.34	7.87	5.3	3.077	97.8	2.4	0.6
1526	11/6/2016 13:06:05	14.47	45.16	29.24	8.37	7.88	5.4	3.131	98.2	2.0	0.5
1527	11/6/2016 13:21:05	14.52	45.23	29.29	8.42	7.88	5.3	3.161	99.0	2.2	0.5
1528	11/6/2016 13:36:05	14.61	45.19	29.26	8.45	7.88	5.2	3.223	99.5	2.1	0.5
1529	11/6/2016 13:51:05	14.66	45.28	29.33	8.54	7.89	5.4	3.282	100.7	2.4	0.6
1530	11/6/2016 14:06:05	14.49	45.49	29.48	8.50	7.89	5.3	3.319	100.0	1.7	0.4
1531	11/6/2016 14:21:05	14.30	45.87	29.75	8.60	7.92	5.2	3.356	101.0	1.7	0.4
1532	11/6/2016 14:36:05	14.28	45.96	29.81	8.61	7.93	5.4	3.402	101.1	1.8	0.4
1533	11/6/2016 14:51:05	14.26	46.04	29.87	8.62	7.93	5.6	3.421	101.2	1.6	0.4
1534	11/6/2016 15:06:05	14.24	46.09	29.91	8.59	7.94	5.4	3.439	100.7	1.7	0.4
1535	11/6/2016 15:21:05	14.20	46.16	29.96	8.63	7.94	5.1	3.444	101.2	1.7	0.4
1536	11/6/2016 15:36:05	14.19	46.17	29.96	8.64	7.94	5.2	3.456	101.3	1.9	0.4
1537	11/6/2016 15:51:05	14.20	46.16	29.95	8.63	7.94	5.1	3.456	101.2	2.1	0.5
1538	11/6/2016 16:06:05	14.24	46.01	29.85	8.60	7.93	4.8	3.406	100.8	1.6	0.4
1539	11/6/2016 16:21:05	14.33	45.84	29.73	8.60	7.92	5.0	3.387	100.9	1.8	0.4
1540	11/6/2016 16:36:05	14.39	45.73	29.65	8.56	7.91	5.1	3.350	100.6	2.3	0.6
1541	11/6/2016 16:51:05	14.53	45.26	29.31	8.44	7.88	5.6	3.314	99.2	2.7	0.6
1542	11/6/2016 17:06:05	14.47	45.34	29.37	8.41	7.89	5.6	3.249	98.8	2.5	0.6
1543	11/6/2016 17:21:05	14.63	44.97	29.11	8.44	7.88	6.1	3.203	99.3	2.1	0.5
1544	11/6/2016 17:36:05	14.75	44.76	28.96	8.39	7.86	5.6	3.134	98.8	2.5	0.6
1545	11/6/2016 17:51:05	14.77	44.72	28.93	8.42	7.86	6.1	3.047	99.2	3.1	0.7
1546	11/6/2016 18:06:05	14.84	44.62	28.86	8.43	7.86	6.9	2.984	99.5	3.0	0.7
1547	11/6/2016 18:21:05	14.85	44.66	28.89	8.50	7.86	6.1	2.907	100.3	2.8	0.7
1548	11/6/2016 18:36:05	14.78	44.54	28.80	8.37	7.85	6.8	2.839	98.6	2.0	0.5
1549	11/6/2016 18:51:05	14.78	44.41	28.71	8.33	7.85	7.0	2.745	98.1	3.2	0.8
1550	11/6/2016 19:06:05	14.77	44.52	28.79	8.38	7.85	6.4	2.662	98.7	2.5	0.6
1551	11/6/2016 19:21:05	14.79	44.43	28.72	8.35	7.85	6.6	2.584	98.3	2.7	0.6
1552	11/6/2016 19:36:05	14.82	44.25	28.60	8.31	7.84	8.3	2.504	97.8	2.6	0.6
1553	11/6/2016 19:51:05	14.81	44.22	28.57	8.29	7.83	7.2	2.406	97.6	2.9	0.7
1554	11/6/2016 20:06:05	14.85	44.04	28.44	8.27	7.83	7.4	2.321	97.4	2.9	0.7
1555	11/6/2016 20:21:05	14.86	43.91	28.35	8.29	7.83	7.5	2.233	97.5	2.5	0.6
1556	11/6/2016 20:36:05	14.85	43.82	28.29	8.32	7.83	7.3	2.147	97.8	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
1557	11/6/2016 20:51:05	14.83	43.78	28.26	8.29	7.83	7.3	2.048	97.5	3.1	0.7
1558	11/6/2016 21:06:05	14.82	43.74	28.23	8.27	7.82	7.3	2.010	97.1	2.8	0.7
1559	11/6/2016 21:21:05	14.84	43.68	28.19	8.26	7.82	7.0	1.958	97.0	3.1	0.7
1560	11/6/2016 21:36:05	14.85	43.64	28.16	8.24	7.81	7.0	1.868	96.9	2.9	0.7
1561	11/6/2016 21:51:05	14.87	43.59	28.13	8.27	7.82	6.4	1.857	97.2	3.0	0.7
1562	11/6/2016 22:06:05	14.92	43.54	28.09	8.24	7.82	5.8	1.827	96.9	3.3	0.8
1563	11/6/2016 22:21:05	14.90	43.53	28.08	8.25	7.82	5.7	1.811	97.0	3.6	0.9
1564	11/6/2016 22:36:05	14.86	43.53	28.08	8.33	7.82	6.1	1.805	97.8	3.2	0.8
1565	11/6/2016 22:51:05	14.86	43.60	28.13	8.30	7.82	6.4	1.837	97.5	2.9	0.7
1566	11/6/2016 23:06:05	14.91	43.70	28.21	8.24	7.81	5.6	1.869	96.9	2.4	0.6
1567	11/6/2016 23:21:05	14.88	43.70	28.21	8.26	7.81	5.6	1.887	97.2	2.6	0.6
1568	11/6/2016 23:36:05	14.84	43.30	27.92	8.24	7.81	6.3	1.950	96.6	2.7	0.6
1569	11/6/2016 23:51:05	14.87	43.38	27.97	8.23	7.81	5.9	2.025	96.7	3.1	0.7
1570	11/7/2016 00:06:05	14.90	43.29	27.91	8.19	7.80	6.1	2.067	96.2	2.0	0.5
1571	11/7/2016 00:21:05	14.88	43.42	28.00	8.20	7.81	5.6	2.145	96.3	2.7	0.7
1572	11/7/2016 00:36:05	14.87	43.50	28.06	8.18	7.80	5.3	2.207	96.1	2.5	0.6
1573	11/7/2016 00:51:05	14.87	43.51	28.07	8.18	7.80	5.6	2.264	96.1	2.6	0.6
1574	11/7/2016 01:06:05	14.85	43.79	28.26	8.17	7.82	6.1	2.333	96.1	3.0	0.7
1575	11/7/2016 01:21:05	14.82	43.80	28.27	8.18	7.82	5.6	2.389	96.1	2.8	0.7
1576	11/7/2016 01:36:05	14.77	44.10	28.49	8.15	7.82	5.7	2.462	95.8	2.5	0.6
1577	11/7/2016 01:51:05	14.73	44.34	28.66	8.14	7.83	6.1	2.513	95.7	2.4	0.6
1578	11/7/2016 02:06:05	14.73	44.36	28.67	8.16	7.83	5.9	2.594	96.0	2.7	0.6
1579	11/7/2016 02:21:05	14.72	44.39	28.69	8.14	7.82	5.8	2.645	95.7	2.4	0.6
1580	11/7/2016 02:36:05	14.72	44.47	28.75	8.17	7.82	6.0	2.715	96.1	2.6	0.6
1581	11/7/2016 02:51:05	14.70	44.53	28.80	8.17	7.83	6.5	2.788	96.1	2.6	0.6
1582	11/7/2016 03:06:04	14.65	44.61	28.85	8.21	7.84	6.8	2.838	96.5	2.3	0.5
1583	11/7/2016 03:21:04	14.59	44.72	28.93	8.24	7.85	6.6	2.916	96.8	2.4	0.6
1584	11/7/2016 03:36:04	14.54	44.78	28.97	8.29	7.86	7.2	2.974	97.3	2.5	0.6
1585	11/7/2016 03:51:04	14.51	44.97	29.11	8.36	7.87	8.0	3.039	98.2	2.5	0.6
1586	11/7/2016 04:06:04	14.47	45.07	29.18	8.41	7.88	6.8	3.109	98.6	2.4	0.6
1587	11/7/2016 04:21:04	14.45	45.12	29.22	8.40	7.87	6.8	3.157	98.5	2.8	0.7
1588	11/7/2016 04:36:04	14.43	45.19	29.26	8.43	7.89	6.9	3.219	98.9	2.6	0.6
1589	11/7/2016 04:51:04	14.40	45.27	29.32	8.48	7.89	7.5	3.264	99.4	2.0	0.5
1590	11/7/2016 05:06:04	14.38	45.45	29.45	8.53	7.90	6.4	3.303	100.0	2.7	0.6
1591	11/7/2016 05:21:04	14.36	45.62	29.57	8.57	7.91	6.4	3.334	100.5	2.2	0.5
1592	11/7/2016 05:36:04	14.33	45.79	29.69	8.60	7.92	6.4	3.361	101.0	2.3	0.5
1593	11/7/2016 05:51:04	14.31	45.87	29.75	8.57	7.92	4.7	3.357	100.6	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
1594	11/7/2016 06:06:04	14.32	45.83	29.72	8.56	7.92	5.6	3.349	100.5	1.9	0.5
1595	11/7/2016 06:21:04	14.32	45.82	29.71	8.54	7.92	6.1	3.340	100.3	2.2	0.5
1596	11/7/2016 06:36:04	14.36	45.53	29.50	8.49	7.91	6.1	3.306	99.6	2.7	0.6
1597	11/7/2016 06:51:04	14.33	44.96	29.10	8.22	7.86	7.3	3.272	96.1	2.5	0.6
1598	11/7/2016 07:06:04	14.31	44.49	28.76	8.06	7.83	6.4	3.236	94.0	2.0	0.5
1599	11/7/2016 07:21:04	14.37	44.71	28.92	8.09	7.84	6.4	3.176	94.5	2.2	0.5
1600	11/7/2016 07:36:04	14.35	44.69	28.90	8.09	7.84	6.2	3.136	94.6	2.2	0.5
1601	11/7/2016 07:51:04	14.35	44.70	28.91	8.10	7.85	5.7	3.093	94.7	2.4	0.6
1602	11/7/2016 08:06:04	14.35	44.63	28.86	8.03	7.83	5.8	3.031	93.8	2.2	0.5
1603	11/7/2016 08:21:04	14.40	44.49	28.76	7.93	7.82	5.6	2.996	92.7	1.9	0.5
1604	11/7/2016 08:36:04	14.41	44.40	28.70	7.90	7.80	5.1	2.948	92.3	2.2	0.5
1605	11/7/2016 08:51:04	14.41	44.30	28.62	7.88	7.80	5.3	2.891	92.0	2.3	0.5
1606	11/7/2016 09:06:04	14.42	44.13	28.50	7.87	7.80	5.3	2.874	91.8	2.3	0.5
1607	11/7/2016 09:21:04	14.39	44.11	28.49	7.84	7.80	5.3	2.839	91.5	2.0	0.5
1608	11/7/2016 09:36:04	14.43	44.06	28.45	7.83	7.79	5.9	2.788	91.4	1.9	0.4
1609	11/7/2016 09:51:04	14.44	44.06	28.45	7.92	7.80	5.3	2.784	92.5	1.8	0.4
1610	11/7/2016 10:06:04	14.48	44.12	28.50	7.90	7.80	5.3	2.753	92.3	2.3	0.5
1611	11/7/2016 10:21:04	14.59	44.23	28.58	7.96	7.80	5.8	2.719	93.3	2.0	0.5
1612	11/7/2016 10:36:04	14.56	44.21	28.56	7.98	7.80	4.8	2.718	93.4	2.9	0.7
1613	11/7/2016 10:51:04	14.52	44.27	28.61	7.89	7.82	4.7	2.724	92.4	2.1	0.5
1614	11/7/2016 11:06:04	14.68	43.72	28.21	7.95	7.79	5.0	2.707	93.2	2.3	0.5
1615	11/7/2016 11:21:04	14.50	44.24	28.58	7.86	7.80	5.4	2.718	91.9	1.8	0.4
1616	11/7/2016 11:36:04	14.49	44.17	28.53	7.91	7.81	5.0	2.720	92.5	2.1	0.5
1617	11/7/2016 11:51:04	14.51	44.35	28.66	7.95	7.81	4.7	2.733	93.0	1.8	0.4
1618	11/7/2016 12:06:04	14.49	44.47	28.75	7.99	7.82	4.8	2.765	93.5	1.9	0.4
1619	11/7/2016 12:21:04	14.56	44.28	28.61	7.94	7.81	5.0	2.774	93.0	1.9	0.4
1620	11/7/2016 12:36:04	14.79	44.17	28.54	8.06	7.81	4.5	2.820	94.8	1.8	0.4
1621	11/7/2016 12:51:04	14.67	44.28	28.62	8.03	7.81	4.9	2.853	94.3	2.3	0.5
1622	11/7/2016 13:06:04	14.54	44.59	28.84	8.10	7.83	5.0	2.882	94.9	1.9	0.5
1623	11/7/2016 13:21:04	14.65	44.55	28.81	8.16	7.83	5.2	2.933	95.8	1.9	0.4
1624	11/7/2016 13:36:04	14.70	44.71	28.92	8.22	7.85	4.9	2.982	96.7	2.4	0.6
1625	11/7/2016 13:51:04	14.71	44.83	29.01	8.27	7.85	4.8	3.006	97.4	1.9	0.5
1626	11/7/2016 14:06:04	14.65	45.04	29.16	8.33	7.87	5.4	3.058	98.1	2.7	0.6
1627	11/7/2016 14:21:04	14.73	45.06	29.17	8.39	7.88	5.0	3.107	99.0	2.2	0.5
1628	11/7/2016 14:36:04	14.71	45.15	29.24	8.42	7.88	4.6	3.149	99.4	2.2	0.5
1629	11/7/2016 14:51:04	14.71	45.23	29.30	8.46	7.88	4.7	3.198	99.8	2.5	0.6
1630	11/7/2016 15:06:04	14.70	45.29	29.34	8.52	7.88	4.8	3.235	100.6	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
1631	11/7/2016 15:21:04	14.61	45.49	29.48	8.49	7.89	4.9	3.271	100.1	2.0	0.5
1632	11/7/2016 15:36:04	14.47	45.76	29.67	8.52	7.91	5.0	3.311	100.3	2.5	0.6
1633	11/7/2016 15:51:04	14.44	45.87	29.76	8.52	7.91	4.7	3.332	100.3	1.2	0.3
1634	11/7/2016 16:06:04	14.41	45.90	29.78	8.45	7.92	3.7	3.367	99.3	2.3	0.5
1635	11/7/2016 16:21:04	14.41	45.87	29.75	8.34	7.90	4.0	3.386	98.1	1.2	0.3
1636	11/7/2016 16:36:04	14.40	45.88	29.76	8.39	7.91	4.3	3.389	98.7	2.0	0.5
1637	11/7/2016 16:51:04	14.41	45.86	29.74	8.43	7.90	4.9	3.379	99.1	2.4	0.6
1638	11/7/2016 17:06:04	14.46	45.79	29.69	8.50	7.90	5.3	3.379	100.0	2.1	0.5
1639	11/7/2016 17:21:04	14.47	45.66	29.60	8.46	7.91	4.5	3.336	99.5	2.1	0.5
1640	11/7/2016 17:36:04	14.50	45.54	29.52	8.36	7.90	4.7	3.296	98.3	2.4	0.6
1641	11/7/2016 17:51:04	14.61	45.29	29.34	8.31	7.88	5.3	3.256	97.8	2.0	0.5
1642	11/7/2016 18:06:04	15.05	44.75	28.96	8.23	7.85	6.7	3.208	97.6	3.0	0.7
1643	11/7/2016 18:21:04	15.01	44.73	28.95	8.34	7.86	5.9	3.146	98.8	3.4	0.8
1644	11/7/2016 18:36:04	14.81	44.78	28.98	8.37	7.86	6.5	3.074	98.8	2.9	0.7
1645	11/7/2016 18:51:04	14.88	44.74	28.95	8.45	7.87	6.6	3.011	99.8	2.5	0.6
1646	11/7/2016 19:06:04	14.92	44.74	28.95	8.50	7.87	6.2	2.946	100.5	3.3	0.8
1647	11/7/2016 19:21:04	14.82	44.70	28.92	8.44	7.87	6.1	2.872	99.5	2.5	0.6
1648	11/7/2016 19:36:04	14.78	44.78	28.98	8.40	7.86	6.2	2.791	99.0	2.8	0.7
1649	11/7/2016 19:51:04	14.86	44.41	28.71	8.35	7.86	6.5	2.711	98.4	2.7	0.6
1650	11/7/2016 20:06:04	14.84	44.49	28.77	8.36	7.85	6.2	2.641	98.6	2.8	0.7
1651	11/7/2016 20:21:04	14.90	44.15	28.52	8.32	7.84	6.8	2.557	98.0	2.8	0.7
1652	11/7/2016 20:36:04	14.87	44.26	28.60	8.26	7.83	7.3	2.464	97.4	3.0	0.7
1653	11/7/2016 20:51:04	14.92	44.12	28.50	8.25	7.83	7.3	2.401	97.3	3.0	0.7
1654	11/7/2016 21:06:04	14.96	43.93	28.37	8.26	7.83	6.6	2.318	97.4	3.3	0.8
1655	11/7/2016 21:21:04	15.01	43.80	28.28	8.33	7.83	6.5	2.236	98.3	3.1	0.7
1656	11/7/2016 21:36:04	14.98	43.81	28.28	8.30	7.83	6.5	2.158	97.8	2.4	0.6
1657	11/7/2016 21:51:04	15.00	43.72	28.22	8.33	7.83	6.6	2.083	98.2	3.0	0.7
1658	11/7/2016 22:06:04	14.98	43.72	28.22	8.26	7.83	6.7	2.025	97.3	2.7	0.6
1659	11/7/2016 22:21:04	14.98	43.71	28.21	8.22	7.83	6.1	1.951	96.9	2.9	0.7
1660	11/7/2016 22:36:04	15.01	43.57	28.11	8.28	7.83	5.6	1.929	97.6	2.9	0.7
1661	11/7/2016 22:51:04	15.05	43.53	28.08	8.29	7.83	5.4	1.883	97.8	2.6	0.6
1662	11/7/2016 23:06:04	15.08	43.48	28.05	8.34	7.83	6.2	1.844	98.4	3.1	0.7
1663	11/7/2016 23:21:04	15.06	43.49	28.06	8.30	7.81	5.6	1.848	97.9	2.6	0.6
1664	11/7/2016 23:36:04	14.99	43.58	28.12	8.33	7.81	6.0	1.855	98.1	2.8	0.7
1665	11/7/2016 23:51:04	15.03	43.63	28.16	8.26	7.82	5.7	1.869	97.4	3.4	0.8
1666	11/8/2016 00:06:04	15.05	43.70	28.21	8.26	7.82	5.2	1.893	97.5	2.4	0.6
1667	11/8/2016 00:21:04	15.04	43.69	28.20	8.29	7.83	5.6	1.944	97.7	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
1668	11/8/2016 00:36:04	15.00	43.66	28.18	8.25	7.82	5.7	1.980	97.2	2.4	0.6
1669	11/8/2016 00:51:04	15.01	43.45	28.02	8.25	7.82	5.5	2.044	97.2	2.6	0.6
1670	11/8/2016 01:06:04	15.02	43.42	28.01	8.24	7.82	5.3	2.106	97.0	2.4	0.6
1671	11/8/2016 01:21:04	15.01	43.42	28.00	8.20	7.81	5.3	2.161	96.5	3.2	0.8
1672	11/8/2016 01:36:04	14.99	43.58	28.12	8.19	7.81	5.3	2.224	96.5	2.5	0.6
1673	11/8/2016 01:51:04	14.99	43.59	28.13	8.20	7.81	5.0	2.284	96.6	3.3	0.8
1674	11/8/2016 02:06:04	14.96	43.74	28.23	8.19	7.81	5.7	2.354	96.5	2.5	0.6
1675	11/8/2016 02:21:04	14.91	43.91	28.36	8.17	7.82	5.1	2.425	96.2	2.5	0.6
1676	11/8/2016 02:36:04	14.86	44.18	28.55	8.11	7.82	5.3	2.488	95.5	3.0	0.7
1677	11/8/2016 02:51:04	14.85	44.25	28.59	8.13	7.82	5.7	2.566	95.8	2.2	0.5
1678	11/8/2016 03:06:04	14.84	44.32	28.64	8.13	7.83	5.5	2.623	95.8	3.2	0.8
1679	11/8/2016 03:21:04	14.84	44.40	28.70	8.14	7.83	5.6	2.708	96.0	2.4	0.6
1680	11/8/2016 03:36:04	14.83	44.48	28.76	8.14	7.84	6.1	2.767	95.9	3.0	0.7
1681	11/8/2016 03:51:04	14.77	44.64	28.88	8.17	7.84	7.1	2.838	96.3	2.5	0.6
1682	11/8/2016 04:06:04	14.69	44.83	29.01	8.23	7.85	7.5	2.920	96.9	2.4	0.6
1683	11/8/2016 04:21:04	14.65	44.94	29.09	8.28	7.86	7.8	2.995	97.4	2.2	0.5
1684	11/8/2016 04:36:04	14.60	45.03	29.15	8.32	7.87	7.6	3.057	97.8	2.1	0.5
1685	11/8/2016 04:51:04	14.56	45.17	29.25	8.36	7.87	6.9	3.128	98.3	2.5	0.6
1686	11/8/2016 05:06:04	14.53	45.27	29.32	8.40	7.89	7.9	3.201	98.8	2.9	0.7
1687	11/8/2016 05:21:04	14.49	45.35	29.38	8.43	7.89	7.2	3.265	99.0	2.5	0.6
1688	11/8/2016 05:36:04	14.45	45.50	29.48	8.46	7.90	7.2	3.320	99.5	2.6	0.6
1689	11/8/2016 05:51:04	14.42	45.69	29.62	8.51	7.92	6.7	3.379	100.0	2.2	0.5
1690	11/8/2016 06:06:04	14.38	45.88	29.76	8.55	7.92	6.5	3.409	100.6	2.2	0.5
1691	11/8/2016 06:21:04	14.36	46.05	29.88	8.56	7.93	5.8	3.429	100.6	2.4	0.6
1692	11/8/2016 06:36:04	14.34	46.14	29.94	8.57	7.94	5.3	3.452	100.8	2.0	0.5
1693	11/8/2016 06:51:04	14.34	46.18	29.97	8.49	7.94	5.0	3.465	99.9	2.3	0.6
1694	11/8/2016 07:06:04	14.36	46.08	29.90	8.55	7.93	5.7	3.447	100.5	1.6	0.4
1695	11/8/2016 07:21:04	14.38	45.99	29.83	8.47	7.94	5.9	3.426	99.7	1.8	0.4
1696	11/8/2016 07:36:04	14.38	45.69	29.62	8.36	7.91	5.5	3.398	98.2	1.7	0.4
1697	11/8/2016 07:51:04	14.43	44.83	29.00	8.08	7.84	6.5	3.356	94.6	2.4	0.6
1698	11/8/2016 08:06:04	14.47	44.74	28.94	8.01	7.84	6.5	3.297	93.9	2.1	0.5
1699	11/8/2016 08:21:04	14.41	45.09	29.19	8.18	7.86	6.2	3.243	95.9	2.2	0.5
1700	11/8/2016 08:36:04	14.47	45.07	29.18	8.21	7.87	5.4	3.186	96.3	2.1	0.5
1701	11/8/2016 08:51:04	14.49	45.09	29.20	8.16	7.86	5.5	3.127	95.8	2.2	0.5
1702	11/8/2016 09:06:04	14.55	44.93	29.08	8.10	7.84	5.6	3.078	95.1	2.2	0.5
1703	11/8/2016 09:21:04	14.61	44.79	28.98	7.99	7.83	5.1	3.017	94.0	2.5	0.6
1704	11/8/2016 09:36:04	14.67	44.66	28.89	7.96	7.82	5.1	2.960	93.7	1.9	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
1705	11/8/2016 09:51:04	14.74	44.54	28.80	8.03	7.82	4.9	2.903	94.4	2.2	0.5
1706	11/8/2016 10:06:04	14.79	44.53	28.80	8.05	7.81	4.7	2.858	94.8	2.7	0.6
1707	11/8/2016 10:21:04	14.86	44.38	28.69	8.07	7.81	5.0	2.798	95.2	2.4	0.6
1708	11/8/2016 10:36:04	14.91	44.32	28.65	8.08	7.82	4.9	2.760	95.3	2.4	0.6
1709	11/8/2016 10:51:04	14.97	44.19	28.56	8.08	7.82	4.5	2.721	95.4	2.8	0.7
1710	11/8/2016 11:06:04	15.04	44.16	28.53	8.13	7.82	4.5	2.667	96.1	2.5	0.6
1711	11/8/2016 11:21:04	15.10	44.17	28.54	8.15	7.82	4.5	2.643	96.4	1.8	0.4
1712	11/8/2016 11:36:04	15.12	44.16	28.54	8.15	7.82	4.4	2.629	96.5	2.4	0.6
1713	11/8/2016 11:51:04	15.17	44.21	28.57	8.18	7.82	4.7	2.600	97.0	2.1	0.5
1714	11/8/2016 12:06:04	15.19	44.18	28.55	8.18	7.82	4.5	2.593	97.0	2.0	0.5
1715	11/8/2016 12:21:04	14.92	44.27	28.61	8.01	7.81	4.2	2.576	94.5	2.3	0.5
1716	11/8/2016 12:36:04	15.12	44.00	28.42	8.11	7.81	4.4	2.570	96.0	2.4	0.6
1717	11/8/2016 12:51:04	15.14	44.07	28.47	8.18	7.81	3.9	2.581	96.9	2.7	0.6
1718	11/8/2016 13:06:04	15.10	44.21	28.57	8.11	7.80	4.5	2.611	96.0	2.5	0.6
1719	11/8/2016 13:21:04	15.03	44.23	28.59	8.11	7.81	4.5	2.625	95.9	2.6	0.6
1720	11/8/2016 13:36:04	14.88	44.29	28.63	8.03	7.81	4.5	2.634	94.7	2.1	0.5
1721	11/8/2016 13:51:04	15.24	44.10	28.50	8.13	7.80	4.5	2.669	96.5	2.2	0.5
1722	11/8/2016 14:06:04	15.25	44.06	28.47	8.12	7.80	4.7	2.704	96.3	2.2	0.5
1723	11/8/2016 14:21:04	14.93	44.27	28.61	8.06	7.81	4.4	2.751	95.2	1.9	0.5
1724	11/8/2016 14:36:04	15.15	44.24	28.60	8.16	7.81	4.4	2.808	96.7	2.6	0.6
1725	11/8/2016 14:51:04	15.08	44.46	28.75	8.22	7.83	4.4	2.871	97.4	2.5	0.6
1726	11/8/2016 15:06:04	15.08	44.55	28.82	8.25	7.83	4.8	2.879	97.8	3.0	0.7
1727	11/8/2016 15:21:04	15.02	44.66	28.89	8.28	7.84	4.7	2.942	98.0	2.7	0.6
1728	11/8/2016 15:36:04	14.94	44.90	29.06	8.32	7.85	4.4	2.991	98.5	3.0	0.7
1729	11/8/2016 15:51:04	14.90	45.08	29.19	8.38	7.86	4.2	3.044	99.2	2.4	0.6
1730	11/8/2016 16:06:04	14.87	45.16	29.25	8.41	7.87	4.3	3.079	99.5	1.9	0.4
1731	11/8/2016 16:21:04	14.85	45.21	29.29	8.45	7.87	4.4	3.158	100.0	2.7	0.6
1732	11/8/2016 16:36:04	14.83	45.28	29.33	8.44	7.88	4.5	3.174	99.9	2.7	0.6
1733	11/8/2016 16:51:04	14.85	45.35	29.39	8.49	7.89	4.5	3.235	100.5	3.3	0.8
1734	11/8/2016 17:06:04	14.78	45.42	29.44	8.48	7.89	4.8	3.238	100.3	2.7	0.6
1735	11/8/2016 17:21:04	14.75	45.50	29.49	8.41	7.89	4.8	3.243	99.4	2.1	0.5
1736	11/8/2016 17:36:04	14.67	45.64	29.59	8.33	7.90	4.5	3.296	98.4	2.1	0.5
1737	11/8/2016 17:51:04	14.67	45.66	29.61	8.36	7.90	3.6	3.307	98.7	2.9	0.7
1738	11/8/2016 18:06:04	14.66	45.68	29.62	8.32	7.89	3.5	3.294	98.3	2.2	0.5
1739	11/8/2016 18:21:04	14.67	45.62	29.57	8.35	7.89	4.8	3.289	98.6	2.8	0.7
1740	11/8/2016 18:36:04	14.68	45.57	29.54	8.36	7.89	4.3	3.314	98.8	2.6	0.6
1741	11/8/2016 18:51:04	14.70	45.50	29.49	8.30	7.88	5.0	3.200	98.1	2.1	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
1742	11/8/2016 19:06:04	14.74	45.34	29.38	8.32	7.86	5.2	3.235	98.3	2.5	0.6
1743	11/8/2016 19:21:04	14.83	44.80	28.99	8.16	7.83	6.5	3.188	96.4	2.8	0.7
1744	11/8/2016 19:36:04	14.95	44.59	28.84	8.14	7.83	5.9	3.127	96.2	2.4	0.6
1745	11/8/2016 19:51:04	15.03	44.57	28.83	8.20	7.84	5.6	3.106	97.1	2.2	0.5
1746	11/8/2016 20:06:04	15.23	44.50	28.78	8.15	7.84	6.5	3.029	96.9	3.1	0.7
1747	11/8/2016 20:21:04	15.29	44.52	28.80	8.23	7.83	6.8	2.933	97.9	2.3	0.5
1748	11/8/2016 20:36:04	15.49	44.61	28.86	8.24	7.84	8.3	2.849	98.4	2.7	0.6
1749	11/8/2016 20:51:04	15.21	44.66	28.90	8.32	7.85	6.8	2.792	98.9	2.6	0.6
1750	11/8/2016 21:06:04	15.04	44.63	28.87	8.32	7.85	6.4	2.740	98.6	2.7	0.6
1751	11/8/2016 21:21:04	15.21	44.42	28.72	8.37	7.86	6.7	2.671	99.4	2.7	0.6
1752	11/8/2016 21:36:04	15.21	44.35	28.68	8.32	7.86	6.7	2.560	98.8	2.7	0.6
1753	11/8/2016 21:51:04	15.17	44.29	28.63	8.31	7.84	7.2	2.459	98.6	2.9	0.7
1754	11/8/2016 22:06:04	15.29	44.03	28.45	8.41	7.85	7.8	2.403	99.9	2.8	0.7
1755	11/8/2016 22:21:04	15.34	43.90	28.35	8.45	7.84	7.5	2.311	100.3	2.9	0.7
1756	11/8/2016 22:36:04	15.37	43.79	28.28	8.50	7.85	7.1	2.231	101.1	3.0	0.7
1757	11/8/2016 22:51:04	15.36	43.75	28.25	8.54	7.85	7.0	2.159	101.4	3.2	0.8
1758	11/8/2016 23:06:04	15.37	43.72	28.23	8.47	7.85	6.8	2.075	100.6	3.5	0.8
1759	11/8/2016 23:21:04	15.43	43.60	28.14	8.49	7.85	6.8	2.004	100.9	3.2	0.8
1760	11/8/2016 23:36:04	15.39	43.63	28.16	8.45	7.85	6.8	1.950	100.4	2.8	0.7
1761	11/8/2016 23:51:04	15.46	43.52	28.08	8.54	7.86	7.0	1.926	101.6	3.5	0.8
1762	11/9/2016 00:06:04	15.49	43.47	28.05	8.54	7.85	6.6	1.872	101.5	3.2	0.8
1763	11/9/2016 00:21:04	15.49	43.45	28.04	8.54	7.84	6.3	1.829	101.5	3.5	0.8
1764	11/9/2016 00:36:04	15.49	43.45	28.04	8.49	7.83	5.7	1.846	101.0	2.9	0.7
1765	11/9/2016 00:51:04	15.46	43.46	28.04	8.53	7.84	6.2	1.898	101.3	2.8	0.7
1766	11/9/2016 01:06:04	15.45	43.52	28.08	8.49	7.84	6.3	1.870	100.9	3.7	0.9
1767	11/9/2016 01:21:04	15.45	43.57	28.12	8.45	7.83	6.3	1.906	100.4	2.6	0.6
1768	11/9/2016 01:36:04	15.43	43.58	28.13	8.49	7.84	6.1	1.959	100.9	3.2	0.8
1769	11/9/2016 01:51:04	15.43	43.49	28.06	8.46	7.84	6.1	2.074	100.5	3.0	0.7
1770	11/9/2016 02:06:04	15.43	43.40	28.00	8.42	7.83	6.0	2.090	100.0	2.7	0.6
1771	11/9/2016 02:21:04	15.43	43.45	28.03	8.38	7.82	5.7	2.184	99.5	3.0	0.7
1772	11/9/2016 02:36:04	15.40	43.53	28.09	8.40	7.83	5.4	2.233	99.7	2.6	0.6
1773	11/9/2016 02:51:04	15.39	43.54	28.10	8.35	7.83	5.7	2.311	99.2	2.6	0.6
1774	11/9/2016 03:06:04	15.25	43.80	28.28	8.22	7.82	6.2	2.365	97.5	2.9	0.7
1775	11/9/2016 03:21:04	15.23	43.87	28.33	8.24	7.83	5.4	2.460	97.7	2.7	0.6
1776	11/9/2016 03:36:04	15.15	44.08	28.48	8.18	7.83	5.7	2.495	96.9	2.8	0.7
1777	11/9/2016 03:51:04	15.10	44.21	28.57	8.17	7.83	6.1	2.580	96.7	2.9	0.7
1778	11/9/2016 04:06:04	15.06	44.29	28.63	8.15	7.82	5.8	2.661	96.4	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
1779	11/9/2016 04:21:04	15.03	44.47	28.76	8.14	7.82	7.2	2.719	96.4	2.6	0.6
1780	11/9/2016 04:36:04	15.01	44.56	28.82	8.15	7.82	6.5	2.794	96.5	2.6	0.6
1781	11/9/2016 04:51:04	14.95	44.70	28.92	8.17	7.83	7.9	2.890	96.6	2.4	0.6
1782	11/9/2016 05:06:03	14.86	44.79	28.98	8.18	7.84	8.4	2.954	96.6	3.0	0.7
1783	11/9/2016 05:21:03	14.80	44.85	29.03	8.21	7.85	9.8	3.038	96.8	2.7	0.6
1784	11/9/2016 05:36:03	14.73	45.03	29.15	8.27	7.86	9.5	3.113	97.5	3.2	0.8
1785	11/9/2016 05:51:03	14.69	45.20	29.28	8.28	7.87	10.6	3.159	97.7	2.2	0.5
1786	11/9/2016 06:06:03	14.64	45.33	29.37	8.32	7.88	11.4	3.292	98.1	3.0	0.7
1787	11/9/2016 06:21:03	14.58	45.57	29.54	8.41	7.89	10.7	3.289	99.1	2.6	0.6
1788	11/9/2016 06:36:03	14.55	45.69	29.62	8.42	7.90	9.3	3.399	99.2	2.7	0.6
1789	11/9/2016 06:51:03	14.51	45.91	29.78	8.49	7.91	10.4	3.403	100.1	2.7	0.6
1790	11/9/2016 07:06:03	14.46	46.14	29.95	8.58	7.93	9.2	3.482	101.2	2.7	0.6
1791	11/9/2016 07:21:03	14.43	46.32	30.08	8.69	7.94	10.4	3.518	102.5	1.7	0.4
1792	11/9/2016 07:36:03	14.43	46.39	30.12	8.68	7.95	6.4	3.550	102.4	2.4	0.6
1793	11/9/2016 07:51:03	14.42	46.47	30.18	8.70	7.96	6.2	3.551	102.6	2.4	0.6
1794	11/9/2016 08:06:03	14.42	46.47	30.19	8.73	7.94	9.4	3.525	103.0	2.1	0.5
1795	11/9/2016 08:21:03	14.46	46.23	30.01	8.66	7.94	7.6	3.533	102.1	1.6	0.4
1796	11/9/2016 08:36:03	14.57	45.73	29.66	8.38	7.90	9.1	3.495	98.8	2.0	0.5
1797	11/9/2016 08:51:03	14.60	45.59	29.55	8.29	7.88	8.3	3.439	97.8	2.0	0.5
1798	11/9/2016 09:06:03	14.69	45.42	29.43	8.24	7.87	7.2	3.330	97.3	2.0	0.5
1799	11/9/2016 09:21:03	14.71	45.44	29.45	8.37	7.89	7.7	3.251	98.9	2.2	0.5
1800	11/9/2016 09:36:03	14.75	45.32	29.36	8.28	7.88	6.7	3.244	97.8	2.7	0.6
1801	11/9/2016 09:51:03	14.86	45.06	29.18	8.14	7.85	5.9	3.145	96.3	2.5	0.6
1802	11/9/2016 10:06:03	14.93	44.89	29.06	8.09	7.83	5.8	3.063	95.8	2.2	0.5
1803	11/9/2016 10:21:03	15.02	44.86	29.04	8.03	7.82	5.9	3.016	95.1	2.7	0.6
1804	11/9/2016 10:36:03	15.04	44.74	28.95	8.04	7.83	5.9	2.953	95.3	2.2	0.5
1805	11/9/2016 10:51:03	15.16	44.60	28.86	8.08	7.82	5.3	2.872	96.0	2.5	0.6
1806	11/9/2016 11:06:03	15.21	44.58	28.84	8.07	7.81	5.5	2.801	95.9	2.1	0.5
1807	11/9/2016 11:21:03	15.30	44.47	28.76	8.16	7.81	6.0	2.720	97.1	2.0	0.5
1808	11/9/2016 11:36:03	15.40	44.45	28.75	8.18	7.81	5.6	2.642	97.5	2.4	0.6
1809	11/9/2016 11:51:03	15.53	44.56	28.83	8.23	7.81	5.3	2.601	98.5	2.3	0.6
1810	11/9/2016 12:06:03	15.58	44.33	28.67	8.30	7.82	5.4	2.566	99.3	2.6	0.6
1811	11/9/2016 12:21:03	15.69	44.26	28.62	8.35	7.83	5.2	2.443	100.0	2.2	0.5
1812	11/9/2016 12:36:03	15.73	44.10	28.50	8.42	7.83	5.3	2.433	101.0	3.2	0.8
1813	11/9/2016 12:51:03	15.76	44.00	28.43	8.50	7.83	10.3	2.377	101.9	2.8	0.7
1814	11/9/2016 13:06:03	15.82	43.99	28.42	8.47	7.84	4.7	2.382	101.6	3.2	0.8
1815	11/9/2016 13:21:03	15.80	43.94	28.39	8.46	7.83	4.7	2.318	101.5	2.5	0.6

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond	Salinity ppt	DO Conc	pH	Turbidity+	Depth	DO%	Chlorophyll	Fluorescence
			mS/cm		mg/L		NTU	meters		ug/L	%FS
1816	11/9/2016 13:36:03	15.80	43.81	28.30	8.47	7.83	4.5	2.285	101.5	2.9	0.7
1817	11/9/2016 13:51:03	15.45	44.06	28.47	8.17	7.81	4.7	2.300	97.4	2.6	0.6
1818	11/9/2016 14:06:03	15.46	44.10	28.50	8.22	7.80	4.8	2.329	98.0	2.3	0.5
1819	11/9/2016 14:21:03	15.80	44.06	28.47	8.42	7.81	4.5	2.320	101.1	2.9	0.7
1820	11/9/2016 14:36:03	15.71	44.12	28.52	8.34	7.81	4.6	2.370	99.9	2.8	0.7
1821	11/9/2016 14:51:03	15.64	44.15	28.54	8.26	7.81	5.1	2.451	98.8	2.7	0.6
1822	11/9/2016 15:06:03	15.54	44.13	28.52	8.24	7.81	5.3	2.471	98.4	2.8	0.7
1823	11/9/2016 15:21:03	15.57	44.07	28.48	8.23	7.80	4.7	2.537	98.3	3.1	0.7
1824	11/9/2016 15:36:03	15.50	44.11	28.51	8.19	7.80	5.4	2.607	97.7	2.5	0.6
1825	11/9/2016 15:51:03	15.42	44.21	28.58	8.17	7.80	5.9	2.659	97.4	2.6	0.6
1826	11/9/2016 16:06:03	15.33	44.44	28.74	8.17	7.81	6.1	2.706	97.3	2.7	0.6
1827	11/9/2016 16:21:03	15.22	44.69	28.92	8.20	7.82	5.7	2.807	97.5	2.5	0.6
1828	11/9/2016 16:36:03	15.10	44.93	29.09	8.24	7.84	7.2	2.838	97.9	3.2	0.8
1829	11/9/2016 16:51:03	15.01	45.09	29.20	8.28	7.85	6.7	2.886	98.2	2.8	0.7
1830	11/9/2016 17:06:03	14.94	45.26	29.32	8.31	7.85	6.6	2.955	98.5	2.8	0.7
1831	11/9/2016 17:21:03	14.91	45.36	29.39	8.31	7.86	6.1	3.013	98.6	2.3	0.6
1832	11/9/2016 17:36:03	14.88	45.44	29.45	8.34	7.86	6.9	3.073	98.9	2.8	0.7
1833	11/9/2016 17:51:03	14.85	45.44	29.45	8.41	7.87	5.9	3.124	99.7	2.1	0.5
1834	11/9/2016 18:06:03	14.81	45.64	29.60	8.41	7.87	6.8	3.184	99.6	2.7	0.6
1835	11/9/2016 18:21:03	14.79	45.75	29.67	8.46	7.88	6.0	3.234	100.2	2.5	0.6
1836	11/9/2016 18:36:03	14.77	45.83	29.73	8.50	7.88	6.5	3.271	100.7	2.6	0.6
1837	11/9/2016 18:51:03	14.75	45.89	29.78	8.53	7.90	5.9	3.312	101.0	2.3	0.5
1838	11/9/2016 19:06:03	14.75	45.88	29.77	8.51	7.90	5.7	3.343	100.8	3.0	0.7
1839	11/9/2016 19:21:03	14.74	45.93	29.80	8.44	7.90	4.3	3.314	99.9	2.6	0.6
1840	11/9/2016 19:36:03	14.74	45.90	29.78	8.43	7.89	6.2	3.326	99.8	2.0	0.5
1841	11/9/2016 19:51:03	14.75	45.90	29.78	8.44	7.89	5.6	3.319	100.0	2.4	0.6
1842	11/9/2016 20:06:03	14.78	45.80	29.71	8.43	7.89	5.5	3.293	99.8	2.6	0.6
1843	11/9/2016 20:21:03	15.06	45.24	29.31	8.22	7.85	6.5	3.255	97.7	2.7	0.6
1844	11/9/2016 20:36:03	14.96	45.34	29.38	8.22	7.85	6.5	3.198	97.5	2.9	0.7
1845	11/9/2016 20:51:03	15.10	45.00	29.14	8.13	7.83	9.2	3.127	96.6	3.3	0.8
1846	11/9/2016 21:06:03	15.02	45.15	29.25	8.18	7.84	7.5	3.061	97.1	2.4	0.6
1847	11/9/2016 21:21:03	15.13	45.00	29.14	8.27	7.84	7.0	3.001	98.4	3.0	0.7
1848	11/9/2016 21:36:03	15.31	44.74	28.96	8.35	7.83	7.5	2.902	99.5	2.9	0.7
1849	11/9/2016 21:51:03	15.35	44.65	28.89	8.32	7.83	6.7	2.842	99.1	3.5	0.8
1850	11/9/2016 22:06:03	15.27	44.81	29.00	8.30	7.84	7.0	2.755	98.8	2.8	0.7
1851	11/9/2016 22:21:03	15.25	44.82	29.01	8.27	7.84	7.1	2.661	98.5	3.3	0.8
1852	11/9/2016 22:36:03	15.33	44.72	28.94	8.29	7.83	8.1	2.572	98.8	2.7	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	Fluorescence %FS
1853	11/9/2016 22:51:03	15.38	44.54	28.82	8.26	7.83	7.6	2.494	98.4	3.2	0.8
1854	11/9/2016 23:06:03	15.37	44.41	28.72	8.11	7.80	8.3	2.421	96.7	2.9	0.7
1855	11/9/2016 23:21:03	15.41	44.33	28.67	8.09	7.80	8.6	2.331	96.4	2.7	0.6
1856	11/9/2016 23:36:03	15.52	44.15	28.54	8.10	7.80	9.8	2.234	96.7	3.1	0.7
1857	11/9/2016 23:51:03	15.68	43.88	28.35	8.25	7.81	8.1	2.184	98.7	3.3	0.8
1858	11/10/2016 00:06:03	15.73	43.84	28.32	8.31	7.81	6.7	2.104	99.5	3.5	0.8
1859	11/10/2016 00:21:03	15.77	43.79	28.28	8.33	7.81	6.4	2.009	99.8	3.0	0.7
1860	11/10/2016 00:36:03	15.84	43.70	28.22	8.36	7.82	6.1	1.985	100.3	3.4	0.8
1861	11/10/2016 00:51:03	15.89	43.62	28.16	8.45	7.83	5.6	1.924	101.3	3.6	0.8
1862	11/10/2016 01:06:03	15.91	43.57	28.13	8.40	7.82	5.1	1.930	100.8	3.4	0.8
1863	11/10/2016 01:21:03	15.94	43.54	28.11	8.37	7.82	4.8	1.877	100.5	3.4	0.8
1864	11/10/2016 01:36:03	15.91	43.58	28.13	8.39	7.82	4.4	1.857	100.7	3.4	0.8
1865	11/10/2016 01:51:03	15.85	43.65	28.18	8.38	7.81	5.7	1.915	100.5	2.9	0.7
1866	11/10/2016 02:06:03	15.82	43.69	28.21	8.29	7.81	5.6	1.935	99.3	3.3	0.8
1867	11/10/2016 02:21:03	15.80	43.68	28.20	8.29	7.81	6.0	1.965	99.4	3.6	0.8
1868	11/10/2016 02:36:03	15.77	43.72	28.23	8.26	7.80	6.3	2.028	98.9	3.1	0.7
1869	11/10/2016 02:51:03	15.78	43.59	28.14	8.22	7.79	5.8	2.103	98.3	3.3	0.8
1870	11/10/2016 03:06:03	15.75	43.62	28.16	8.20	7.78	5.9	2.166	98.2	2.7	0.6
1871	11/10/2016 03:21:03	15.72	43.62	28.16	8.16	7.79	6.4	2.238	97.5	2.8	0.7
1872	11/10/2016 03:36:03	15.68	43.64	28.18	8.10	7.79	6.3	2.317	96.8	3.1	0.7
1873	11/10/2016 03:51:03	15.62	43.76	28.26	8.09	7.78	6.0	2.391	96.6	2.8	0.7
1874	11/10/2016 04:06:03	15.54	43.91	28.37	8.05	7.79	6.4	2.484	96.0	2.8	0.7
1875	11/10/2016 04:21:03	15.41	44.23	28.59	8.02	7.80	6.7	2.565	95.5	2.9	0.7
1876	11/10/2016 04:36:03	15.31	44.47	28.77	8.05	7.80	7.9	2.626	95.9	2.9	0.7
1877	11/10/2016 04:51:03	15.26	44.60	28.86	8.08	7.80	6.7	2.727	96.1	2.6	0.6
1878	11/10/2016 05:06:03	15.23	44.68	28.91	8.09	7.80	7.9	2.809	96.3	2.3	0.5
1879	11/10/2016 05:21:03	15.17	44.85	29.03	8.13	7.81	9.1	2.870	96.6	2.5	0.6
1880	11/10/2016 05:36:03	15.09	45.03	29.16	8.15	7.83	10.9	2.957	96.8	3.2	0.8
1881	11/10/2016 05:51:03	15.01	45.10	29.21	8.23	7.85	12.4	3.033	97.7	2.9	0.7
1882	11/10/2016 06:06:03	14.93	45.32	29.37	8.33	7.86	15.3	3.128	98.8	2.6	0.6
1883	11/10/2016 06:21:03	14.89	45.50	29.50	8.38	7.87	13.3	3.210	99.4	2.8	0.7
1884	11/10/2016 06:36:03	14.85	45.64	29.60	8.43	7.88	11.1	3.301	100.0	2.9	0.7
1885	11/10/2016 06:51:03	14.77	45.97	29.83	8.52	7.90	12.5	3.392	100.9	2.4	0.6
1886	11/10/2016 07:06:03	14.66	46.57	30.26	8.71	7.92	17.8	3.462	103.3	2.8	0.7
1887	11/10/2016 07:21:03	14.61	46.86	30.47	8.86	7.94	13.9	3.523	105.0	2.4	0.6
1888	11/10/2016 07:36:03	14.56	47.09	30.63	8.93	7.95	12.2	3.596	105.9	2.2	0.5
1889	11/10/2016 07:51:03	14.54	47.22	30.73	8.98	7.95	10.4	3.639	106.5	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
1890	11/10/2016 08:06:03	14.50	47.36	30.83	8.99	7.96	10.6	3.670	106.6	2.5	0.6
1891	11/10/2016 08:21:03	14.48	47.44	30.88	8.99	7.96	9.6	3.690	106.6	1.8	0.4
1892	11/10/2016 08:36:03	14.48	47.47	30.91	8.92	7.95	6.7	3.693	105.8	1.7	0.4
1893	11/10/2016 08:51:03	14.47	47.48	30.92	8.93	7.96	8.4	3.670	105.9	2.0	0.5
1894	11/10/2016 09:06:03	14.59	46.87	30.48	8.78	7.94	8.8	3.627	104.1	2.0	0.5
1895	11/10/2016 09:21:03	14.79	45.95	29.82	8.43	7.88	9.8	3.564	99.9	2.5	0.6
1896	11/10/2016 09:36:03	14.88	45.79	29.70	8.30	7.86	9.6	3.487	98.5	2.5	0.6
1897	11/10/2016 09:51:03	14.90	45.77	29.69	8.37	7.86	8.4	3.417	99.4	1.9	0.5
1898	11/10/2016 10:06:03	14.90	45.87	29.76	8.36	7.87	7.9	3.331	99.3	2.0	0.5
1899	11/10/2016 10:21:03	14.96	45.58	29.55	8.31	7.86	8.2	3.233	98.7	3.0	0.7
1900	11/10/2016 10:36:03	15.00	45.52	29.51	8.28	7.86	7.3	3.147	98.4	2.6	0.6
1901	11/10/2016 10:51:03	15.05	45.41	29.43	8.20	7.84	6.8	3.063	97.5	2.6	0.6
1902	11/10/2016 11:06:03	15.12	45.24	29.31	8.16	7.83	6.9	2.971	97.1	2.6	0.6
1903	11/10/2016 11:21:03	15.19	44.98	29.12	8.15	7.82	6.8	2.866	97.0	2.8	0.7
1904	11/10/2016 11:36:03	15.26	45.01	29.15	8.18	7.82	6.1	2.780	97.5	2.8	0.7
1905	11/10/2016 11:51:03	15.36	44.84	29.03	8.11	7.81	6.6	2.685	96.8	2.5	0.6
1906	11/10/2016 12:06:03	15.44	44.86	29.05	8.14	7.81	6.5	2.596	97.4	2.4	0.6
1907	11/10/2016 12:21:03	15.54	44.62	28.87	8.15	7.80	6.8	2.503	97.6	2.7	0.6
1908	11/10/2016 12:36:03	15.64	44.51	28.80	8.23	7.81	6.5	2.417	98.6	2.4	0.6
1909	11/10/2016 12:51:03	15.74	44.54	28.82	8.27	7.81	6.6	2.318	99.3	2.8	0.7
1910	11/10/2016 13:06:03	15.84	44.32	28.66	8.28	7.81	6.4	2.252	99.5	2.9	0.7
1911	11/10/2016 13:21:03	15.96	44.24	28.60	8.37	7.82	6.0	2.180	100.9	2.6	0.6
1912	11/10/2016 13:36:03	16.09	44.19	28.57	8.39	7.82	6.8	2.098	101.3	3.1	0.7
1913	11/10/2016 13:51:03	16.11	44.04	28.47	8.38	7.81	5.8	2.062	101.1	3.2	0.8
1914	11/10/2016 14:06:03	16.14	43.96	28.41	8.40	7.81	5.8	2.026	101.5	3.4	0.8
1915	11/10/2016 14:21:03	16.21	43.98	28.42	8.36	7.81	5.4	1.992	101.1	3.3	0.8
1916	11/10/2016 14:36:03	16.15	43.94	28.39	8.30	7.80	5.3	1.993	100.2	3.5	0.8
1917	11/10/2016 14:51:03	16.18	44.01	28.45	8.42	7.81	5.3	2.019	101.8	2.9	0.7
1918	11/10/2016 15:06:03	16.14	44.03	28.46	8.38	7.80	5.6	2.050	101.2	3.5	0.8
1919	11/10/2016 15:21:03	16.08	43.99	28.43	8.34	7.81	5.2	2.093	100.6	3.4	0.8
1920	11/10/2016 15:36:03	15.99	44.03	28.46	8.26	7.80	5.5	2.161	99.5	2.9	0.7
	Mean	14.29	46.14	29.94	7.96	7.86	8.19	2.77	93.48	2.42	0.57
	Minimum	12.69	42.66	27.46	6.59	7.73	2.90	1.39	78.30	1.20	0.30
	Maximum	16.21	49.82	32.55	9.01	8.05	21.50	3.88	106.60	4.40	1.00

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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 Time ends 11/6/16 @ 02:00

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 #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
0	11/10/2016 15:56:39	15.94	43.62	28.16	7.64	7.79	5.9	2.277	91.8	3.3	0.8
1	11/10/2016 16:11:39	15.90	43.73	28.24	7.62	7.80	5.7	2.361	91.4	3.1	0.7
2	11/10/2016 16:26:39	15.81	43.95	28.40	7.60	7.81	6.1	2.434	91.2	3.3	0.8
3	11/10/2016 16:41:39	15.65	44.10	28.50	7.53	7.81	6.0	2.511	90.1	2.9	0.7
4	11/10/2016 16:56:39	15.55	44.32	28.66	7.52	7.81	6.0	2.595	89.9	2.5	0.6
5	11/10/2016 17:11:39	15.49	44.39	28.71	7.53	7.82	6.4	2.655	89.9	2.8	0.7
6	11/10/2016 17:26:39	15.37	44.64	28.89	7.55	7.83	6.3	2.718	90.0	2.4	0.6
7	11/10/2016 17:41:39	15.32	44.75	28.97	7.55	7.83	6.3	2.807	90.0	2.7	0.6
8	11/10/2016 17:56:39	15.27	44.89	29.06	7.57	7.84	7.2	2.866	90.3	2.5	0.6
9	11/10/2016 18:11:39	15.20	45.11	29.22	7.64	7.85	7.6	2.937	91.1	2.6	0.6
10	11/10/2016 18:26:39	15.19	45.31	29.37	7.75	7.86	8.4	3.008	92.4	2.8	0.7
11	11/10/2016 18:41:39	15.11	45.47	29.47	7.79	7.87	8.7	3.085	92.8	2.4	0.6
12	11/10/2016 18:56:39	15.07	45.60	29.57	7.83	7.88	8.5	3.151	93.2	2.6	0.6
13	11/10/2016 19:11:39	15.04	45.60	29.57	7.85	7.88	7.1	3.202	93.5	2.9	0.7
14	11/10/2016 19:26:39	15.02	45.79	29.71	7.86	7.89	7.2	3.271	93.6	2.7	0.6
15	11/10/2016 19:41:39	14.99	45.89	29.78	7.90	7.89	7.0	3.319	94.1	2.7	0.6
16	11/10/2016 19:56:39	14.96	46.01	29.86	7.92	7.90	6.2	3.356	94.2	2.7	0.6
17	11/10/2016 20:11:39	14.94	46.07	29.90	7.89	7.90	5.9	3.386	93.8	2.7	0.6
18	11/10/2016 20:26:39	14.92	46.16	29.97	7.86	7.90	5.1	3.414	93.5	2.8	0.7
19	11/10/2016 20:41:39	14.92	46.18	29.98	7.82	7.90	5.7	3.406	93.1	2.9	0.7
20	11/10/2016 20:56:39	14.92	46.18	29.99	7.89	7.90	6.1	3.386	93.9	2.5	0.6
21	11/10/2016 21:11:39	14.95	46.10	29.93	7.87	7.90	6.1	3.354	93.6	2.3	0.5
22	11/10/2016 21:26:39	15.13	45.35	29.39	7.54	7.86	8.3	3.290	89.8	2.5	0.6
23	11/10/2016 21:41:39	15.22	45.24	29.31	7.44	7.84	9.1	3.232	88.7	2.6	0.6
24	11/10/2016 21:56:39	15.15	45.39	29.42	7.65	7.86	8.5	3.155	91.1	3.1	0.7
25	11/10/2016 22:11:39	15.16	45.38	29.41	7.65	7.86	7.4	3.060	91.1	2.8	0.7
26	11/10/2016 22:26:39	15.27	45.13	29.23	7.55	7.85	7.1	2.979	90.1	2.8	0.6
27	11/10/2016 22:41:39	15.34	44.94	29.10	7.52	7.84	7.3	2.906	89.7	2.4	0.6
28	11/10/2016 22:56:39	15.36	44.83	29.02	7.47	7.83	7.2	2.798	89.2	2.8	0.7
29	11/10/2016 23:11:39	15.40	44.79	28.99	7.48	7.83	7.3	2.708	89.3	2.3	0.6
30	11/10/2016 23:26:39	15.33	44.94	29.10	7.46	7.84	7.2	2.624	89.1	2.8	0.7
31	11/10/2016 23:41:39	15.39	44.78	28.99	7.44	7.83	7.8	2.538	88.8	3.2	0.8
32	11/10/2016 23:56:39	15.46	44.55	28.82	7.36	7.82	7.8	2.447	87.9	2.7	0.6
33	11/11/2016 00:11:39	15.42	44.58	28.84	7.29	7.81	8.6	2.343	87.0	2.9	0.7
34	11/11/2016 00:26:39	15.48	44.45	28.75	7.31	7.81	9.2	2.267	87.3	3.4	0.8
35	11/11/2016 00:41:39	15.48	44.44	28.75	7.29	7.81	8.4	2.176	87.1	3.5	0.8
36	11/11/2016 00:56:39	15.61	44.21	28.58	7.31	7.81	8.1	2.070	87.4	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
37	11/11/2016 01:11:39	15.72	44.01	28.44	7.33	7.81	7.2	2.016	87.8	3.3	0.8
38	11/11/2016 01:26:39	15.74	43.97	28.41	7.36	7.81	6.5	1.959	88.1	3.0	0.7
39	11/11/2016 01:41:39	15.79	43.84	28.32	7.36	7.81	6.6	1.889	88.3	2.8	0.7
40	11/11/2016 01:56:39	15.85	43.77	28.27	7.37	7.81	6.4	1.873	88.4	3.1	0.7
41	11/11/2016 02:11:39	15.91	43.66	28.19	7.34	7.81	5.8	1.852	88.1	3.2	0.8
42	11/11/2016 02:26:39	15.86	43.66	28.19	7.29	7.81	6.1	1.847	87.4	2.7	0.6
43	11/11/2016 02:41:39	15.81	43.78	28.28	7.32	7.81	5.7	1.865	87.8	3.2	0.8
44	11/11/2016 02:56:39	15.78	43.82	28.30	7.30	7.80	6.1	1.902	87.4	3.3	0.8
45	11/11/2016 03:11:39	15.76	43.78	28.27	7.33	7.81	6.0	1.945	87.8	3.2	0.7
46	11/11/2016 03:26:39	15.72	43.87	28.34	7.28	7.80	6.0	2.032	87.2	2.7	0.6
47	11/11/2016 03:41:39	15.71	43.66	28.19	7.26	7.79	6.5	2.121	86.8	3.3	0.8
48	11/11/2016 03:56:40	15.70	43.56	28.12	7.23	7.79	6.5	2.199	86.4	2.7	0.6
49	11/11/2016 04:11:39	15.67	43.58	28.13	7.22	7.79	6.5	2.276	86.2	3.0	0.7
50	11/11/2016 04:26:39	15.63	43.91	28.37	7.22	7.79	7.0	2.361	86.3	3.0	0.7
51	11/11/2016 04:41:39	15.54	44.14	28.53	7.23	7.80	6.4	2.454	86.4	2.7	0.6
52	11/11/2016 04:56:39	15.44	44.46	28.75	7.26	7.81	7.0	2.538	86.7	2.5	0.6
53	11/11/2016 05:11:39	15.35	44.68	28.91	7.33	7.82	7.6	2.617	87.4	2.4	0.6
54	11/11/2016 05:26:39	15.30	44.74	28.96	7.37	7.82	7.8	2.711	87.8	2.5	0.6
55	11/11/2016 05:41:39	15.26	44.89	29.07	7.39	7.83	8.3	2.793	88.0	2.1	0.5
56	11/11/2016 05:56:39	15.19	45.11	29.22	7.44	7.84	10.8	2.874	88.6	2.8	0.7
57	11/11/2016 06:11:39	15.09	45.33	29.38	7.51	7.85	14.1	2.965	89.4	2.8	0.6
58	11/11/2016 06:26:39	14.98	45.60	29.57	7.62	7.87	14.5	3.080	90.5	2.8	0.7
59	11/11/2016 06:41:39	14.91	45.81	29.72	7.69	7.88	13.6	3.158	91.3	2.8	0.7
60	11/11/2016 06:56:40	14.84	46.05	29.89	7.76	7.89	14.7	3.260	92.1	2.7	0.6
61	11/11/2016 07:11:40	14.75	46.32	30.08	7.81	7.90	17.2	3.368	92.7	2.2	0.5
62	11/11/2016 07:26:39	14.59	46.93	30.52	8.00	7.93	18.9	3.486	94.8	2.8	0.7
63	11/11/2016 07:41:39	14.48	47.26	30.76	8.12	7.94	17.0	3.546	96.3	2.8	0.7
64	11/11/2016 07:56:40	14.40	47.51	30.94	8.16	7.95	16.5	3.628	96.6	2.6	0.6
65	11/11/2016 08:11:39	14.32	47.64	31.02	8.16	7.96	13.2	3.688	96.5	2.2	0.5
66	11/11/2016 08:26:40	14.27	47.81	31.15	8.15	7.96	12.0	3.767	96.4	1.9	0.5
67	11/11/2016 08:41:39	14.19	47.97	31.26	8.14	7.97	10.8	3.799	96.2	1.8	0.4
68	11/11/2016 08:56:39	14.12	48.12	31.37	8.12	7.97	8.9	3.813	95.9	2.1	0.5
69	11/11/2016 09:11:39	14.09	48.16	31.40	8.05	7.97	6.3	3.831	95.1	1.7	0.4
70	11/11/2016 09:26:39	14.09	48.17	31.41	8.13	7.97	8.6	3.826	95.9	2.2	0.5
71	11/11/2016 09:41:39	14.19	47.93	31.23	8.11	7.97	9.0	3.784	95.8	1.8	0.4
72	11/11/2016 09:56:39	14.37	47.38	30.84	7.98	7.94	9.7	3.732	94.4	2.0	0.5
73	11/11/2016 10:11:39	14.65	46.60	30.28	7.87	7.91	7.5	3.656	93.3	2.0	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	11/11/2016 10:26:39	14.77	46.21	30.00	7.72	7.89	7.5	3.548	91.6	2.1	0.5
75	11/11/2016 10:41:39	14.78	46.31	30.07	7.77	7.90	8.4	3.459	92.3	1.9	0.4
76	11/11/2016 10:56:39	14.78	46.42	30.15	7.82	7.90	8.8	3.362	92.9	2.8	0.7
77	11/11/2016 11:11:39	14.86	46.23	30.02	7.79	7.89	7.8	3.252	92.6	2.4	0.6
78	11/11/2016 11:26:39	14.95	46.00	29.86	7.75	7.88	7.8	3.120	92.2	1.9	0.5
79	11/11/2016 11:41:39	15.07	45.66	29.62	7.70	7.87	7.9	3.002	91.7	2.6	0.6
80	11/11/2016 11:56:39	15.17	45.29	29.35	7.63	7.86	8.1	2.897	90.8	2.8	0.6
81	11/11/2016 12:11:39	15.12	45.66	29.61	7.67	7.87	7.3	2.790	91.4	2.8	0.7
82	11/11/2016 12:26:39	15.27	45.19	29.28	7.62	7.85	7.8	2.672	90.9	2.8	0.7
83	11/11/2016 12:41:39	15.32	45.13	29.24	7.59	7.85	7.5	2.579	90.6	2.3	0.5
84	11/11/2016 12:56:39	15.29	45.45	29.46	7.65	7.86	7.2	2.468	91.4	2.5	0.6
85	11/11/2016 13:11:39	15.39	45.03	29.16	7.61	7.85	8.3	2.347	90.9	2.8	0.7
86	11/11/2016 13:26:39	15.46	44.85	29.04	7.60	7.85	8.8	2.235	90.9	2.6	0.6
87	11/11/2016 13:41:39	15.52	44.80	29.01	7.58	7.84	8.4	2.142	90.7	2.8	0.7
88	11/11/2016 13:56:39	15.59	44.53	28.81	7.57	7.84	8.4	2.059	90.6	3.1	0.7
89	11/11/2016 14:11:39	15.67	44.28	28.63	7.57	7.83	7.3	1.965	90.7	3.5	0.8
90	11/11/2016 14:26:40	15.70	44.17	28.55	7.58	7.83	7.2	1.859	90.8	3.1	0.7
91	11/11/2016 14:41:40	15.73	44.02	28.45	7.56	7.83	6.5	1.819	90.6	3.1	0.7
92	11/11/2016 14:56:39	15.76	43.87	28.34	7.51	7.82	6.5	1.773	89.9	3.1	0.7
93	11/11/2016 15:11:39	15.77	43.79	28.28	7.47	7.82	5.9	1.746	89.5	3.8	0.9
94	11/11/2016 15:26:40	15.77	43.78	28.28	7.37	7.81	5.1	1.732	88.2	3.2	0.8
95	11/11/2016 15:41:39	15.77	43.79	28.28	7.50	7.81	6.3	1.748	89.8	3.7	0.9
96	11/11/2016 15:56:39	15.76	43.82	28.30	7.51	7.81	6.2	1.800	89.9	3.3	0.8
97	11/11/2016 16:11:39	15.74	43.88	28.34	7.51	7.81	5.9	1.833	89.9	3.4	0.8
98	11/11/2016 16:26:39	15.72	43.95	28.40	7.48	7.81	6.0	1.919	89.6	3.5	0.8
99	11/11/2016 16:41:40	15.69	43.57	28.12	7.42	7.80	7.4	2.018	88.6	3.9	0.9
100	11/11/2016 16:56:40	15.67	43.56	28.11	7.40	7.79	7.5	2.119	88.4	3.9	0.9
101	11/11/2016 17:11:39	15.63	43.94	28.39	7.39	7.80	7.8	2.191	88.4	3.6	0.9
102	11/11/2016 17:26:39	15.57	44.12	28.52	7.39	7.81	7.4	2.282	88.3	2.9	0.7
103	11/11/2016 17:41:39	15.47	44.48	28.77	7.41	7.81	7.8	2.363	88.5	3.6	0.8
104	11/11/2016 17:56:39	15.39	44.72	28.94	7.41	7.82	8.0	2.454	88.5	3.3	0.8
105	11/11/2016 18:11:39	15.35	44.85	29.04	7.41	7.82	8.1	2.545	88.5	3.2	0.7
106	11/11/2016 18:26:39	15.31	44.98	29.13	7.43	7.83	8.7	2.635	88.7	3.0	0.7
107	11/11/2016 18:41:39	15.28	45.10	29.22	7.45	7.83	8.6	2.710	88.9	3.1	0.7
108	11/11/2016 18:56:39	15.22	45.29	29.35	7.48	7.84	10.3	2.811	89.1	2.4	0.6
109	11/11/2016 19:11:39	15.15	45.44	29.45	7.53	7.85	11.4	2.890	89.7	2.8	0.7
110	11/11/2016 19:26:39	15.10	45.58	29.55	7.56	7.85	12.5	2.979	90.1	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
111	11/11/2016 19:41:39	14.98	45.86	29.75	7.66	7.87	13.2	3.078	91.1	2.1	0.5
112	11/11/2016 19:56:39	14.93	45.99	29.85	7.69	7.87	10.5	3.154	91.5	2.4	0.6
113	11/11/2016 20:11:39	14.84	46.22	30.01	7.77	7.89	10.6	3.234	92.3	2.7	0.6
114	11/11/2016 20:26:40	14.72	46.57	30.26	7.84	7.90	11.2	3.291	93.1	2.4	0.6
115	11/11/2016 20:41:39	14.65	46.78	30.42	7.92	7.91	12.1	3.359	94.0	2.3	0.5
116	11/11/2016 20:56:39	14.57	47.04	30.60	8.00	7.92	9.8	3.433	94.9	1.8	0.4
117	11/11/2016 21:11:39	14.51	47.23	30.73	8.04	7.93	9.2	3.481	95.3	2.8	0.7
118	11/11/2016 21:26:39	14.46	47.33	30.81	8.07	7.93	8.2	3.502	95.6	1.9	0.4
119	11/11/2016 21:41:39	14.45	47.41	30.86	7.96	7.93	5.8	3.534	94.3	2.2	0.5
120	11/11/2016 21:56:39	14.44	47.41	30.86	8.03	7.93	7.5	3.533	95.1	2.2	0.5
121	11/11/2016 22:11:39	14.45	47.39	30.85	8.08	7.93	8.3	3.470	95.8	2.1	0.5
122	11/11/2016 22:26:39	14.54	47.13	30.66	7.96	7.92	8.7	3.422	94.4	2.5	0.6
123	11/11/2016 22:41:39	14.88	45.94	29.81	7.63	7.87	10.1	3.349	90.7	2.3	0.5
124	11/11/2016 22:56:39	14.86	46.00	29.86	7.63	7.87	12.8	3.274	90.6	2.5	0.6
125	11/11/2016 23:11:39	14.84	46.07	29.90	7.70	7.87	9.8	3.213	91.4	2.4	0.6
126	11/11/2016 23:26:39	14.99	45.63	29.59	7.58	7.86	10.9	3.115	90.1	2.6	0.6
127	11/11/2016 23:41:39	15.01	45.49	29.49	7.47	7.84	9.1	3.011	88.8	2.7	0.6
128	11/11/2016 23:56:39	15.07	45.33	29.37	7.38	7.83	9.2	2.913	87.8	2.8	0.7
129	11/12/2016 00:11:39	15.12	45.25	29.32	7.32	7.82	8.8	2.816	87.1	2.4	0.6
130	11/12/2016 00:26:39	15.15	45.09	29.20	7.28	7.81	9.4	2.719	86.6	2.5	0.6
131	11/12/2016 00:41:39	15.11	45.15	29.25	7.22	7.81	8.5	2.634	85.9	2.6	0.6
132	11/12/2016 00:56:39	15.15	45.00	29.14	7.22	7.80	8.6	2.540	85.9	2.7	0.6
133	11/12/2016 01:11:39	15.20	44.86	29.04	7.25	7.80	8.7	2.432	86.2	2.9	0.7
134	11/12/2016 01:26:40	15.23	44.79	28.99	7.25	7.80	8.6	2.347	86.3	2.3	0.5
135	11/12/2016 01:41:39	15.24	44.68	28.91	7.22	7.80	8.9	2.256	86.0	3.0	0.7
136	11/12/2016 01:56:39	15.28	44.49	28.78	7.19	7.79	8.8	2.188	85.5	3.0	0.7
137	11/12/2016 02:11:39	15.29	44.34	28.67	7.17	7.79	7.6	2.128	85.3	2.8	0.7
138	11/12/2016 02:26:39	15.32	44.22	28.58	7.16	7.78	7.3	2.035	85.1	2.6	0.6
139	11/12/2016 02:41:39	15.35	44.08	28.49	7.12	7.78	6.9	2.013	84.7	2.6	0.6
140	11/12/2016 02:56:40	15.39	43.91	28.36	7.10	7.77	6.5	1.993	84.5	2.8	0.7
141	11/12/2016 03:11:39	15.43	43.81	28.29	7.10	7.77	6.1	1.945	84.5	2.5	0.6
142	11/12/2016 03:26:40	15.39	43.94	28.38	7.10	7.77	6.3	1.955	84.5	2.6	0.6
143	11/12/2016 03:41:39	15.39	44.02	28.44	7.13	7.77	6.4	1.977	84.8	2.5	0.6
144	11/12/2016 03:56:40	15.37	44.02	28.44	7.12	7.78	7.0	2.013	84.7	2.4	0.6
145	11/12/2016 04:11:39	15.35	44.00	28.43	7.13	7.77	7.0	2.110	84.8	3.4	0.8
146	11/12/2016 04:26:39	15.32	43.94	28.38	7.15	7.77	7.6	2.129	84.9	3.0	0.7
147	11/12/2016 04:41:40	15.29	43.64	28.17	7.13	7.77	7.5	2.256	84.6	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
148	11/12/2016 04:56:39	15.30	43.89	28.34	7.16	7.78	7.9	2.357	85.0	2.3	0.5
149	11/12/2016 05:11:39	15.29	44.21	28.57	7.19	7.78	8.4	2.487	85.4	2.5	0.6
150	11/12/2016 05:26:39	15.22	44.55	28.82	7.23	7.79	8.7	2.550	85.9	2.4	0.6
151	11/12/2016 05:41:39	15.18	44.77	28.98	7.29	7.81	8.5	2.637	86.6	2.7	0.6
152	11/12/2016 05:56:39	15.15	44.91	29.08	7.34	7.81	8.5	2.724	87.3	2.5	0.6
153	11/12/2016 06:11:39	15.14	45.02	29.16	7.36	7.82	9.2	2.817	87.5	2.4	0.6
154	11/12/2016 06:26:39	15.10	45.20	29.28	7.40	7.83	12.3	2.918	88.0	2.4	0.6
155	11/12/2016 06:41:39	15.00	45.52	29.51	7.46	7.84	14.7	3.025	88.6	2.1	0.5
156	11/12/2016 06:56:39	14.90	45.77	29.69	7.51	7.85	15.0	3.135	89.2	2.6	0.6
157	11/12/2016 07:11:39	14.76	46.09	29.92	7.63	7.86	17.7	3.241	90.5	2.2	0.5
158	11/12/2016 07:26:39	14.67	46.35	30.11	7.72	7.88	15.0	3.335	91.4	1.6	0.4
159	11/12/2016 07:41:39	14.59	46.60	30.28	7.78	7.89	16.6	3.448	92.1	2.2	0.5
160	11/12/2016 07:56:39	14.42	47.15	30.68	7.96	7.91	19.8	3.550	94.2	2.1	0.5
161	11/12/2016 08:11:39	14.26	47.67	31.05	8.14	7.93	18.9	3.673	96.3	2.5	0.6
162	11/12/2016 08:26:39	14.16	47.93	31.23	8.24	7.94	17.4	3.755	97.3	2.0	0.5
163	11/12/2016 08:41:39	14.11	48.08	31.34	8.29	7.95	16.7	3.836	97.9	2.5	0.6
164	11/12/2016 08:56:38	14.08	48.20	31.42	8.36	7.96	13.6	3.914	98.6	1.6	0.4
165	11/12/2016 09:11:39	14.06	48.27	31.48	8.39	7.96	10.9	3.975	99.1	1.2	0.3
166	11/12/2016 09:26:38	14.03	48.36	31.54	8.47	7.97	10.1	4.016	99.9	1.6	0.4
167	11/12/2016 09:41:38	14.03	48.36	31.54	8.48	7.97	9.1	4.033	100.1	1.5	0.4
168	11/12/2016 09:56:39	14.04	48.37	31.55	8.40	7.97	7.8	4.028	99.2	1.8	0.4
169	11/12/2016 10:11:38	14.03	48.37	31.55	8.46	7.97	10.0	4.000	99.9	1.3	0.3
170	11/12/2016 10:26:38	14.13	48.18	31.41	8.32	7.96	9.8	3.973	98.3	2.2	0.5
171	11/12/2016 10:41:38	14.43	47.69	31.07	8.17	7.93	10.2	3.883	96.9	1.9	0.4
172	11/12/2016 10:56:39	14.74	47.06	30.62	8.06	7.91	9.5	3.779	95.9	1.6	0.4
173	11/12/2016 11:11:38	14.96	46.42	30.16	7.85	7.88	7.5	3.677	93.5	1.6	0.4
174	11/12/2016 11:26:39	14.85	46.72	30.37	7.90	7.90	9.3	3.570	94.1	2.2	0.5
175	11/12/2016 11:41:39	14.91	46.43	30.16	7.83	7.88	14.1	3.443	93.3	2.5	0.6
176	11/12/2016 11:56:39	14.98	46.34	30.10	7.79	7.88	11.5	3.307	92.8	2.1	0.5
177	11/12/2016 12:11:39	15.09	46.07	29.91	7.75	7.87	11.5	3.190	92.5	2.7	0.6
178	11/12/2016 12:26:39	15.12	46.03	29.88	7.73	7.87	9.5	3.062	92.2	2.5	0.6
179	11/12/2016 12:41:39	15.03	46.38	30.13	7.88	7.89	8.0	2.948	94.1	2.0	0.5
180	11/12/2016 12:56:38	15.27	45.56	29.55	7.70	7.85	9.3	2.809	92.0	2.0	0.5
181	11/12/2016 13:11:39	15.28	45.75	29.68	7.81	7.86	8.3	2.691	93.4	2.0	0.5
182	11/12/2016 13:26:39	15.36	45.62	29.59	7.75	7.86	9.4	2.555	92.9	2.4	0.6
183	11/12/2016 13:41:39	15.43	45.66	29.62	7.81	7.87	8.8	2.410	93.7	2.1	0.5
184	11/12/2016 13:56:39	15.58	45.39	29.43	7.82	7.86	11.5	2.280	93.9	2.0	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
185	11/12/2016 14:11:39	15.71	44.96	29.12	7.81	7.85	11.5	2.155	93.9	2.0	0.5
186	11/12/2016 14:26:39	15.83	45.02	29.17	7.79	7.85	10.6	1.998	93.9	2.8	0.7
187	11/12/2016 14:41:39	15.91	44.77	28.99	7.82	7.85	12.4	1.864	94.3	2.8	0.7
188	11/12/2016 14:56:39	15.95	44.42	28.74	7.83	7.84	11.3	1.761	94.4	2.9	0.7
189	11/12/2016 15:11:39	16.00	44.38	28.71	7.82	7.84	10.6	1.651	94.4	2.1	0.5
190	11/12/2016 15:26:39	15.99	44.08	28.49	7.81	7.83	9.8	1.584	94.0	2.9	0.7
191	11/12/2016 15:41:39	16.03	44.02	28.45	7.83	7.83	9.2	1.503	94.4	3.2	0.8
192	11/12/2016 15:56:39	16.04	43.96	28.41	7.78	7.83	8.7	1.484	93.8	3.3	0.8
193	11/12/2016 16:11:39	16.04	43.92	28.38	7.71	7.83	7.3	1.460	92.9	3.8	0.9
194	11/12/2016 16:26:39	16.02	43.96	28.41	7.84	7.83	7.6	1.464	94.4	2.8	0.7
195	11/12/2016 16:41:39	15.97	43.99	28.43	7.81	7.83	7.4	1.551	94.0	2.9	0.7
196	11/12/2016 16:56:39	15.91	43.95	28.40	7.78	7.82	6.8	1.582	93.5	2.8	0.7
197	11/12/2016 17:11:39	15.89	43.97	28.41	7.74	7.82	7.2	1.677	93.0	2.8	0.7
198	11/12/2016 17:26:39	15.87	43.52	28.09	7.65	7.80	8.6	1.790	91.7	4.1	1.0
199	11/12/2016 17:41:39	15.86	43.47	28.05	7.62	7.79	8.7	1.884	91.3	3.7	0.9
200	11/12/2016 17:56:39	15.84	43.41	28.01	7.60	7.79	8.6	1.994	91.1	3.5	0.8
201	11/12/2016 18:11:39	15.82	43.92	28.38	7.59	7.80	9.3	2.092	91.0	3.1	0.7
202	11/12/2016 18:26:39	15.76	44.16	28.55	7.56	7.80	9.1	2.191	90.7	3.1	0.7
203	11/12/2016 18:41:39	15.65	44.51	28.80	7.53	7.81	8.6	2.304	90.3	3.0	0.7
204	11/12/2016 18:56:39	15.55	44.76	28.97	7.49	7.81	9.6	2.398	89.7	2.7	0.6
205	11/12/2016 19:11:39	15.50	44.89	29.07	7.47	7.81	10.3	2.476	89.5	2.7	0.6
206	11/12/2016 19:26:39	15.44	45.04	29.17	7.49	7.81	10.4	2.584	89.6	2.4	0.6
207	11/12/2016 19:41:39	15.38	45.16	29.26	7.52	7.82	11.1	2.676	89.9	2.9	0.7
208	11/12/2016 19:56:39	15.29	45.36	29.40	7.56	7.83	12.9	2.775	90.3	3.0	0.7
209	11/12/2016 20:11:39	15.24	45.51	29.51	7.59	7.83	13.7	2.871	90.7	2.4	0.6
210	11/12/2016 20:26:39	15.17	45.62	29.59	7.63	7.84	17.7	2.972	91.0	2.6	0.6
211	11/12/2016 20:41:40	15.09	45.86	29.76	7.69	7.85	15.9	3.068	91.7	2.8	0.6
212	11/12/2016 20:56:39	15.04	46.00	29.86	7.74	7.86	16.4	3.161	92.3	2.6	0.6
213	11/12/2016 21:11:39	14.84	46.69	30.35	8.02	7.89	19.4	3.256	95.5	2.3	0.5
214	11/12/2016 21:26:39	14.69	47.17	30.70	8.26	7.91	19.0	3.332	98.2	2.8	0.7
215	11/12/2016 21:41:39	14.64	47.30	30.79	8.33	7.92	14.2	3.400	99.0	1.9	0.4
216	11/12/2016 21:56:39	14.58	47.50	30.94	8.36	7.93	14.7	3.475	99.4	2.1	0.5
217	11/12/2016 22:11:39	14.43	47.87	31.20	8.43	7.95	13.6	3.543	100.0	2.2	0.5
218	11/12/2016 22:26:39	14.36	48.08	31.35	8.45	7.96	10.0	3.561	100.2	2.5	0.6
219	11/12/2016 22:41:39	14.33	48.15	31.40	8.40	7.96	6.6	3.592	99.6	1.9	0.4
220	11/12/2016 22:56:39	14.32	48.18	31.42	8.37	7.96	7.6	3.595	99.3	2.3	0.5
221	11/12/2016 23:11:39	14.31	48.18	31.42	8.45	7.96	9.6	3.570	100.2	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
222	11/12/2016 23:26:39	14.45	47.77	31.13	8.26	7.94	12.6	3.508	98.1	1.9	0.4
223	11/12/2016 23:41:39	14.67	46.97	30.55	7.98	7.90	13.4	3.432	94.9	2.5	0.6
224	11/12/2016 23:56:39	14.73	46.75	30.39	7.96	7.89	11.9	3.344	94.6	2.1	0.5
225	11/13/2016 00:11:39	14.74	46.65	30.32	7.92	7.88	10.6	3.225	94.1	1.9	0.4
226	11/13/2016 00:26:39	14.90	46.21	30.01	7.78	7.86	12.1	3.112	92.6	2.4	0.6
227	11/13/2016 00:41:39	14.95	46.04	29.89	7.65	7.85	11.0	3.021	91.1	2.4	0.6
228	11/13/2016 00:56:39	15.00	45.93	29.81	7.57	7.84	9.4	2.935	90.1	1.9	0.4
229	11/13/2016 01:11:39	15.04	45.77	29.70	7.48	7.83	9.6	2.838	89.1	2.1	0.5
230	11/13/2016 01:26:39	15.11	45.53	29.52	7.40	7.81	9.1	2.720	88.1	2.1	0.5
231	11/13/2016 01:41:39	15.13	45.30	29.36	7.26	7.80	9.3	2.609	86.4	2.1	0.5
232	11/13/2016 01:56:39	15.15	45.27	29.33	7.33	7.80	9.9	2.512	87.3	3.3	0.8
233	11/13/2016 02:11:39	15.15	45.22	29.30	7.35	7.80	10.2	2.423	87.5	2.4	0.6
234	11/13/2016 02:26:39	15.20	45.07	29.19	7.32	7.80	10.4	2.332	87.2	2.2	0.5
235	11/13/2016 02:41:39	15.20	45.03	29.16	7.30	7.79	10.3	2.227	86.9	2.9	0.7
236	11/13/2016 02:56:39	15.29	44.70	28.93	7.25	7.78	9.7	2.166	86.3	3.1	0.7
237	11/13/2016 03:11:39	15.26	44.66	28.90	7.22	7.78	8.6	2.091	85.9	2.5	0.6
238	11/13/2016 03:26:39	15.28	44.55	28.82	7.19	7.78	8.3	2.033	85.6	2.6	0.6
239	11/13/2016 03:41:39	15.33	44.35	28.68	7.16	7.77	7.6	2.021	85.2	2.2	0.5
240	11/13/2016 03:56:39	15.38	44.24	28.60	7.13	7.77	7.0	1.958	85.0	3.0	0.7
241	11/13/2016 04:11:39	15.36	44.17	28.55	7.14	7.77	6.0	1.969	84.9	2.4	0.6
242	11/13/2016 04:26:40	15.33	44.15	28.53	7.18	7.77	6.1	1.983	85.4	2.8	0.7
243	11/13/2016 04:41:40	15.33	44.28	28.63	7.19	7.77	6.5	2.038	85.6	1.8	0.4
244	11/13/2016 04:56:39	15.33	44.30	28.64	7.22	7.77	7.0	2.119	85.9	2.3	0.5
245	11/13/2016 05:11:40	15.33	44.43	28.73	7.21	7.77	7.6	2.181	85.9	2.1	0.5
246	11/13/2016 05:26:39	15.20	44.06	28.47	7.17	7.76	8.6	2.287	85.1	2.3	0.5
247	11/13/2016 05:41:39	15.25	44.38	28.70	7.21	7.77	9.2	2.378	85.7	2.3	0.5
248	11/13/2016 05:56:40	15.23	44.56	28.82	7.23	7.78	9.2	2.483	86.0	2.2	0.5
249	11/13/2016 06:11:39	15.16	44.91	29.07	7.31	7.79	9.3	2.565	86.9	2.8	0.7
250	11/13/2016 06:26:39	15.10	45.19	29.28	7.40	7.81	9.3	2.671	88.0	2.7	0.6
251	11/13/2016 06:41:39	15.07	45.41	29.43	7.48	7.82	9.2	2.768	89.0	2.5	0.6
252	11/13/2016 06:56:39	15.04	45.56	29.54	7.53	7.83	11.3	2.868	89.6	1.9	0.4
253	11/13/2016 07:11:39	14.96	45.91	29.79	7.61	7.84	14.6	2.969	90.5	2.2	0.5
254	11/13/2016 07:26:39	14.86	46.19	29.99	7.70	7.85	16.1	3.079	91.5	2.0	0.5
255	11/13/2016 07:41:40	14.77	46.49	30.21	7.79	7.87	17.4	3.192	92.6	2.2	0.5
256	11/13/2016 07:56:39	14.61	46.82	30.44	7.92	7.89	17.5	3.305	94.0	1.9	0.5
257	11/13/2016 08:11:39	14.52	47.11	30.65	8.02	7.90	16.9	3.413	95.0	1.5	0.3
258	11/13/2016 08:26:39	14.36	47.64	31.03	8.18	7.93	19.8	3.537	96.8	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
259	11/13/2016 08:41:39	14.24	48.02	31.30	8.30	7.94	19.7	3.663	98.2	2.0	0.5
260	11/13/2016 08:56:39	14.17	48.25	31.46	8.37	7.95	19.1	3.769	98.9	2.0	0.5
261	11/13/2016 09:11:39	14.09	48.45	31.61	8.38	7.96	18.0	3.873	99.1	1.6	0.4
262	11/13/2016 09:26:40	14.03	48.62	31.73	8.38	7.97	15.9	3.957	99.0	2.4	0.6
263	11/13/2016 09:41:39	13.99	48.77	31.84	8.39	7.98	13.4	4.038	99.1	1.7	0.4
264	11/13/2016 09:56:39	13.97	48.82	31.87	8.40	7.98	11.5	4.106	99.2	1.5	0.4
265	11/13/2016 10:11:39	13.96	48.89	31.92	8.38	7.98	8.9	4.145	99.0	1.5	0.4
266	11/13/2016 10:26:39	13.95	48.89	31.92	8.33	7.98	6.5	4.172	98.3	1.5	0.4
267	11/13/2016 10:41:40	13.98	48.85	31.90	8.37	7.98	8.2	4.164	98.8	1.2	0.3
268	11/13/2016 10:56:39	13.98	48.82	31.87	8.38	7.98	9.8	4.139	99.0	1.2	0.3
269	11/13/2016 11:11:39	14.13	48.52	31.66	8.35	7.97	11.1	4.056	98.9	1.6	0.4
270	11/13/2016 11:26:39	14.25	48.63	31.74	8.41	7.97	10.0	3.966	99.8	2.1	0.5
271	11/13/2016 11:41:39	14.61	47.70	31.08	8.18	7.93	10.9	3.857	97.4	1.7	0.4
272	11/13/2016 11:56:39	14.67	47.49	30.93	8.13	7.93	8.4	3.740	96.8	1.8	0.4
273	11/13/2016 12:11:39	14.71	47.27	30.77	8.12	7.92	10.1	3.600	96.7	2.2	0.5
274	11/13/2016 12:26:40	14.80	46.94	30.53	7.97	7.90	15.5	3.475	94.9	2.2	0.5
275	11/13/2016 12:41:39	14.91	46.88	30.49	7.98	7.90	12.0	3.343	95.2	1.9	0.4
276	11/13/2016 12:56:39	15.03	46.65	30.32	7.95	7.89	10.8	3.184	95.0	2.1	0.5
277	11/13/2016 13:11:39	15.06	46.68	30.35	7.99	7.89	9.9	3.065	95.6	2.2	0.5
278	11/13/2016 13:26:39	15.24	46.13	29.96	7.85	7.87	10.3	2.911	94.0	2.2	0.5
279	11/13/2016 13:41:39	15.25	46.18	29.99	7.94	7.88	10.1	2.764	95.1	1.9	0.5
280	11/13/2016 13:56:39	15.21	46.63	30.31	8.04	7.90	9.4	2.624	96.5	1.9	0.5
281	11/13/2016 14:11:39	15.30	46.55	30.26	8.11	7.90	9.1	2.485	97.4	2.2	0.5
282	11/13/2016 14:26:39	15.46	45.73	29.67	7.93	7.87	10.6	2.318	95.3	2.5	0.6
283	11/13/2016 14:41:39	15.55	45.48	29.49	7.83	7.86	11.0	2.164	94.1	2.6	0.6
284	11/13/2016 14:56:39	15.65	45.25	29.33	7.84	7.85	11.1	2.016	94.3	2.4	0.6
285	11/13/2016 15:11:39	15.73	45.25	29.33	7.82	7.85	12.3	1.865	94.2	2.3	0.5
286	11/13/2016 15:26:39	15.76	44.88	29.06	7.82	7.84	12.9	1.715	94.1	3.0	0.7
287	11/13/2016 15:41:39	15.82	44.71	28.95	7.85	7.84	12.4	1.563	94.5	3.1	0.7
288	11/13/2016 15:56:39	15.84	44.61	28.87	7.85	7.83	11.1	1.423	94.5	2.8	0.7
289	11/13/2016 16:11:39	15.89	44.44	28.75	7.84	7.83	10.5	1.333	94.4	3.0	0.7
290	11/13/2016 16:26:39	15.93	44.29	28.64	7.86	7.83	10.6	1.241	94.7	2.8	0.7
291	11/13/2016 16:41:39	15.96	44.21	28.58	7.86	7.83	9.5	1.199	94.7	3.4	0.8
292	11/13/2016 16:56:39	15.94	44.10	28.51	7.90	7.83	8.6	1.205	95.1	2.8	0.7
293	11/13/2016 17:11:39	15.91	44.29	28.64	7.90	7.83	8.7	1.245	95.1	2.8	0.7
294	11/13/2016 17:26:39	15.88	44.35	28.69	7.86	7.82	8.4	1.346	94.6	2.9	0.7
295	11/13/2016 17:41:39	15.81	44.24	28.61	7.83	7.82	7.9	1.410	94.0	2.8	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
296	11/13/2016 17:56:39	15.75	43.98	28.42	7.78	7.81	11.0	1.514	93.2	3.3	0.8
297	11/13/2016 18:11:39	15.74	43.85	28.33	7.75	7.80	9.8	1.630	92.8	3.7	0.9
298	11/13/2016 18:26:39	15.70	43.68	28.20	7.73	7.80	9.9	1.730	92.4	2.8	0.7
299	11/13/2016 18:41:39	15.70	43.92	28.37	7.71	7.80	10.2	1.813	92.3	3.9	0.9
300	11/13/2016 18:56:39	15.72	44.29	28.64	7.71	7.81	9.1	1.935	92.5	3.1	0.7
301	11/13/2016 19:11:39	15.67	44.59	28.85	7.69	7.81	8.7	2.040	92.2	3.5	0.8
302	11/13/2016 19:26:39	15.56	45.02	29.16	7.65	7.82	9.7	2.138	91.7	2.9	0.7
303	11/13/2016 19:41:39	15.51	45.16	29.26	7.62	7.82	10.2	2.264	91.3	2.9	0.7
304	11/13/2016 19:56:39	15.49	45.25	29.32	7.60	7.82	10.4	2.365	91.1	2.3	0.5
305	11/13/2016 20:11:39	15.44	45.39	29.43	7.61	7.82	11.0	2.478	91.3	2.7	0.6
306	11/13/2016 20:26:39	15.37	45.54	29.54	7.64	7.83	12.6	2.593	91.4	2.8	0.7
307	11/13/2016 20:41:39	15.29	45.72	29.66	7.68	7.84	13.3	2.696	91.9	2.6	0.6
308	11/13/2016 20:56:39	15.24	45.89	29.79	7.72	7.84	15.1	2.804	92.3	2.8	0.7
309	11/13/2016 21:11:39	15.16	45.98	29.85	7.76	7.85	18.1	2.902	92.7	2.5	0.6
310	11/13/2016 21:26:39	15.07	46.25	30.04	7.81	7.86	17.3	3.010	93.3	3.0	0.7
311	11/13/2016 21:41:39	14.88	46.85	30.47	8.00	7.89	18.6	3.107	95.5	2.5	0.6
312	11/13/2016 21:56:39	14.72	47.35	30.83	8.15	7.92	19.1	3.207	97.1	2.1	0.5
313	11/13/2016 22:11:39	14.65	47.53	30.96	8.18	7.92	18.0	3.302	97.4	2.5	0.6
314	11/13/2016 22:26:38	14.58	47.67	31.05	8.20	7.93	18.6	3.394	97.5	1.8	0.4
315	11/13/2016 22:41:39	14.48	47.93	31.24	8.22	7.94	15.6	3.461	97.6	1.9	0.5
316	11/13/2016 22:56:39	14.35	48.23	31.46	8.27	7.95	13.3	3.538	98.1	1.9	0.4
317	11/13/2016 23:11:39	14.29	48.38	31.56	8.28	7.96	10.0	3.589	98.2	1.4	0.3
318	11/13/2016 23:26:39	14.24	48.47	31.62	8.25	7.96	7.3	3.620	97.8	1.8	0.4
319	11/13/2016 23:41:39	14.21	48.55	31.68	8.22	7.97	4.9	3.626	97.4	1.9	0.5
320	11/13/2016 23:56:39	14.20	48.57	31.70	8.29	7.97	7.9	3.618	98.3	2.4	0.6
321	11/14/2016 00:11:39	14.22	48.52	31.66	8.28	7.97	8.2	3.571	98.1	1.6	0.4
322	11/14/2016 00:26:39	14.62	47.14	30.67	7.89	7.90	11.7	3.504	93.7	2.1	0.5
323	11/14/2016 00:41:39	14.57	47.16	30.69	7.90	7.90	11.2	3.421	93.7	2.5	0.6
324	11/14/2016 00:56:39	14.52	47.38	30.84	7.99	7.91	9.5	3.306	94.8	2.0	0.5
325	11/14/2016 01:11:39	14.61	47.13	30.67	7.88	7.90	10.3	3.195	93.6	2.0	0.5
326	11/14/2016 01:26:39	14.71	46.95	30.54	7.85	7.89	11.5	3.110	93.3	2.6	0.6
327	11/14/2016 01:41:39	14.75	46.82	30.44	7.79	7.88	9.8	2.998	92.6	2.7	0.6
328	11/14/2016 01:56:39	14.81	46.61	30.29	7.73	7.86	10.3	2.899	91.9	1.8	0.4
329	11/14/2016 02:11:39	14.87	46.38	30.13	7.62	7.85	9.4	2.807	90.6	1.8	0.4
330	11/14/2016 02:26:39	14.90	46.15	29.96	7.47	7.83	9.5	2.678	88.8	1.9	0.4
331	11/14/2016 02:41:39	14.88	46.12	29.94	7.53	7.83	9.8	2.598	89.5	2.1	0.5
332	11/14/2016 02:56:39	14.93	45.94	29.81	7.54	7.83	10.8	2.510	89.6	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
333	11/14/2016 03:11:39	14.97	45.79	29.70	7.51	7.83	9.8	2.413	89.3	2.2	0.5
334	11/14/2016 03:26:38	15.01	45.61	29.58	7.46	7.82	10.1	2.321	88.7	2.4	0.6
335	11/14/2016 03:41:39	15.03	45.43	29.45	7.41	7.81	10.0	2.229	88.0	3.0	0.7
336	11/14/2016 03:56:39	15.01	45.25	29.32	7.34	7.80	8.9	2.174	87.2	2.6	0.6
337	11/14/2016 04:11:38	15.01	44.94	29.09	7.27	7.78	7.9	2.105	86.2	2.5	0.6
338	11/14/2016 04:26:39	15.02	44.91	29.07	7.27	7.78	7.7	2.033	86.1	2.3	0.5
339	11/14/2016 04:41:39	15.10	44.70	28.92	7.23	7.78	7.3	2.038	85.8	2.5	0.6
340	11/14/2016 04:56:39	15.09	44.63	28.87	7.21	7.77	6.7	2.036	85.5	2.6	0.6
341	11/14/2016 05:11:39	15.06	44.65	28.89	7.28	7.78	7.0	2.045	86.3	2.3	0.5
342	11/14/2016 05:26:39	15.10	44.87	29.05	7.29	7.78	7.5	2.088	86.5	2.8	0.7
343	11/14/2016 05:41:39	15.07	44.83	29.01	7.32	7.78	7.0	2.167	86.9	2.1	0.5
344	11/14/2016 05:56:39	15.02	44.85	29.03	7.33	7.78	8.4	2.243	86.8	2.1	0.5
345	11/14/2016 06:11:39	14.88	44.65	28.89	7.32	7.78	9.3	2.339	86.4	2.5	0.6
346	11/14/2016 06:26:39	15.02	45.10	29.21	7.37	7.79	8.9	2.449	87.5	2.6	0.6
347	11/14/2016 06:41:39	14.96	45.49	29.49	7.43	7.81	10.0	2.534	88.2	2.6	0.6
348	11/14/2016 06:56:39	14.93	45.74	29.67	7.49	7.82	10.1	2.644	89.0	2.8	0.7
349	11/14/2016 07:11:39	14.90	46.02	29.87	7.60	7.84	9.8	2.739	90.4	2.3	0.5
350	11/14/2016 07:26:39	14.89	46.23	30.02	7.65	7.85	10.4	2.828	91.0	2.2	0.5
351	11/14/2016 07:41:39	14.84	46.32	30.09	7.69	7.85	11.8	2.940	91.4	2.1	0.5
352	11/14/2016 07:56:39	14.76	46.62	30.30	7.74	7.86	13.1	3.047	92.0	2.3	0.5
353	11/14/2016 08:11:39	14.67	46.91	30.51	7.81	7.88	14.5	3.156	92.7	2.1	0.5
354	11/14/2016 08:26:39	14.58	47.15	30.68	7.87	7.89	18.4	3.264	93.4	2.5	0.6
355	11/14/2016 08:41:39	14.42	47.53	30.95	7.98	7.91	15.9	3.389	94.5	2.4	0.6
356	11/14/2016 08:56:39	14.29	47.87	31.19	8.04	7.93	15.5	3.507	95.2	1.9	0.4
357	11/14/2016 09:11:39	14.13	48.26	31.47	8.11	7.94	16.7	3.625	95.8	2.2	0.5
358	11/14/2016 09:26:39	14.01	48.52	31.65	8.12	7.95	15.9	3.740	95.8	1.8	0.4
359	11/14/2016 09:41:39	13.98	48.64	31.75	8.14	7.95	13.7	3.855	96.1	2.2	0.5
360	11/14/2016 09:56:39	13.89	48.80	31.86	8.17	7.96	14.0	3.961	96.4	1.6	0.4
361	11/14/2016 10:11:39	13.82	48.91	31.94	8.17	7.96	12.3	4.041	96.2	1.7	0.4
362	11/14/2016 10:26:39	13.84	48.89	31.92	8.16	7.96	9.7	4.130	96.1	1.5	0.4
363	11/14/2016 10:41:39	13.76	49.04	32.03	8.17	7.96	8.0	4.204	96.2	1.6	0.4
364	11/14/2016 10:56:39	13.79	49.01	32.01	8.13	7.96	6.7	4.230	95.7	1.4	0.3
365	11/14/2016 11:11:39	13.91	48.82	31.87	8.06	7.96	5.6	4.271	95.0	1.6	0.4
366	11/14/2016 11:26:39	13.81	49.00	32.00	8.11	7.96	7.2	4.256	95.5	2.1	0.5
367	11/14/2016 11:41:39	13.83	48.92	31.94	8.13	7.96	9.1	4.206	95.8	2.0	0.5
368	11/14/2016 11:56:39	13.84	48.95	31.96	8.14	7.96	8.1	4.146	96.0	1.8	0.4
369	11/14/2016 12:11:39	14.01	48.79	31.85	8.19	7.96	7.7	4.044	96.8	1.5	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
370	11/14/2016 12:26:39	13.95	48.84	31.89	8.22	7.96	8.4	3.919	97.1	1.6	0.4
371	11/14/2016 12:41:39	14.32	48.07	31.34	8.09	7.94	7.2	3.784	95.9	1.8	0.4
372	11/14/2016 12:56:39	14.58	47.47	30.91	8.00	7.91	9.5	3.658	95.1	2.1	0.5
373	11/14/2016 13:11:39	14.60	47.46	30.90	7.96	7.91	10.6	3.515	94.7	2.2	0.5
374	11/14/2016 13:26:39	14.62	47.43	30.88	7.96	7.91	11.5	3.366	94.7	2.3	0.5
375	11/14/2016 13:41:39	14.68	47.30	30.79	7.93	7.90	10.6	3.224	94.4	2.1	0.5
376	11/14/2016 13:56:39	14.78	46.98	30.56	7.87	7.89	12.2	3.074	93.7	2.3	0.5
377	11/14/2016 14:11:39	14.86	46.69	30.35	7.83	7.88	12.7	2.925	93.3	2.7	0.6
378	11/14/2016 14:26:39	14.84	46.75	30.40	7.83	7.88	11.6	2.773	93.3	2.5	0.6
379	11/14/2016 14:41:39	14.61	47.42	30.88	7.97	7.91	10.3	2.596	94.7	2.5	0.6
380	11/14/2016 14:56:39	14.94	46.40	30.15	7.74	7.86	11.7	2.441	92.3	2.6	0.6
381	11/14/2016 15:11:39	14.93	46.42	30.16	7.78	7.87	10.4	2.271	92.7	3.0	0.7
382	11/14/2016 15:26:39	15.05	45.99	29.85	7.68	7.85	13.1	2.093	91.6	2.3	0.5
383	11/14/2016 15:41:39	15.11	45.85	29.75	7.64	7.84	13.1	1.939	91.1	2.8	0.7
384	11/14/2016 15:56:39	15.19	45.64	29.60	7.61	7.83	14.7	1.764	90.8	2.8	0.7
385	11/14/2016 16:11:39	15.30	45.29	29.35	7.54	7.81	14.8	1.578	90.0	3.0	0.7
386	11/14/2016 16:26:39	15.34	45.16	29.26	7.52	7.80	14.1	1.424	89.8	3.3	0.8
387	11/14/2016 16:41:39	15.36	45.15	29.25	7.50	7.80	14.3	1.290	89.7	3.2	0.7
388	11/14/2016 16:56:38	15.39	44.99	29.14	7.48	7.79	15.5	1.140	89.4	3.2	0.8
389	11/14/2016 17:11:39	15.43	44.88	29.06	7.46	7.79	15.4	1.051	89.1	3.6	0.9
390	11/14/2016 17:26:39	15.44	44.81	29.01	7.42	7.79	13.1	0.974	88.7	3.9	0.9
391	11/14/2016 17:41:39	15.43	44.88	29.06	7.42	7.79	13.8	0.989	88.7	4.0	0.9
392	11/14/2016 17:56:39	15.42	44.87	29.06	7.46	7.79	10.6	1.053	89.2	3.6	0.9
393	11/14/2016 18:11:39	15.42	44.86	29.04	7.46	7.79	10.6	1.151	89.2	3.6	0.8
394	11/14/2016 18:26:39	15.41	44.75	28.97	7.44	7.78	10.7	1.255	88.9	2.8	0.6
395	11/14/2016 18:41:39	15.36	44.67	28.91	7.45	7.78	10.3	1.362	88.8	3.3	0.8
396	11/14/2016 18:56:39	15.24	44.33	28.66	7.43	7.77	12.1	1.446	88.2	3.5	0.8
397	11/14/2016 19:11:39	15.17	44.06	28.47	7.43	7.76	13.0	1.508	88.0	4.0	1.0
398	11/14/2016 19:26:39	15.18	44.19	28.56	7.44	7.76	11.9	1.643	88.2	3.3	0.8
399	11/14/2016 19:41:39	15.20	44.49	28.78	7.45	7.77	12.8	1.738	88.5	3.8	0.9
400	11/14/2016 19:56:39	15.21	44.66	28.90	7.45	7.78	10.8	1.830	88.5	3.5	0.8
401	11/14/2016 20:11:39	15.16	44.94	29.10	7.48	7.79	10.6	1.972	89.0	2.6	0.6
402	11/14/2016 20:26:39	15.13	45.57	29.55	7.51	7.81	12.0	2.080	89.5	3.5	0.8
403	11/14/2016 20:41:39	15.11	45.70	29.64	7.54	7.82	12.6	2.209	89.8	2.8	0.7
404	11/14/2016 20:56:39	15.08	45.82	29.73	7.55	7.82	13.7	2.330	89.9	2.7	0.6
405	11/14/2016 21:11:39	15.04	45.96	29.83	7.56	7.83	14.8	2.455	90.1	3.0	0.7
406	11/14/2016 21:26:39	14.97	46.16	29.98	7.59	7.83	17.7	2.587	90.4	3.2	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	11/14/2016 21:41:39	14.92	46.26	30.05	7.62	7.84	17.3	2.688	90.7	2.6	0.6
408	11/14/2016 21:56:39	14.85	46.41	30.15	7.66	7.85	21.6	2.813	91.1	2.9	0.7
409	11/14/2016 22:11:39	14.76	46.72	30.37	7.74	7.86	19.4	2.924	92.1	2.6	0.6
410	11/14/2016 22:26:39	14.51	47.38	30.84	7.93	7.90	17.2	3.023	94.1	3.1	0.7
411	11/14/2016 22:41:39	14.38	47.72	31.09	8.01	7.91	18.9	3.139	95.0	2.3	0.5
412	11/14/2016 22:56:39	14.33	47.86	31.19	8.01	7.92	21.8	3.243	94.8	2.6	0.6
413	11/14/2016 23:11:39	14.20	48.13	31.38	8.07	7.93	21.8	3.344	95.5	2.9	0.7
414	11/14/2016 23:26:39	14.11	48.34	31.53	8.12	7.95	17.2	3.431	96.0	2.5	0.6
415	11/14/2016 23:41:39	14.05	48.43	31.59	8.15	7.96	17.0	3.521	96.2	2.6	0.6
416	11/14/2016 23:56:39	14.01	48.55	31.68	8.18	7.96	11.7	3.596	96.5	2.4	0.6
417	11/15/2016 00:11:39	14.01	48.61	31.72	8.15	7.97	9.2	3.633	96.3	2.2	0.5
418	11/15/2016 00:26:39	13.99	48.65	31.75	8.15	7.97	5.9	3.671	96.2	1.9	0.5
419	11/15/2016 00:41:39	14.05	48.44	31.60	8.09	7.96	7.8	3.689	95.5	1.9	0.4
420	11/15/2016 00:56:39	14.00	48.65	31.75	8.15	7.97	7.9	3.671	96.3	2.2	0.5
421	11/15/2016 01:11:39	14.14	48.27	31.48	8.11	7.95	9.1	3.599	95.8	2.4	0.6
422	11/15/2016 01:26:39	14.28	47.75	31.11	7.92	7.92	11.2	3.534	93.6	2.2	0.5
423	11/15/2016 01:41:39	14.28	47.56	30.97	7.94	7.92	12.3	3.453	93.8	2.4	0.6
424	11/15/2016 01:56:39	14.30	47.52	30.94	7.96	7.92	8.6	3.339	94.1	2.2	0.5
425	11/15/2016 02:11:39	14.40	47.30	30.78	7.85	7.90	10.6	3.233	92.8	2.4	0.6
426	11/15/2016 02:26:39	14.42	47.30	30.79	7.84	7.90	13.1	3.127	92.8	2.6	0.6
427	11/15/2016 02:41:39	14.45	47.27	30.77	7.76	7.89	10.1	3.019	91.9	2.5	0.6
428	11/15/2016 02:56:39	14.49	47.22	30.72	7.75	7.88	10.4	2.928	91.9	2.4	0.6
429	11/15/2016 03:11:39	14.52	47.09	30.63	7.70	7.87	9.5	2.832	91.3	2.5	0.6
430	11/15/2016 03:26:39	14.61	46.81	30.44	7.66	7.86	10.0	2.731	90.8	2.5	0.6
431	11/15/2016 03:41:39	14.59	46.81	30.43	7.59	7.86	10.6	2.637	89.9	2.3	0.5
432	11/15/2016 03:56:39	14.71	46.44	30.17	7.56	7.84	10.0	2.550	89.7	2.5	0.6
433	11/15/2016 04:11:39	14.64	46.60	30.28	7.58	7.85	9.4	2.460	89.9	2.5	0.6
434	11/15/2016 04:26:39	14.72	46.30	30.07	7.54	7.84	9.9	2.379	89.4	2.4	0.6
435	11/15/2016 04:41:39	14.77	46.11	29.94	7.51	7.83	10.2	2.318	89.1	2.5	0.6
436	11/15/2016 04:56:39	14.87	45.80	29.71	7.44	7.81	9.9	2.260	88.4	2.5	0.6
437	11/15/2016 05:11:39	14.87	45.71	29.65	7.40	7.81	9.0	2.205	87.8	2.5	0.6
438	11/15/2016 05:26:39	14.90	45.54	29.52	7.34	7.80	8.4	2.178	87.0	1.7	0.4
439	11/15/2016 05:41:39	14.96	45.33	29.38	7.25	7.79	7.3	2.164	86.0	2.2	0.5
440	11/15/2016 05:56:39	14.97	45.32	29.37	7.21	7.79	7.3	2.161	85.6	2.2	0.5
441	11/15/2016 06:11:39	14.92	45.57	29.55	7.36	7.80	8.1	2.198	87.3	2.5	0.6
442	11/15/2016 06:26:39	14.90	45.63	29.59	7.38	7.80	8.7	2.249	87.6	2.0	0.5
443	11/15/2016 06:41:39	14.85	45.73	29.66	7.41	7.81	8.8	2.305	87.8	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
444	11/15/2016 06:56:39	14.81	45.32	29.36	7.36	7.79	9.6	2.396	87.0	2.3	0.5
445	11/15/2016 07:11:39	14.81	45.59	29.56	7.41	7.80	9.8	2.499	87.8	2.3	0.5
446	11/15/2016 07:26:39	14.78	45.90	29.78	7.44	7.81	10.8	2.598	88.2	2.1	0.5
447	11/15/2016 07:41:39	14.72	46.21	30.00	7.49	7.83	10.5	2.686	88.8	2.0	0.5
448	11/15/2016 07:56:39	14.65	46.47	30.19	7.60	7.85	11.3	2.810	90.0	1.8	0.4
449	11/15/2016 08:11:39	14.59	46.74	30.39	7.67	7.86	11.5	2.901	90.9	2.4	0.6
450	11/15/2016 08:26:39	14.56	46.83	30.44	7.70	7.87	12.8	3.005	91.2	1.9	0.4
451	11/15/2016 08:41:39	14.48	47.06	30.61	7.75	7.88	13.9	3.116	91.8	2.2	0.5
452	11/15/2016 08:56:39	14.40	47.32	30.80	7.80	7.89	13.7	3.239	92.3	1.9	0.4
453	11/15/2016 09:11:39	14.35	47.42	30.87	7.82	7.90	16.1	3.359	92.4	2.4	0.6
454	11/15/2016 09:26:39	14.21	47.80	31.14	7.90	7.92	15.9	3.471	93.4	2.4	0.6
455	11/15/2016 09:41:39	14.14	48.01	31.29	7.94	7.93	15.9	3.594	93.8	2.4	0.6
456	11/15/2016 09:56:39	14.01	48.33	31.52	8.02	7.94	14.1	3.716	94.6	1.8	0.4
457	11/15/2016 10:11:39	13.93	48.59	31.70	8.04	7.95	14.2	3.830	94.7	1.8	0.4
458	11/15/2016 10:26:39	13.88	48.66	31.76	8.02	7.96	14.2	3.950	94.5	2.3	0.5
459	11/15/2016 10:41:39	13.84	48.79	31.85	8.02	7.96	11.5	4.033	94.4	2.4	0.6
460	11/15/2016 10:56:39	13.83	48.83	31.88	8.02	7.96	10.1	4.112	94.4	1.9	0.5
461	11/15/2016 11:11:39	13.81	48.87	31.90	8.05	7.96	8.9	4.193	94.8	2.0	0.5
462	11/15/2016 11:26:39	13.81	48.86	31.90	8.07	7.97	7.2	4.251	95.0	2.2	0.5
463	11/15/2016 11:41:39	13.92	48.55	31.68	8.00	7.96	6.6	4.275	94.3	1.5	0.4
464	11/15/2016 11:56:39	13.87	48.79	31.85	7.99	7.97	4.8	4.290	94.1	1.7	0.4
465	11/15/2016 12:11:39	13.82	48.87	31.91	8.06	7.97	6.2	4.284	94.9	1.5	0.4
466	11/15/2016 12:26:39	14.04	48.53	31.67	8.01	7.95	8.9	4.222	94.6	1.7	0.4
467	11/15/2016 12:41:39	13.97	48.67	31.77	8.03	7.96	7.6	4.154	94.8	1.5	0.4
468	11/15/2016 12:56:39	14.05	48.64	31.75	8.08	7.96	7.8	4.037	95.5	2.2	0.5
469	11/15/2016 13:11:39	14.37	47.88	31.20	8.02	7.94	6.7	3.919	95.0	1.1	0.3
470	11/15/2016 13:26:39	14.55	47.55	30.97	7.94	7.91	8.8	3.799	94.4	2.3	0.5
471	11/15/2016 13:41:39	14.50	47.59	31.00	7.93	7.92	10.2	3.675	94.1	2.1	0.5
472	11/15/2016 13:56:39	14.42	47.68	31.06	7.92	7.92	10.8	3.526	93.9	2.6	0.6
473	11/15/2016 14:11:39	14.53	47.52	30.94	7.91	7.91	10.6	3.385	93.9	2.1	0.5
474	11/15/2016 14:26:39	14.61	47.33	30.81	7.88	7.90	11.0	3.234	93.7	2.6	0.6
475	11/15/2016 14:41:39	14.74	46.95	30.54	7.85	7.89	11.5	3.086	93.4	2.6	0.6
476	11/15/2016 14:56:39	14.80	46.81	30.44	7.82	7.88	11.1	2.924	93.1	2.6	0.6
477	11/15/2016 15:11:39	14.75	46.93	30.52	7.87	7.89	12.0	2.773	93.7	2.1	0.5
478	11/15/2016 15:26:39	14.68	47.09	30.64	7.96	7.90	10.8	2.605	94.6	2.6	0.6
479	11/15/2016 15:41:39	14.79	46.73	30.38	7.86	7.88	10.1	2.443	93.5	2.2	0.5
480	11/15/2016 15:56:39	14.83	46.48	30.20	7.80	7.87	10.9	2.276	92.8	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
481	11/15/2016 16:11:39	14.91	46.17	29.98	7.74	7.85	12.7	2.096	92.0	2.8	0.7
482	11/15/2016 16:26:39	14.93	46.00	29.86	7.67	7.84	13.9	1.938	91.3	3.2	0.7
483	11/15/2016 16:41:39	14.99	45.78	29.70	7.64	7.83	13.4	1.768	90.8	2.5	0.6
484	11/15/2016 16:56:39	15.03	45.55	29.53	7.61	7.82	14.0	1.596	90.5	3.3	0.8
485	11/15/2016 17:11:39	15.05	45.43	29.45	7.59	7.81	18.0	1.419	90.2	3.6	0.8
486	11/15/2016 17:26:38	15.05	45.24	29.31	7.57	7.80	46.7	1.260	89.9	5.3	1.3
487	11/15/2016 17:41:39	15.07	45.21	29.29	7.55	7.80	31.8	1.105	89.8	3.9	0.9
488	11/15/2016 17:56:39	15.07	45.18	29.27	7.54	7.80	22.4	0.999	89.6	4.3	1.0
489	11/15/2016 18:11:39	15.06	45.04	29.17	7.51	7.79	19.1	0.934	89.2	4.1	1.0
490	11/15/2016 18:26:39	15.05	44.75	28.96	7.48	7.79	13.7	0.882	88.6	4.1	1.0
491	11/15/2016 18:41:39	15.11	44.71	28.93	7.48	7.78	12.1	0.932	88.8	3.4	0.8
492	11/15/2016 18:56:39	15.04	44.77	28.97	7.51	7.78	14.1	1.000	89.1	3.7	0.9
493	11/15/2016 19:11:39	15.09	44.86	29.04	7.50	7.78	13.7	1.108	89.0	3.1	0.7
494	11/15/2016 19:26:39	15.09	44.92	29.08	7.51	7.79	11.2	1.242	89.1	2.8	0.7
495	11/15/2016 19:41:39	15.05	44.63	28.87	7.50	7.78	13.1	1.359	88.9	3.1	0.7
496	11/15/2016 19:56:39	15.05	44.62	28.86	7.47	7.77	12.8	1.451	88.5	3.3	0.8
497	11/15/2016 20:11:39	15.06	44.54	28.81	7.47	7.77	11.5	1.528	88.6	3.5	0.8
498	11/15/2016 20:26:39	15.05	44.39	28.70	7.49	7.77	11.7	1.638	88.7	3.7	0.9
499	11/15/2016 20:41:39	15.06	44.65	28.89	7.49	7.78	12.8	1.739	88.7	3.5	0.8
500	11/15/2016 20:56:39	15.00	45.21	29.29	7.52	7.80	12.8	1.852	89.3	3.4	0.8
501	11/15/2016 21:11:39	14.96	45.15	29.24	7.53	7.80	10.9	1.984	89.2	2.8	0.7
502	11/15/2016 21:26:39	14.89	45.53	29.52	7.57	7.81	13.3	2.099	89.7	3.3	0.8
503	11/15/2016 21:41:39	14.86	45.86	29.76	7.60	7.82	14.4	2.210	90.2	3.1	0.7
504	11/15/2016 21:56:39	14.83	45.97	29.83	7.61	7.83	15.8	2.356	90.3	2.7	0.6
505	11/15/2016 22:11:39	14.80	46.16	29.97	7.62	7.83	15.1	2.463	90.5	2.9	0.7
506	11/15/2016 22:26:39	14.74	46.31	30.07	7.64	7.84	15.6	2.594	90.6	2.6	0.6
507	11/15/2016 22:41:39	14.71	46.38	30.12	7.65	7.84	17.0	2.706	90.8	2.5	0.6
508	11/15/2016 22:56:39	14.62	46.49	30.20	7.69	7.85	19.8	2.841	91.0	2.8	0.7
509	11/15/2016 23:11:39	14.54	46.79	30.42	7.76	7.87	18.4	2.928	91.8	2.6	0.6
510	11/15/2016 23:26:39	14.41	47.12	30.65	8.01	7.89	22.5	3.039	94.7	2.4	0.6
511	11/15/2016 23:41:39	14.29	47.53	30.95	8.21	7.91	21.1	3.114	97.1	3.5	0.8
512	11/15/2016 23:56:39	14.11	47.99	31.28	8.41	7.94	18.1	3.233	99.2	2.5	0.6
513	11/16/2016 00:11:39	13.94	48.46	31.61	8.52	7.96	12.7	3.333	100.4	2.3	0.5
514	11/16/2016 00:26:39	13.82	48.67	31.76	8.51	7.96	11.3	3.413	100.1	2.5	0.6
515	11/16/2016 00:41:39	13.75	48.89	31.92	8.50	7.97	10.8	3.513	100.0	2.6	0.6
516	11/16/2016 00:56:39	13.67	49.01	32.00	8.44	7.97	10.3	3.587	99.1	1.9	0.4
517	11/16/2016 01:11:39	13.62	49.10	32.07	8.37	7.97	8.7	3.638	98.3	1.9	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	11/16/2016 01:26:39	13.57	49.13	32.08	8.27	7.97	6.6	3.652	97.0	2.1	0.5
519	11/16/2016 01:41:39	13.58	49.12	32.08	8.27	7.96	6.5	3.645	97.0	2.4	0.6
520	11/16/2016 01:56:39	13.56	49.16	32.11	8.30	7.97	7.4	3.624	97.4	2.1	0.5
521	11/16/2016 02:11:39	13.63	49.02	32.01	8.31	7.96	8.8	3.545	97.5	2.5	0.6
522	11/16/2016 02:26:39	13.88	48.10	31.35	8.20	7.93	11.6	3.490	96.3	2.2	0.5
523	11/16/2016 02:41:39	13.85	47.87	31.18	8.18	7.92	12.4	3.376	95.9	2.4	0.6
524	11/16/2016 02:56:39	13.87	47.76	31.10	8.14	7.92	12.0	3.293	95.5	2.3	0.5
525	11/16/2016 03:11:39	13.98	47.49	30.91	8.06	7.90	14.2	3.201	94.7	2.4	0.6
526	11/16/2016 03:26:39	14.02	47.45	30.88	8.01	7.90	10.4	3.071	94.1	2.4	0.6
527	11/16/2016 03:41:39	14.06	47.29	30.77	7.94	7.89	9.7	2.964	93.3	2.3	0.5
528	11/16/2016 03:56:39	14.12	47.09	30.63	7.81	7.87	10.0	2.884	91.8	2.2	0.5
529	11/16/2016 04:11:39	14.13	46.93	30.51	7.77	7.86	9.4	2.807	91.3	2.7	0.6
530	11/16/2016 04:26:39	14.16	46.76	30.38	7.67	7.85	8.7	2.703	90.1	2.7	0.6
531	11/16/2016 04:41:39	14.10	46.72	30.36	7.56	7.84	9.6	2.630	88.6	1.8	0.4
532	11/16/2016 04:56:39	14.20	46.41	30.13	7.54	7.83	9.4	2.542	88.5	2.2	0.5
533	11/16/2016 05:11:39	14.14	46.28	30.04	7.54	7.83	9.4	2.469	88.3	2.2	0.5
534	11/16/2016 05:26:39	14.17	46.03	29.86	7.51	7.82	8.9	2.405	88.0	2.7	0.6
535	11/16/2016 05:41:39	14.16	45.82	29.71	7.46	7.81	9.1	2.350	87.2	2.1	0.5
536	11/16/2016 05:56:39	14.11	45.77	29.67	7.40	7.80	8.7	2.276	86.5	2.8	0.7
537	11/16/2016 06:11:39	14.08	45.71	29.63	7.37	7.80	8.4	2.260	86.0	2.4	0.6
538	11/16/2016 06:26:39	14.15	45.59	29.54	7.32	7.79	8.3	2.241	85.5	2.8	0.6
539	11/16/2016 06:41:39	14.20	45.59	29.54	7.28	7.79	7.1	2.226	85.1	2.8	0.7
540	11/16/2016 06:56:39	14.12	45.65	29.58	7.36	7.79	8.1	2.218	85.9	2.8	0.6
541	11/16/2016 07:11:39	14.12	45.70	29.62	7.41	7.80	8.4	2.280	86.6	2.6	0.6
542	11/16/2016 07:26:39	14.03	45.73	29.64	7.40	7.79	9.0	2.357	86.3	2.5	0.6
543	11/16/2016 07:41:39	14.12	45.86	29.74	7.48	7.81	9.0	2.399	87.5	2.3	0.5
544	11/16/2016 07:56:39	13.90	45.38	29.38	7.45	7.79	9.1	2.480	86.5	2.4	0.6
545	11/16/2016 08:11:39	14.02	45.80	29.69	7.49	7.81	9.4	2.585	87.4	2.2	0.5
546	11/16/2016 08:26:39	14.09	46.24	30.01	7.54	7.83	10.6	2.685	88.2	2.0	0.5
547	11/16/2016 08:41:39	14.06	46.58	30.25	7.66	7.85	10.6	2.780	89.7	2.1	0.5
548	11/16/2016 08:56:39	14.06	46.78	30.40	7.81	7.87	10.6	2.863	91.5	2.0	0.5
549	11/16/2016 09:11:39	14.08	47.10	30.63	7.91	7.88	10.1	2.963	92.9	2.4	0.6
550	11/16/2016 09:26:39	14.06	47.15	30.67	7.94	7.88	12.9	3.071	93.2	2.7	0.6
551	11/16/2016 09:41:39	13.96	47.51	30.92	8.04	7.90	14.7	3.183	94.3	2.8	0.7
552	11/16/2016 09:56:40	13.91	47.76	31.10	8.07	7.91	13.0	3.299	94.7	2.1	0.5
553	11/16/2016 10:11:39	13.78	48.05	31.31	8.10	7.92	16.1	3.407	95.0	2.3	0.5
554	11/16/2016 10:26:39	13.68	48.32	31.50	8.16	7.93	14.7	3.514	95.6	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
555	11/16/2016 10:41:39	13.60	48.62	31.72	8.21	7.94	13.1	3.632	96.1	1.7	0.4
556	11/16/2016 10:56:39	13.51	48.83	31.87	8.29	7.95	13.4	3.748	97.0	1.9	0.4
557	11/16/2016 11:11:39	13.50	48.95	31.95	8.31	7.95	12.5	3.860	97.3	1.9	0.4
558	11/16/2016 11:26:39	13.48	49.01	31.99	8.30	7.95	11.0	3.945	97.1	1.6	0.4
559	11/16/2016 11:41:39	13.48	49.07	32.04	8.32	7.96	9.2	4.036	97.3	2.1	0.5
560	11/16/2016 11:56:39	13.48	49.09	32.06	8.29	7.96	8.3	4.088	97.0	1.3	0.3
561	11/16/2016 12:11:39	13.48	49.13	32.08	8.26	7.96	8.1	4.155	96.7	1.9	0.4
562	11/16/2016 12:26:39	13.46	49.21	32.14	8.31	7.96	8.2	4.181	97.3	1.5	0.4
563	11/16/2016 12:41:39	13.53	49.01	32.00	8.26	7.96	6.5	4.201	96.7	1.3	0.3
564	11/16/2016 12:56:39	13.50	49.09	32.05	8.28	7.95	7.2	4.210	96.9	1.5	0.4
565	11/16/2016 13:11:39	13.49	49.15	32.10	8.32	7.96	8.1	4.160	97.4	1.3	0.3
566	11/16/2016 13:26:39	13.52	49.10	32.06	8.30	7.96	8.3	4.095	97.2	1.6	0.4
567	11/16/2016 13:41:40	13.64	48.95	31.96	8.32	7.95	8.6	4.010	97.7	2.0	0.5
568	11/16/2016 13:56:39	13.65	48.95	31.96	8.37	7.96	7.9	3.904	98.2	2.0	0.5
569	11/16/2016 14:11:39	13.85	48.48	31.62	8.36	7.94	7.9	3.774	98.3	1.9	0.5
570	11/16/2016 14:26:39	14.02	48.10	31.35	8.27	7.93	10.0	3.632	97.4	2.1	0.5
571	11/16/2016 14:41:39	13.98	47.92	31.22	8.19	7.92	12.8	3.511	96.4	1.9	0.5
572	11/16/2016 14:56:39	14.00	47.87	31.19	8.20	7.92	10.6	3.385	96.5	2.1	0.5
573	11/16/2016 15:11:39	14.07	47.85	31.17	8.20	7.92	10.2	3.250	96.6	2.5	0.6
574	11/16/2016 15:26:39	14.13	47.70	31.07	8.19	7.92	10.5	3.104	96.6	2.1	0.5
575	11/16/2016 15:41:39	14.18	47.50	30.92	8.15	7.91	10.7	2.951	96.0	2.2	0.5
576	11/16/2016 15:56:39	14.34	46.73	30.37	8.07	7.88	12.4	2.810	95.1	2.5	0.6
577	11/16/2016 16:11:39	14.12	47.46	30.89	8.19	7.91	11.1	2.646	96.4	2.6	0.6
578	11/16/2016 16:26:39	14.15	47.19	30.70	8.14	7.90	10.0	2.477	95.8	2.4	0.6
579	11/16/2016 16:41:39	14.07	47.06	30.60	8.11	7.90	9.8	2.316	95.2	2.3	0.5
580	11/16/2016 16:56:39	14.11	46.82	30.43	7.99	7.88	12.2	2.106	93.8	2.6	0.6
581	11/16/2016 17:11:40	14.14	46.60	30.27	7.93	7.87	11.8	2.005	93.1	2.5	0.6
582	11/16/2016 17:26:39	14.19	46.26	30.02	7.88	7.86	13.8	1.796	92.4	2.7	0.6
583	11/16/2016 17:41:39	14.24	45.98	29.83	7.84	7.84	17.0	1.637	91.9	3.5	0.8
584	11/16/2016 17:56:39	14.35	45.73	29.65	7.80	7.83	16.2	1.493	91.5	2.8	0.7
585	11/16/2016 18:11:39	14.31	45.69	29.62	7.77	7.83	16.8	1.327	91.1	3.4	0.8
586	11/16/2016 18:26:39	14.27	45.36	29.38	7.75	7.81	18.0	1.179	90.7	3.4	0.8
587	11/16/2016 18:41:39	14.20	45.12	29.21	7.73	7.80	17.3	1.036	90.2	3.3	0.8
588	11/16/2016 18:56:39	14.17	45.05	29.16	7.70	7.80	15.4	0.952	89.7	3.6	0.9
589	11/16/2016 19:11:39	14.11	45.08	29.18	7.66	7.80	19.0	0.924	89.2	3.7	0.9
590	11/16/2016 19:26:39	14.13	45.15	29.23	7.68	7.80	13.1	0.907	89.5	3.5	0.8
591	11/16/2016 19:41:39	14.15	45.16	29.23	7.74	7.80	12.1	1.017	90.3	3.4	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
592	11/16/2016 19:56:39	14.17	45.19	29.25	7.74	7.80	11.4	1.109	90.3	2.9	0.7
593	11/16/2016 20:11:39	14.18	45.15	29.23	7.76	7.80	12.5	1.211	90.5	3.2	0.7
594	11/16/2016 20:26:39	14.08	44.39	28.68	7.78	7.80	11.4	1.331	90.2	3.0	0.7
595	11/16/2016 20:41:39	14.04	43.72	28.20	7.79	7.78	11.2	1.430	90.0	3.1	0.7
596	11/16/2016 20:56:39	14.13	44.02	28.42	7.76	7.79	10.9	1.519	90.0	3.2	0.8
597	11/16/2016 21:11:39	14.19	44.52	28.78	7.73	7.79	10.0	1.617	90.0	3.3	0.8
598	11/16/2016 21:26:39	14.21	44.73	28.93	7.74	7.80	9.8	1.727	90.2	3.0	0.7
599	11/16/2016 21:41:39	14.23	44.85	29.02	7.77	7.80	10.7	1.816	90.6	3.2	0.8
600	11/16/2016 21:56:39	14.24	45.29	29.33	7.79	7.82	10.8	1.927	91.1	3.5	0.8
601	11/16/2016 22:11:39	14.28	45.78	29.68	7.80	7.83	11.1	2.042	91.4	3.2	0.8
602	11/16/2016 22:26:39	14.26	45.82	29.71	7.82	7.83	11.7	2.160	91.6	2.9	0.7
603	11/16/2016 22:41:39	14.24	45.89	29.76	7.83	7.84	12.6	2.271	91.7	3.1	0.7
604	11/16/2016 22:56:39	14.19	46.00	29.84	7.86	7.84	14.6	2.391	92.1	3.1	0.7
605	11/16/2016 23:11:39	14.13	46.28	30.04	7.89	7.85	14.9	2.524	92.4	3.4	0.8
606	11/16/2016 23:26:39	14.12	46.48	30.18	7.90	7.86	15.8	2.623	92.6	3.0	0.7
607	11/16/2016 23:41:39	14.11	46.60	30.27	7.92	7.86	18.6	2.741	92.9	3.2	0.7
608	11/16/2016 23:56:39	14.00	46.75	30.38	7.99	7.87	17.6	2.852	93.5	2.6	0.6
609	11/17/2016 00:11:39	13.94	47.17	30.68	8.08	7.89	19.1	2.963	94.7	2.7	0.6
610	11/17/2016 00:26:39	13.82	47.64	31.01	8.36	7.91	19.8	3.059	97.9	2.6	0.6
611	11/17/2016 00:41:39	13.70	48.02	31.28	8.55	7.93	18.3	3.156	100.1	2.0	0.5
612	11/17/2016 00:56:39	13.64	48.21	31.42	8.63	7.94	17.8	3.257	101.0	1.7	0.4
613	11/17/2016 01:11:39	13.56	48.50	31.63	8.61	7.95	16.7	3.335	100.7	2.1	0.5
614	11/17/2016 01:26:39	13.52	48.65	31.74	8.60	7.96	14.7	3.432	100.5	2.5	0.6
615	11/17/2016 01:41:39	13.50	48.75	31.81	8.58	7.96	12.2	3.495	100.4	2.6	0.6
616	11/17/2016 01:56:39	13.48	48.81	31.85	8.56	7.96	10.1	3.558	100.0	2.5	0.6
617	11/17/2016 02:11:39	13.47	48.84	31.87	8.52	7.96	8.4	3.575	99.6	1.9	0.4
618	11/17/2016 02:26:39	13.47	48.76	31.82	8.48	7.95	8.0	3.613	99.1	1.9	0.4
619	11/17/2016 02:41:39	13.47	48.86	31.89	8.53	7.96	8.6	3.591	99.7	1.4	0.3
620	11/17/2016 02:56:39	13.46	48.84	31.87	8.55	7.96	10.9	3.547	99.9	2.4	0.6
621	11/17/2016 03:11:39	13.37	47.84	31.15	8.32	7.91	12.4	3.477	96.6	2.0	0.5
622	11/17/2016 03:26:39	13.29	47.84	31.14	8.38	7.92	11.9	3.393	97.1	2.1	0.5
623	11/17/2016 03:41:39	13.38	48.19	31.40	8.44	7.94	10.9	3.287	98.2	2.4	0.6
624	11/17/2016 03:56:39	13.41	47.60	30.97	8.25	7.90	12.6	3.204	95.8	2.2	0.5
625	11/17/2016 04:11:39	13.45	47.37	30.81	8.17	7.89	10.1	3.102	94.8	2.2	0.5
626	11/17/2016 04:26:39	13.46	47.31	30.76	8.18	7.89	9.2	3.039	95.0	2.3	0.5
627	11/17/2016 04:41:39	13.43	47.39	30.82	8.10	7.88	8.4	2.951	93.9	1.9	0.4
628	11/17/2016 04:56:39	13.49	47.00	30.54	7.98	7.87	8.3	2.865	92.5	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
629	11/17/2016 05:11:39	13.47	46.75	30.36	7.85	7.85	7.8	2.806	90.9	2.3	0.6
630	11/17/2016 05:26:39	13.47	46.54	30.21	7.81	7.85	7.9	2.719	90.4	2.5	0.6
631	11/17/2016 05:41:39	13.45	46.24	29.99	7.76	7.83	8.3	2.637	89.6	2.7	0.6
632	11/17/2016 05:56:39	13.40	46.35	30.07	7.73	7.84	8.3	2.584	89.2	2.5	0.6
633	11/17/2016 06:11:39	13.31	45.86	29.72	7.70	7.82	7.9	2.499	88.5	2.6	0.6
634	11/17/2016 06:26:39	13.22	45.91	29.74	7.69	7.82	7.6	2.445	88.2	2.3	0.5
635	11/17/2016 06:41:39	13.22	45.75	29.63	7.66	7.81	7.5	2.401	87.9	2.9	0.7
636	11/17/2016 06:56:39	13.18	45.69	29.59	7.63	7.81	7.3	2.328	87.4	2.6	0.6
637	11/17/2016 07:11:39	13.18	45.65	29.56	7.58	7.81	7.2	2.307	86.9	2.7	0.6
638	11/17/2016 07:26:39	13.22	45.62	29.54	7.49	7.80	6.1	2.325	85.8	2.6	0.6
639	11/17/2016 07:41:39	13.55	46.00	29.82	7.63	7.82	7.6	2.334	88.2	2.1	0.5
640	11/17/2016 07:56:39	13.48	46.01	29.83	7.69	7.82	7.9	2.374	88.8	2.1	0.5
641	11/17/2016 08:11:39	13.24	45.78	29.65	7.68	7.81	7.6	2.398	88.1	2.0	0.5
642	11/17/2016 08:26:39	13.32	45.95	29.78	7.70	7.82	8.6	2.444	88.6	2.6	0.6
643	11/17/2016 08:41:39	13.18	45.81	29.67	7.75	7.82	8.1	2.517	88.8	2.1	0.5
644	11/17/2016 08:56:39	13.14	45.77	29.64	7.74	7.82	8.4	2.598	88.6	2.3	0.5
645	11/17/2016 09:11:39	13.31	46.16	29.93	7.76	7.83	9.8	2.686	89.4	2.5	0.6
646	11/17/2016 09:26:39	13.36	46.63	30.27	7.87	7.85	9.7	2.782	90.8	2.5	0.6
647	11/17/2016 09:41:39	13.43	46.97	30.51	8.00	7.87	10.1	2.874	92.6	2.1	0.5
648	11/17/2016 09:56:39	13.49	47.24	30.71	8.12	7.89	9.7	2.953	94.3	2.2	0.5
649	11/17/2016 10:11:39	13.54	47.38	30.82	8.17	7.90	10.1	3.062	95.0	1.8	0.4
650	11/17/2016 10:26:39	13.52	47.53	30.93	8.22	7.90	10.8	3.122	95.6	2.1	0.5
651	11/17/2016 10:41:39	13.49	47.80	31.12	8.27	7.91	13.1	3.199	96.3	2.1	0.5
652	11/17/2016 10:56:39	13.47	47.98	31.25	8.31	7.92	13.6	3.338	96.7	2.0	0.5
653	11/17/2016 11:11:39	13.44	48.22	31.42	8.36	7.93	14.2	3.442	97.4	2.1	0.5
654	11/17/2016 11:26:39	13.39	48.47	31.60	8.41	7.94	13.9	3.518	97.9	2.1	0.5
655	11/17/2016 11:41:39	13.32	48.67	31.74	8.42	7.95	14.4	3.645	98.0	2.0	0.5
656	11/17/2016 11:56:39	13.26	48.86	31.88	8.44	7.96	15.5	3.711	98.3	2.3	0.6
657	11/17/2016 12:11:39	13.27	49.02	31.99	8.56	7.96	12.0	3.806	99.7	1.8	0.4
658	11/17/2016 12:26:39	13.27	49.12	32.07	8.65	7.96	11.9	3.914	100.8	1.8	0.4
659	11/17/2016 12:41:39	13.27	49.19	32.12	8.71	7.96	10.6	3.948	101.5	2.0	0.5
660	11/17/2016 12:56:39	13.27	49.23	32.15	8.71	7.96	8.9	4.027	101.6	1.6	0.4
661	11/17/2016 13:11:39	13.26	49.28	32.18	8.73	7.96	7.5	4.051	101.9	2.0	0.5
662	11/17/2016 13:26:39	13.25	49.26	32.17	8.66	7.96	6.7	4.072	100.9	1.9	0.5
663	11/17/2016 13:41:39	13.28	49.19	32.12	8.68	7.96	8.1	4.073	101.3	1.2	0.3
664	11/17/2016 13:56:39	13.26	49.28	32.19	8.69	7.96	7.8	4.029	101.3	1.8	0.4
665	11/17/2016 14:11:39	13.27	49.25	32.16	8.69	7.96	9.0	3.979	101.3	1.8	0.4

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	11/17/2016 14:26:39	13.46	48.97	31.97	8.69	7.96	9.7	3.903	101.6	1.4	0.3
667	11/17/2016 14:41:39	13.48	48.94	31.95	8.72	7.96	9.4	3.794	102.0	2.2	0.5
668	11/17/2016 14:56:39	13.64	48.34	31.51	8.64	7.95	8.1	3.666	101.1	1.8	0.4
669	11/17/2016 15:11:39	13.69	48.11	31.35	8.54	7.94	9.5	3.569	100.0	2.6	0.6
670	11/17/2016 15:26:38	13.66	47.90	31.20	8.46	7.93	10.4	3.434	98.9	1.9	0.5
671	11/17/2016 15:41:39	13.66	47.91	31.21	8.45	7.93	10.6	3.307	98.7	2.8	0.7
672	11/17/2016 15:56:38	13.70	47.79	31.12	8.44	7.93	10.6	3.174	98.7	1.9	0.4
673	11/17/2016 16:11:38	13.71	47.52	30.93	8.41	7.92	9.0	3.050	98.2	2.6	0.6
674	11/17/2016 16:26:39	13.72	47.28	30.75	8.35	7.91	8.5	2.907	97.4	2.0	0.5
675	11/17/2016 16:41:39	13.68	47.29	30.76	8.33	7.91	9.0	2.786	97.2	2.2	0.5
676	11/17/2016 16:56:38	13.62	47.34	30.79	8.33	7.91	9.2	2.627	97.0	2.1	0.5
677	11/17/2016 17:11:39	13.61	47.14	30.65	8.29	7.91	9.4	2.480	96.5	2.4	0.6
678	11/17/2016 17:26:39	13.64	46.75	30.37	8.21	7.89	9.8	2.318	95.4	2.8	0.7
679	11/17/2016 17:41:39	13.59	46.78	30.38	8.15	7.89	11.2	2.149	94.7	2.7	0.6
680	11/17/2016 17:56:39	13.59	46.41	30.12	8.10	7.87	13.5	2.005	93.9	3.1	0.7
681	11/17/2016 18:11:39	13.55	46.27	30.01	8.09	7.87	15.3	1.845	93.6	2.6	0.6
682	11/17/2016 18:26:39	13.59	45.97	29.80	8.07	7.86	15.0	1.686	93.3	3.2	0.8
683	11/17/2016 18:41:39	13.59	45.82	29.69	8.05	7.85	14.8	1.515	93.0	3.5	0.8
684	11/17/2016 18:56:39	13.60	45.68	29.59	8.02	7.84	14.1	1.397	92.7	3.4	0.8
685	11/17/2016 19:11:38	13.57	45.51	29.47	7.99	7.84	14.4	1.252	92.2	3.6	0.9
686	11/17/2016 19:26:39	13.49	45.29	29.31	7.99	7.83	13.4	1.138	91.9	3.7	0.9
687	11/17/2016 19:41:39	13.45	45.21	29.25	7.96	7.82	13.2	1.041	91.5	3.6	0.8
688	11/17/2016 19:56:39	13.42	45.19	29.24	7.90	7.82	11.9	1.020	90.7	4.2	1.0
689	11/17/2016 20:11:39	13.42	45.25	29.28	7.93	7.82	12.7	1.010	91.1	3.7	0.9
690	11/17/2016 20:26:39	13.44	45.30	29.32	7.92	7.82	10.0	1.030	91.1	2.8	0.7
691	11/17/2016 20:41:39	13.46	45.38	29.37	7.93	7.82	9.9	1.136	91.3	3.4	0.8
692	11/17/2016 20:56:39	13.48	45.36	29.36	7.99	7.83	8.7	1.215	92.0	3.1	0.7
693	11/17/2016 21:11:39	13.41	45.01	29.11	8.04	7.83	8.6	1.349	92.3	3.6	0.9
694	11/17/2016 21:26:38	13.32	44.45	28.70	8.02	7.82	9.4	1.441	91.7	3.2	0.8
695	11/17/2016 21:41:38	13.34	44.39	28.66	8.02	7.81	9.7	1.526	91.6	3.6	0.8
696	11/17/2016 21:56:39	13.45	44.94	29.06	7.99	7.82	8.9	1.623	91.7	3.6	0.8
697	11/17/2016 22:11:39	13.44	44.94	29.06	8.00	7.82	8.4	1.699	91.9	3.5	0.8
698	11/17/2016 22:26:39	13.48	45.17	29.22	8.02	7.83	9.5	1.806	92.2	2.8	0.7
699	11/17/2016 22:41:39	13.51	45.53	29.48	8.03	7.84	9.0	1.920	92.5	3.3	0.8
700	11/17/2016 22:56:39	13.57	45.90	29.75	8.03	7.85	8.4	2.018	92.8	2.8	0.6
701	11/17/2016 23:11:39	13.60	46.07	29.87	8.03	7.86	9.5	2.141	93.0	2.5	0.6
702	11/17/2016 23:26:39	13.61	46.18	29.96	8.03	7.86	9.7	2.238	93.1	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
703	11/17/2016 23:41:39	13.57	46.31	30.05	8.07	7.86	10.7	2.356	93.4	2.9	0.7
704	11/17/2016 23:56:39	13.54	46.45	30.14	8.09	7.87	11.4	2.470	93.8	3.0	0.7
705	11/18/2016 00:11:39	13.53	46.55	30.22	8.13	7.87	12.8	2.565	94.1	2.9	0.7
706	11/18/2016 00:26:39	13.56	46.76	30.37	8.15	7.88	13.5	2.679	94.5	3.1	0.7
707	11/18/2016 00:41:39	13.52	46.89	30.46	8.18	7.89	15.3	2.772	94.9	2.7	0.6
708	11/18/2016 00:56:39	13.48	47.11	30.62	8.24	7.90	14.8	2.868	95.6	2.9	0.7
709	11/18/2016 01:11:39	13.42	47.49	30.89	8.36	7.91	17.0	2.973	97.0	2.7	0.6
710	11/18/2016 01:26:39	13.35	47.95	31.23	8.53	7.93	18.6	3.055	99.1	2.4	0.6
711	11/18/2016 01:41:39	13.27	48.26	31.44	8.62	7.93	16.1	3.156	100.1	2.5	0.6
712	11/18/2016 01:56:39	13.14	48.61	31.70	8.67	7.94	16.6	3.252	100.5	1.9	0.4
713	11/18/2016 02:11:39	13.04	48.88	31.89	8.67	7.94	13.9	3.314	100.4	1.7	0.4
714	11/18/2016 02:26:39	12.99	49.12	32.06	8.68	7.95	13.3	3.399	100.6	2.2	0.5
715	11/18/2016 02:41:39	12.97	49.18	32.10	8.68	7.95	11.4	3.464	100.5	1.6	0.4
716	11/18/2016 02:56:39	12.97	49.25	32.15	8.65	7.95	9.5	3.503	100.2	2.0	0.5
717	11/18/2016 03:11:39	12.96	49.27	32.16	8.61	7.95	7.8	3.533	99.7	1.7	0.4
718	11/18/2016 03:26:39	12.97	49.18	32.10	8.61	7.95	8.2	3.532	99.7	1.7	0.4
719	11/18/2016 03:41:39	12.96	49.27	32.17	8.63	7.95	8.8	3.520	100.0	1.8	0.4
720	11/18/2016 03:56:39	12.99	48.75	31.79	8.56	7.94	9.7	3.477	99.0	1.7	0.4
721	11/18/2016 04:11:39	12.98	48.25	31.43	8.41	7.92	10.4	3.413	97.0	2.3	0.5
722	11/18/2016 04:26:39	12.93	48.12	31.33	8.40	7.92	9.5	3.345	96.8	2.5	0.6
723	11/18/2016 04:41:39	12.94	48.28	31.45	8.43	7.92	8.7	3.260	97.2	2.1	0.5
724	11/18/2016 04:56:39	13.00	47.93	31.19	8.33	7.91	9.0	3.165	96.0	1.8	0.4
725	11/18/2016 05:11:39	13.05	47.53	30.91	8.26	7.91	8.1	3.065	95.1	2.3	0.5
726	11/18/2016 05:26:39	13.04	47.26	30.72	8.20	7.90	7.5	2.989	94.3	2.4	0.6
727	11/18/2016 05:41:39	13.04	47.13	30.62	8.12	7.89	7.3	2.909	93.3	2.6	0.6
728	11/18/2016 05:56:39	13.03	47.06	30.57	8.09	7.88	7.3	2.819	92.9	2.2	0.5
729	11/18/2016 06:11:39	13.00	46.71	30.31	8.07	7.88	7.3	2.744	92.6	2.4	0.6
730	11/18/2016 06:26:39	12.99	46.75	30.34	8.02	7.87	6.8	2.689	91.9	3.1	0.7
731	11/18/2016 06:41:39	12.97	46.47	30.14	7.97	7.86	7.0	2.612	91.2	2.4	0.6
732	11/18/2016 06:56:39	12.91	46.20	29.94	7.90	7.85	6.6	2.553	90.2	2.8	0.7
733	11/18/2016 07:11:39	12.94	46.12	29.89	7.89	7.85	6.5	2.483	90.1	2.5	0.6
734	11/18/2016 07:26:39	12.86	46.12	29.89	7.82	7.84	6.4	2.448	89.1	2.3	0.5
735	11/18/2016 07:41:39	12.83	46.09	29.86	7.78	7.84	6.5	2.408	88.7	1.7	0.4
736	11/18/2016 07:56:39	12.85	46.06	29.84	7.79	7.84	6.5	2.382	88.8	2.4	0.6
737	11/18/2016 08:11:39	12.86	46.04	29.83	7.65	7.84	5.3	2.369	87.2	2.4	0.6
738	11/18/2016 08:26:39	13.12	46.30	30.02	7.86	7.86	6.8	2.369	90.2	2.3	0.5
739	11/18/2016 08:41:39	13.05	46.32	30.04	7.90	7.86	6.8	2.369	90.5	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	11/18/2016 08:56:39	12.97	46.31	30.03	7.89	7.86	6.4	2.405	90.3	2.2	0.5
741	11/18/2016 09:11:39	12.92	46.33	30.04	7.92	7.85	6.4	2.455	90.5	2.3	0.5
742	11/18/2016 09:26:39	13.01	46.47	30.14	7.98	7.87	7.0	2.510	91.4	2.5	0.6
743	11/18/2016 09:41:39	12.88	46.27	30.00	7.96	7.86	6.8	2.575	90.9	1.9	0.5
744	11/18/2016 09:56:39	12.95	46.44	30.12	8.01	7.87	7.3	2.654	91.6	2.0	0.5
745	11/18/2016 10:11:39	12.99	46.71	30.32	8.05	7.88	7.3	2.725	92.3	1.6	0.4
746	11/18/2016 10:26:39	13.00	47.19	30.66	8.15	7.90	7.6	2.796	93.6	2.4	0.6
747	11/18/2016 10:41:39	13.03	47.39	30.81	8.23	7.91	8.4	2.876	94.7	2.2	0.5
748	11/18/2016 10:56:39	13.07	47.64	30.99	8.35	7.92	8.5	2.950	96.3	2.2	0.5
749	11/18/2016 11:11:39	13.06	47.80	31.11	8.38	7.93	9.0	3.045	96.7	2.0	0.5
750	11/18/2016 11:26:39	13.02	48.01	31.26	8.42	7.93	9.5	3.132	97.1	2.1	0.5
751	11/18/2016 11:41:38	12.99	48.26	31.44	8.44	7.94	9.8	3.220	97.4	2.3	0.5
752	11/18/2016 11:56:38	12.97	48.43	31.56	8.46	7.95	10.0	3.308	97.7	2.1	0.5
753	11/18/2016 12:11:39	12.92	48.69	31.75	8.50	7.95	11.5	3.405	98.1	2.6	0.6
754	11/18/2016 12:26:39	12.87	48.92	31.91	8.53	7.96	11.1	3.484	98.5	1.6	0.4
755	11/18/2016 12:41:39	12.83	49.08	32.03	8.55	7.97	11.2	3.563	98.7	1.8	0.4
756	11/18/2016 12:56:39	12.81	49.20	32.11	8.56	7.97	11.1	3.644	98.9	1.3	0.3
757	11/18/2016 13:11:39	12.80	49.27	32.16	8.57	7.97	9.8	3.708	98.9	1.7	0.4
758	11/18/2016 13:26:39	12.79	49.35	32.22	8.56	7.98	7.9	3.761	98.8	2.0	0.5
759	11/18/2016 13:41:39	12.79	49.42	32.27	8.56	7.98	7.3	3.813	98.9	1.9	0.4
760	11/18/2016 13:56:38	12.79	49.38	32.24	8.55	7.98	6.7	3.850	98.8	2.1	0.5
761	11/18/2016 14:11:39	12.79	49.45	32.29	8.52	7.98	6.2	3.865	98.4	1.7	0.4
762	11/18/2016 14:26:39	12.80	49.34	32.21	8.47	7.97	5.8	3.866	97.8	1.9	0.4
763	11/18/2016 14:41:38	12.80	49.38	32.24	8.50	7.97	6.4	3.861	98.2	1.2	0.3
764	11/18/2016 14:56:38	12.79	49.44	32.28	8.54	7.97	6.8	3.826	98.7	1.9	0.4
765	11/18/2016 15:11:38	12.79	49.38	32.24	8.53	7.97	8.5	3.754	98.6	1.8	0.4
766	11/18/2016 15:26:39	12.81	48.89	31.89	8.53	7.97	7.5	3.696	98.4	1.8	0.4
767	11/18/2016 15:41:39	12.80	48.88	31.87	8.53	7.97	7.3	3.604	98.4	2.1	0.5
768	11/18/2016 15:56:39	12.83	48.62	31.69	8.52	7.97	8.6	3.487	98.1	2.3	0.5
769	11/18/2016 16:11:38	12.85	48.33	31.48	8.54	7.97	8.1	3.370	98.3	2.2	0.5
770	11/18/2016 16:26:38	12.85	48.18	31.37	8.51	7.96	8.3	3.261	97.9	2.7	0.6
771	11/18/2016 16:41:39	12.82	47.70	31.02	8.51	7.96	7.6	3.154	97.6	2.1	0.5
772	11/18/2016 16:56:39	12.78	47.20	30.66	8.50	7.95	7.3	3.020	97.3	2.3	0.5
773	11/18/2016 17:11:39	12.76	47.08	30.57	8.48	7.95	7.9	2.894	96.9	2.5	0.6
774	11/18/2016 17:26:39	12.76	46.98	30.50	8.44	7.94	8.3	2.765	96.4	2.8	0.7
775	11/18/2016 17:41:39	12.76	46.87	30.42	8.40	7.94	9.7	2.635	95.8	3.0	0.7
776	11/18/2016 17:56:39	12.75	46.85	30.41	8.37	7.94	11.9	2.514	95.5	2.6	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	11/18/2016 18:11:39	12.72	47.06	30.56	8.34	7.94	13.0	2.374	95.2	3.2	0.8
778	11/18/2016 18:26:39	12.72	46.85	30.41	8.32	7.93	15.2	2.243	94.9	3.1	0.7
779	11/18/2016 18:41:39	12.70	46.78	30.36	8.28	7.93	16.5	2.113	94.3	3.0	0.7
780	11/18/2016 18:56:38	12.69	46.44	30.11	8.26	7.92	18.9	1.984	93.9	3.7	0.9
781	11/18/2016 19:11:39	12.70	46.33	30.03	8.22	7.91	16.4	1.848	93.5	3.0	0.7
782	11/18/2016 19:26:39	12.65	46.17	29.91	8.21	7.91	18.0	1.714	93.2	3.7	0.9
783	11/18/2016 19:41:39	12.62	46.03	29.81	8.20	7.90	18.3	1.587	92.9	4.0	1.0
784	11/18/2016 19:56:39	12.64	45.83	29.67	8.18	7.90	18.0	1.476	92.7	3.6	0.8
785	11/18/2016 20:11:39	12.63	45.81	29.65	8.16	7.90	17.7	1.383	92.5	3.9	0.9
786	11/18/2016 20:26:39	12.62	45.78	29.63	8.16	7.90	19.6	1.309	92.4	3.7	0.9
787	11/18/2016 20:41:39	12.60	45.69	29.57	8.16	7.90	20.9	1.237	92.3	4.3	1.0
788	11/18/2016 20:56:39	12.59	45.66	29.55	8.15	7.90	20.8	1.224	92.2	4.1	1.0
789	11/18/2016 21:11:39	12.58	45.70	29.57	8.20	7.90	23.0	1.264	92.7	4.4	1.0
790	11/18/2016 21:26:39	12.57	45.75	29.61	8.19	7.90	21.4	1.280	92.7	3.9	0.9
791	11/18/2016 21:41:39	12.58	45.75	29.61	8.20	7.90	17.4	1.362	92.7	3.4	0.8
792	11/18/2016 21:56:39	12.57	45.75	29.61	8.20	7.90	20.3	1.445	92.8	3.7	0.9
793	11/18/2016 22:11:39	12.29	44.36	28.60	8.28	7.89	21.2	1.518	92.5	4.2	1.0
794	11/18/2016 22:26:39	12.30	44.34	28.59	8.27	7.88	17.2	1.643	92.5	4.1	1.0
795	11/18/2016 22:41:38	12.29	44.30	28.56	8.27	7.88	18.4	1.708	92.4	4.3	1.0
796	11/18/2016 22:56:39	12.35	44.66	28.82	8.24	7.87	17.6	1.804	92.4	4.4	1.0
797	11/18/2016 23:11:38	12.51	45.38	29.34	8.21	7.88	13.9	1.914	92.6	3.2	0.8
798	11/18/2016 23:26:39	12.55	45.75	29.61	8.21	7.90	13.3	1.979	92.8	3.6	0.9
799	11/18/2016 23:41:39	12.64	46.30	30.01	8.23	7.91	13.6	2.093	93.5	3.2	0.7
800	11/18/2016 23:56:39	12.62	46.46	30.12	8.27	7.91	16.0	2.195	93.9	3.1	0.7
801	11/19/2016 00:11:39	12.65	46.59	30.22	8.26	7.92	17.7	2.276	94.0	3.5	0.8
802	11/19/2016 00:26:39	12.67	46.76	30.34	8.27	7.92	16.5	2.374	94.2	3.4	0.8
803	11/19/2016 00:41:39	12.69	46.92	30.45	8.28	7.93	16.4	2.474	94.3	3.3	0.8
804	11/19/2016 00:56:39	12.68	47.03	30.54	8.29	7.93	16.8	2.584	94.6	3.0	0.7
805	11/19/2016 01:11:39	12.68	47.19	30.65	8.32	7.94	17.1	2.661	94.9	3.0	0.7
806	11/19/2016 01:26:39	12.66	47.42	30.82	8.35	7.95	16.0	2.767	95.4	3.3	0.8
807	11/19/2016 01:41:39	12.63	47.66	30.98	8.39	7.96	16.8	2.872	95.9	2.8	0.7
808	11/19/2016 01:56:39	12.59	47.86	31.13	8.42	7.97	15.6	2.962	96.2	3.0	0.7
809	11/19/2016 02:11:39	12.54	48.23	31.39	8.46	7.97	15.3	3.074	96.7	2.4	0.6
810	11/19/2016 02:26:39	12.52	48.57	31.64	8.47	7.98	15.5	3.169	96.9	2.3	0.5
811	11/19/2016 02:41:39	12.52	48.73	31.76	8.46	7.99	15.8	3.275	96.9	2.6	0.6
812	11/19/2016 02:56:39	12.53	48.89	31.87	8.48	7.99	16.1	3.353	97.2	2.2	0.5
813	11/19/2016 03:11:39	12.53	48.99	31.95	8.51	8.00	15.1	3.439	97.6	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	11/19/2016 03:26:39	12.54	48.99	31.95	8.51	8.00	11.3	3.513	97.6	2.4	0.6
815	11/19/2016 03:41:39	12.55	48.99	31.94	8.49	8.01	9.8	3.567	97.4	2.3	0.5
816	11/19/2016 03:56:39	12.56	48.95	31.92	8.51	8.01	8.3	3.620	97.6	2.5	0.6
817	11/19/2016 04:11:39	12.57	48.94	31.91	8.48	8.01	7.2	3.638	97.4	2.1	0.5
818	11/19/2016 04:26:39	12.53	48.74	31.76	8.41	8.00	8.4	3.643	96.3	1.8	0.4
819	11/19/2016 04:41:39	12.55	48.91	31.89	8.41	8.00	8.3	3.644	96.5	2.3	0.5
820	11/19/2016 04:56:39	12.58	48.92	31.90	8.49	8.01	8.1	3.615	97.5	1.7	0.4
821	11/19/2016 05:11:39	12.41	48.35	31.48	8.42	7.98	8.9	3.549	96.1	2.3	0.5
822	11/19/2016 05:26:39	12.46	48.53	31.61	8.45	7.99	8.9	3.479	96.6	2.3	0.5
823	11/19/2016 05:41:39	12.41	48.23	31.39	8.43	7.98	9.0	3.418	96.1	2.3	0.6
824	11/19/2016 05:56:39	12.39	48.25	31.40	8.40	7.98	9.2	3.329	95.8	2.1	0.5
825	11/19/2016 06:11:39	12.36	47.72	31.02	8.38	7.96	10.0	3.234	95.2	2.0	0.5
826	11/19/2016 06:26:39	12.35	47.39	30.78	8.33	7.95	10.1	3.165	94.5	2.9	0.7
827	11/19/2016 06:41:39	12.35	47.29	30.71	8.32	7.95	9.6	3.083	94.3	2.4	0.6
828	11/19/2016 06:56:39	12.36	47.20	30.64	8.29	7.94	9.1	3.005	94.0	2.3	0.5
829	11/19/2016 07:11:39	12.37	47.17	30.62	8.27	7.94	8.6	2.930	93.7	2.7	0.6
830	11/19/2016 07:26:39	12.36	47.08	30.56	8.27	7.94	8.8	2.875	93.7	2.0	0.5
831	11/19/2016 07:41:38	12.33	46.80	30.36	8.26	7.93	9.3	2.788	93.4	2.4	0.6
832	11/19/2016 07:56:39	12.31	46.63	30.23	8.27	7.93	9.3	2.745	93.4	2.7	0.6
833	11/19/2016 08:11:39	12.29	46.53	30.16	8.27	7.93	9.5	2.692	93.4	2.5	0.6
834	11/19/2016 08:26:39	12.26	46.44	30.10	8.29	7.93	10.0	2.637	93.4	1.7	0.4
835	11/19/2016 08:41:39	12.33	46.80	30.36	8.27	7.93	9.6	2.615	93.5	3.2	0.7
836	11/19/2016 08:56:39	12.33	46.72	30.29	8.28	7.93	9.5	2.565	93.7	2.8	0.7
837	11/19/2016 09:11:39	12.30	46.43	30.09	8.29	7.93	10.0	2.552	93.5	2.6	0.6
838	11/19/2016 09:26:39	12.39	47.14	30.60	8.18	7.94	7.8	2.542	92.8	2.6	0.6
839	11/19/2016 09:41:39	12.32	46.68	30.26	8.26	7.93	8.8	2.546	93.4	2.8	0.7
840	11/19/2016 09:56:39	12.30	46.27	29.97	8.32	7.92	10.2	2.570	93.8	2.7	0.6
841	11/19/2016 10:11:39	12.37	46.87	30.41	8.24	7.94	8.7	2.580	93.3	2.7	0.6
842	11/19/2016 10:26:39	12.37	46.94	30.46	8.25	7.94	9.7	2.614	93.4	1.9	0.4
843	11/19/2016 10:41:39	12.45	46.60	30.22	8.31	7.94	9.7	2.665	94.1	2.8	0.7
844	11/19/2016 10:56:39	12.48	46.89	30.42	8.32	7.94	8.9	2.700	94.4	2.3	0.6
845	11/19/2016 11:11:39	12.49	47.19	30.64	8.29	7.95	9.4	2.765	94.2	2.2	0.5
846	11/19/2016 11:26:39	12.57	47.16	30.62	8.33	7.95	9.0	2.832	94.9	2.1	0.5
847	11/19/2016 11:41:39	12.47	47.81	31.09	8.32	7.97	9.7	2.906	94.8	1.9	0.5
848	11/19/2016 11:56:39	12.55	47.84	31.11	8.36	7.97	9.4	2.973	95.4	2.6	0.6
849	11/19/2016 12:11:39	12.63	47.90	31.16	8.40	7.98	9.0	3.053	96.0	2.0	0.5
850	11/19/2016 12:26:39	12.64	47.95	31.20	8.40	7.98	9.0	3.132	96.1	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
851	11/19/2016 12:41:39	12.64	48.02	31.25	8.41	7.98	8.9	3.191	96.2	2.0	0.5
852	11/19/2016 12:56:39	12.63	48.10	31.31	8.41	7.98	8.9	3.280	96.3	1.9	0.4
853	11/19/2016 13:11:39	12.61	48.27	31.43	8.42	7.99	10.2	3.365	96.4	2.3	0.5
854	11/19/2016 13:26:39	12.61	48.38	31.51	8.43	8.00	9.4	3.436	96.5	1.8	0.4
855	11/19/2016 13:41:39	12.62	48.44	31.55	8.43	8.00	8.6	3.473	96.6	2.2	0.5
856	11/19/2016 13:56:39	12.62	48.45	31.56	8.44	8.00	7.7	3.560	96.7	2.2	0.5
857	11/19/2016 14:11:38	12.64	48.45	31.56	8.44	8.00	7.2	3.617	96.7	2.2	0.5
858	11/19/2016 14:26:39	12.66	48.52	31.61	8.45	8.01	6.5	3.651	97.0	2.1	0.5
859	11/19/2016 14:41:39	12.67	48.56	31.64	8.43	8.01	5.7	3.676	96.7	2.2	0.5
860	11/19/2016 14:56:39	12.68	48.55	31.63	8.39	8.01	5.4	3.720	96.4	2.0	0.5
861	11/19/2016 15:11:39	12.68	48.54	31.63	8.41	8.01	5.2	3.734	96.6	1.5	0.4
862	11/19/2016 15:26:39	12.68	48.48	31.58	8.43	8.01	6.0	3.694	96.8	2.6	0.6
863	11/19/2016 15:41:39	12.68	48.52	31.61	8.41	8.01	5.8	3.699	96.5	1.4	0.3
864	11/19/2016 15:56:39	12.67	48.42	31.54	8.39	8.01	6.2	3.673	96.3	1.9	0.4
865	11/19/2016 16:11:39	12.70	48.06	31.28	8.37	7.99	7.5	3.590	95.9	1.7	0.4
866	11/19/2016 16:26:39	12.74	47.91	31.17	8.40	7.99	7.9	3.537	96.3	2.8	0.7
867	11/19/2016 16:41:39	12.73	47.92	31.18	8.43	7.99	6.9	3.462	96.6	2.2	0.5
868	11/19/2016 16:56:39	12.73	47.70	31.02	8.44	7.98	6.9	3.367	96.6	2.2	0.5
869	11/19/2016 17:11:39	12.71	47.30	30.73	8.49	7.98	8.3	3.273	97.0	2.6	0.6
870	11/19/2016 17:26:39	12.68	47.26	30.70	8.50	7.98	8.9	3.170	97.0	2.5	0.6
871	11/19/2016 17:41:39	12.64	47.31	30.74	8.48	7.98	9.0	3.089	96.7	2.5	0.6
872	11/19/2016 17:56:39	12.62	47.26	30.70	8.46	7.97	8.7	2.982	96.5	2.6	0.6
873	11/19/2016 18:11:38	12.62	47.30	30.72	8.44	7.97	8.5	2.859	96.3	3.1	0.7
874	11/19/2016 18:26:38	12.61	47.25	30.69	8.41	7.97	8.5	2.763	95.9	2.5	0.6
875	11/19/2016 18:41:39	12.62	47.35	30.76	8.38	7.97	7.9	2.660	95.6	3.0	0.7
876	11/19/2016 18:56:39	12.62	47.24	30.69	8.35	7.96	8.9	2.538	95.2	2.6	0.6
877	11/19/2016 19:11:39	12.61	47.25	30.69	8.31	7.95	8.4	2.428	94.8	2.6	0.6
878	11/19/2016 19:26:39	12.60	47.12	30.59	8.31	7.95	9.6	2.311	94.6	2.8	0.7
879	11/19/2016 19:41:38	12.61	46.99	30.50	8.30	7.95	12.2	2.186	94.5	3.1	0.7
880	11/19/2016 19:56:39	12.60	46.91	30.44	8.30	7.94	14.3	2.073	94.4	3.0	0.7
881	11/19/2016 20:11:39	12.63	46.58	30.21	8.32	7.94	13.4	1.980	94.6	3.1	0.7
882	11/19/2016 20:26:39	12.63	46.44	30.11	8.32	7.94	13.6	1.848	94.6	3.0	0.7
883	11/19/2016 20:41:39	12.62	46.39	30.07	8.31	7.93	14.4	1.745	94.4	3.1	0.7
884	11/19/2016 20:56:39	12.61	46.30	30.00	8.31	7.93	14.8	1.691	94.3	3.2	0.7
885	11/19/2016 21:11:39	12.61	46.22	29.95	8.30	7.93	14.5	1.597	94.2	3.2	0.8
886	11/19/2016 21:26:39	12.63	46.13	29.89	8.29	7.93	13.5	1.554	94.1	3.1	0.7
887	11/19/2016 21:41:39	12.64	46.07	29.84	8.27	7.92	12.3	1.512	93.8	3.5	0.8

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	11/19/2016 21:56:39	12.64	46.03	29.81	8.21	7.92	11.2	1.514	93.2	3.3	0.8
889	11/19/2016 22:11:39	12.63	46.09	29.86	8.25	7.92	11.5	1.507	93.6	3.4	0.8
890	11/19/2016 22:26:39	12.63	46.10	29.87	8.31	7.92	11.1	1.546	94.3	2.6	0.6
891	11/19/2016 22:41:39	12.64	46.14	29.89	8.31	7.93	10.2	1.575	94.3	2.9	0.7
892	11/19/2016 22:56:39	12.63	46.18	29.92	8.31	7.93	10.1	1.649	94.3	3.4	0.8
893	11/19/2016 23:11:39	12.62	45.84	29.67	8.31	7.92	9.8	1.716	94.2	2.7	0.6
894	11/19/2016 23:26:39	12.63	45.90	29.72	8.30	7.92	9.7	1.800	94.1	3.0	0.7
895	11/19/2016 23:41:39	12.64	45.90	29.72	8.29	7.92	9.8	1.911	94.0	2.1	0.5
896	11/19/2016 23:56:39	12.64	45.89	29.71	8.30	7.92	9.5	1.981	94.0	3.1	0.7
897	11/20/2016 00:11:39	12.63	45.86	29.69	8.30	7.92	9.5	2.069	94.0	2.6	0.6
898	11/20/2016 00:26:39	12.62	45.91	29.73	8.30	7.93	8.7	2.169	94.1	2.5	0.6
899	11/20/2016 00:41:38	12.63	46.34	30.04	8.27	7.93	9.2	2.221	94.0	3.0	0.7
900	11/20/2016 00:56:39	12.60	46.50	30.15	8.31	7.94	10.6	2.339	94.4	2.3	0.5
901	11/20/2016 01:11:39	12.60	46.61	30.23	8.31	7.94	11.5	2.425	94.4	2.6	0.6
902	11/20/2016 01:26:39	12.60	46.66	30.27	8.31	7.93	12.2	2.495	94.5	2.6	0.6
903	11/20/2016 01:41:39	12.61	46.79	30.36	8.32	7.94	12.5	2.594	94.6	3.1	0.7
904	11/20/2016 01:56:39	12.61	46.91	30.45	8.32	7.94	12.9	2.677	94.7	2.0	0.5
905	11/20/2016 02:11:39	12.61	47.01	30.51	8.32	7.95	13.1	2.747	94.7	2.1	0.5
906	11/20/2016 02:26:39	12.62	47.12	30.59	8.32	7.95	13.6	2.848	94.8	2.9	0.7
907	11/20/2016 02:41:39	12.62	47.24	30.68	8.33	7.96	14.1	2.983	95.0	2.5	0.6
908	11/20/2016 02:56:39	12.61	47.36	30.77	8.37	7.97	14.2	3.049	95.4	2.3	0.6
909	11/20/2016 03:11:39	12.61	47.58	30.93	8.40	7.97	13.7	3.133	95.8	2.8	0.7
910	11/20/2016 03:26:39	12.62	47.78	31.07	8.48	7.98	16.1	3.249	96.9	2.0	0.5
911	11/20/2016 03:41:39	12.68	48.00	31.23	8.58	8.00	15.9	3.305	98.2	3.0	0.7
912	11/20/2016 03:56:39	12.72	48.06	31.28	8.61	8.00	14.2	3.396	98.8	2.2	0.5
913	11/20/2016 04:11:39	12.72	48.03	31.26	8.62	8.01	11.1	3.470	98.8	2.4	0.6
914	11/20/2016 04:26:39	12.73	47.93	31.18	8.61	8.01	9.4	3.546	98.7	1.5	0.4
915	11/20/2016 04:41:38	12.79	47.99	31.23	8.61	8.01	8.9	3.561	98.9	2.0	0.5
916	11/20/2016 04:56:39	12.84	48.03	31.26	8.60	8.02	8.1	3.595	98.8	1.9	0.4
917	11/20/2016 05:11:39	12.85	48.03	31.26	8.54	8.02	5.7	3.610	98.1	2.1	0.5
918	11/20/2016 05:26:39	12.89	48.09	31.31	8.58	8.02	8.3	3.623	98.8	2.0	0.5
919	11/20/2016 05:41:39	12.91	48.15	31.35	8.62	8.02	8.7	3.588	99.3	1.6	0.4
920	11/20/2016 05:56:39	12.57	47.33	30.74	8.41	7.98	7.9	3.550	95.8	2.8	0.7
921	11/20/2016 06:11:39	12.59	47.49	30.86	8.48	7.98	7.5	3.472	96.7	2.5	0.6
922	11/20/2016 06:26:39	12.56	47.36	30.77	8.41	7.97	7.7	3.430	95.8	2.3	0.6
923	11/20/2016 06:41:39	12.55	47.38	30.78	8.38	7.97	7.9	3.364	95.4	1.6	0.4
924	11/20/2016 06:56:39	12.56	47.37	30.78	8.36	7.97	7.7	3.274	95.2	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	11/20/2016 07:11:39	12.54	47.23	30.67	8.32	7.96	7.6	3.196	94.7	2.0	0.5
926	11/20/2016 07:26:39	12.50	47.08	30.57	8.31	7.96	7.2	3.141	94.5	2.0	0.5
927	11/20/2016 07:41:39	12.49	46.97	30.48	8.28	7.95	7.0	3.094	94.0	2.6	0.6
928	11/20/2016 07:56:39	12.47	46.85	30.40	8.26	7.95	6.8	3.023	93.7	1.9	0.4
929	11/20/2016 08:11:39	12.47	46.73	30.31	8.24	7.94	6.7	2.937	93.4	1.7	0.4
930	11/20/2016 08:26:39	12.49	46.76	30.33	8.24	7.94	6.5	2.880	93.5	2.4	0.6
931	11/20/2016 08:41:39	12.49	46.62	30.23	8.25	7.94	6.5	2.843	93.5	1.7	0.4
932	11/20/2016 08:56:39	12.51	46.50	30.14	8.24	7.94	6.3	2.776	93.4	2.1	0.5
933	11/20/2016 09:11:38	12.55	46.46	30.12	8.26	7.94	6.2	2.747	93.7	2.2	0.5
934	11/20/2016 09:26:39	12.59	46.46	30.12	8.26	7.94	6.3	2.679	93.8	2.1	0.5
935	11/20/2016 09:41:39	12.61	46.35	30.04	8.25	7.94	6.2	2.648	93.7	1.8	0.4
936	11/20/2016 09:56:39	12.64	46.40	30.08	8.24	7.94	6.2	2.607	93.7	2.2	0.5
937	11/20/2016 10:11:39	12.69	46.48	30.14	8.22	7.94	6.4	2.579	93.5	2.1	0.5
938	11/20/2016 10:26:39	12.69	46.45	30.12	8.15	7.93	5.9	2.559	92.8	2.0	0.5
939	11/20/2016 10:41:39	12.64	46.54	30.18	8.09	7.93	5.8	2.553	91.9	1.7	0.4
940	11/20/2016 10:56:39	12.56	46.58	30.21	8.15	7.93	5.9	2.555	92.5	1.7	0.4
941	11/20/2016 11:11:39	12.54	46.66	30.26	8.20	7.94	6.2	2.586	93.1	1.5	0.4
942	11/20/2016 11:26:39	12.55	46.66	30.26	8.18	7.93	6.3	2.587	92.8	2.1	0.5
943	11/20/2016 11:41:39	12.57	46.57	30.20	8.21	7.93	6.3	2.627	93.2	1.5	0.4
944	11/20/2016 11:56:39	12.56	46.59	30.21	8.21	7.94	6.4	2.656	93.2	2.5	0.6
945	11/20/2016 12:11:39	12.61	46.28	29.99	8.24	7.93	6.5	2.711	93.5	2.5	0.6
946	11/20/2016 12:26:39	12.60	46.32	30.02	8.21	7.93	6.2	2.766	93.1	2.3	0.5
947	11/20/2016 12:41:39	12.62	46.48	30.13	8.23	7.94	6.5	2.822	93.5	2.2	0.5
948	11/20/2016 12:56:39	12.59	46.73	30.31	8.24	7.95	7.2	2.885	93.6	1.6	0.4
949	11/20/2016 13:11:39	12.60	46.79	30.36	8.27	7.95	6.9	2.944	94.1	2.9	0.7
950	11/20/2016 13:26:39	12.62	46.93	30.46	8.29	7.96	6.7	3.016	94.4	2.0	0.5
951	11/20/2016 13:41:39	12.66	46.93	30.46	8.32	7.96	6.4	3.086	94.8	2.3	0.5
952	11/20/2016 13:56:39	12.71	47.02	30.53	8.40	7.97	6.7	3.140	95.9	2.5	0.6
953	11/20/2016 14:11:39	12.77	47.05	30.55	8.42	7.97	6.1	3.212	96.2	2.4	0.6
954	11/20/2016 14:26:39	12.78	47.14	30.61	8.43	7.98	6.2	3.277	96.4	1.6	0.4
955	11/20/2016 14:41:39	12.73	47.24	30.69	8.42	7.98	6.6	3.323	96.2	1.5	0.4
956	11/20/2016 14:56:39	12.75	47.34	30.76	8.44	7.98	6.8	3.377	96.5	1.7	0.4
957	11/20/2016 15:11:38	12.79	47.34	30.77	8.44	7.98	6.2	3.423	96.6	2.1	0.5
958	11/20/2016 15:26:39	12.81	47.46	30.85	8.44	7.99	6.1	3.457	96.7	2.0	0.5
959	11/20/2016 15:41:39	12.84	47.51	30.89	8.43	7.99	6.0	3.496	96.7	2.0	0.5
960	11/20/2016 15:56:39	12.85	47.54	30.91	8.41	7.99	5.2	3.534	96.4	2.0	0.5
961	11/20/2016 16:11:38	12.86	47.57	30.93	8.36	7.99	4.3	3.544	95.9	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
962	11/20/2016 16:26:39	12.88	47.58	30.94	8.41	7.99	5.7	3.525	96.5	2.4	0.6
963	11/20/2016 16:41:38	12.88	47.51	30.89	8.43	7.99	6.3	3.510	96.7	2.2	0.5
964	11/20/2016 16:56:39	12.88	47.52	30.90	8.42	7.99	5.9	3.488	96.6	1.9	0.4
965	11/20/2016 17:11:39	12.87	47.24	30.69	8.40	7.98	6.5	3.436	96.2	2.4	0.6
966	11/20/2016 17:26:39	12.85	47.00	30.52	8.38	7.97	7.0	3.364	95.8	2.7	0.6
967	11/20/2016 17:41:39	12.80	47.09	30.58	8.42	7.97	6.4	3.310	96.3	2.5	0.6
968	11/20/2016 17:56:39	12.81	46.88	30.43	8.44	7.97	6.0	3.227	96.4	2.2	0.5
969	11/20/2016 18:11:39	12.80	46.70	30.30	8.44	7.97	6.2	3.137	96.3	2.2	0.5
970	11/20/2016 18:26:39	12.80	46.58	30.21	8.45	7.96	6.4	3.055	96.4	2.4	0.6
971	11/20/2016 18:41:39	12.78	46.54	30.19	8.45	7.96	6.5	2.970	96.3	2.6	0.6
972	11/20/2016 18:56:38	12.76	46.49	30.15	8.44	7.96	6.5	2.875	96.2	2.6	0.6
973	11/20/2016 19:11:39	12.77	46.36	30.05	8.44	7.96	6.5	2.789	96.2	2.3	0.5
974	11/20/2016 19:26:38	12.77	46.29	30.00	8.42	7.95	6.4	2.700	95.8	2.3	0.5
975	11/20/2016 19:41:38	12.81	46.43	30.11	8.51	7.96	6.7	2.596	97.1	2.4	0.6
976	11/20/2016 19:56:39	12.78	46.26	29.98	8.53	7.96	7.1	2.500	97.2	2.7	0.6
977	11/20/2016 20:11:39	12.77	46.26	29.98	8.48	7.96	7.3	2.404	96.6	2.6	0.6
978	11/20/2016 20:26:39	12.76	46.14	29.90	8.41	7.95	7.7	2.301	95.7	2.5	0.6
979	11/20/2016 20:41:38	12.74	46.13	29.89	8.40	7.95	7.7	2.205	95.5	2.7	0.6
980	11/20/2016 20:56:38	12.74	45.90	29.72	8.40	7.94	8.7	2.098	95.4	2.6	0.6
981	11/20/2016 21:11:38	12.74	45.74	29.61	8.41	7.94	8.2	2.022	95.5	2.7	0.6
982	11/20/2016 21:26:38	12.72	45.73	29.60	8.39	7.94	7.6	1.929	95.2	2.9	0.7
983	11/20/2016 21:41:38	12.72	45.64	29.53	8.39	7.94	7.7	1.836	95.1	3.2	0.8
984	11/20/2016 21:56:38	12.70	45.59	29.50	8.34	7.93	7.8	1.785	94.5	3.2	0.8
985	11/20/2016 22:11:39	12.70	45.58	29.49	8.32	7.93	7.9	1.720	94.3	2.9	0.7
986	11/20/2016 22:26:38	12.69	45.49	29.43	8.28	7.93	7.3	1.676	93.8	2.5	0.6
987	11/20/2016 22:41:39	12.72	45.46	29.41	8.29	7.93	7.0	1.663	94.0	2.8	0.7
988	11/20/2016 22:56:39	12.71	45.48	29.42	8.30	7.93	6.9	1.668	94.0	2.7	0.6
989	11/20/2016 23:11:38	12.71	45.48	29.42	8.31	7.93	7.0	1.656	94.1	2.7	0.6
990	11/20/2016 23:26:39	12.70	45.55	29.47	8.35	7.93	6.9	1.713	94.6	2.4	0.6
991	11/20/2016 23:41:39	12.71	45.63	29.53	8.35	7.93	6.9	1.770	94.7	2.2	0.5
992	11/20/2016 23:56:39	12.71	45.44	29.39	8.34	7.93	6.6	1.806	94.5	2.7	0.6
993	11/21/2016 00:11:38	12.74	45.19	29.21	8.31	7.93	6.7	1.890	94.1	2.8	0.7
994	11/21/2016 00:26:38	12.74	45.02	29.09	8.33	7.92	6.8	1.963	94.3	2.6	0.6
995	11/21/2016 00:41:39	12.74	44.90	29.01	8.32	7.92	6.8	2.047	94.1	2.2	0.5
996	11/21/2016 00:56:39	12.74	44.78	28.92	8.32	7.92	6.4	2.110	94.0	3.0	0.7
997	11/21/2016 01:11:39	12.75	45.31	29.30	8.31	7.93	6.5	2.189	94.2	2.0	0.5
998	11/21/2016 01:26:39	12.76	45.41	29.37	8.30	7.93	6.7	2.274	94.1	2.3	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	11/21/2016 01:41:38	12.75	45.60	29.51	8.29	7.93	6.8	2.349	94.0	2.5	0.6
1000	11/21/2016 01:56:39	12.73	45.92	29.74	8.28	7.93	6.9	2.436	94.1	2.6	0.6
1001	11/21/2016 02:11:39	12.72	46.02	29.81	8.28	7.93	7.7	2.515	94.1	2.6	0.6
1002	11/21/2016 02:26:39	12.70	45.99	29.79	8.28	7.93	7.3	2.603	94.0	2.7	0.6
1003	11/21/2016 02:41:38	12.69	45.90	29.72	8.31	7.93	8.6	2.676	94.3	2.7	0.6
1004	11/21/2016 02:56:39	12.69	45.96	29.77	8.30	7.94	8.6	2.766	94.3	2.6	0.6
1005	11/21/2016 03:11:38	12.71	46.10	29.86	8.30	7.94	9.5	2.848	94.3	2.3	0.5
1006	11/21/2016 03:26:39	12.72	46.24	29.97	8.29	7.94	9.8	2.942	94.3	2.2	0.5
1007	11/21/2016 03:41:39	12.72	46.32	30.02	8.31	7.95	10.4	3.026	94.5	3.1	0.7
1008	11/21/2016 03:56:39	12.74	46.50	30.15	8.34	7.96	12.7	3.104	95.0	2.6	0.6
1009	11/21/2016 04:11:39	12.77	46.73	30.32	8.39	7.97	13.0	3.205	95.7	2.4	0.6
1010	11/21/2016 04:26:39	12.82	46.89	30.44	8.41	7.98	11.7	3.289	96.1	2.2	0.5
1011	11/21/2016 04:41:39	12.94	47.20	30.67	8.49	8.00	13.1	3.354	97.4	2.4	0.6
1012	11/21/2016 04:56:39	13.04	47.40	30.82	8.55	8.01	11.7	3.438	98.5	2.0	0.5
1013	11/21/2016 05:11:39	13.09	47.47	30.87	8.57	8.02	11.1	3.512	98.7	2.5	0.6
1014	11/21/2016 05:26:39	13.11	47.50	30.89	8.57	8.02	8.7	3.555	98.8	1.9	0.4
1015	11/21/2016 05:41:39	13.11	47.46	30.86	8.53	8.02	7.3	3.590	98.3	2.0	0.5
1016	11/21/2016 05:56:39	13.13	47.47	30.87	8.50	8.02	6.4	3.625	98.1	2.3	0.5
1017	11/21/2016 06:11:38	13.05	47.33	30.77	8.45	8.01	7.0	3.641	97.3	1.6	0.4
1018	11/21/2016 06:26:39	13.10	47.43	30.84	8.45	8.01	6.8	3.622	97.4	1.6	0.4
1019	11/21/2016 06:41:38	13.16	47.45	30.85	8.54	8.02	7.0	3.600	98.6	1.8	0.4
1020	11/21/2016 06:56:39	13.09	47.42	30.83	8.50	8.01	7.9	3.562	97.9	2.1	0.5
1021	11/21/2016 07:11:39	12.91	46.96	30.49	8.37	7.99	7.8	3.510	95.9	1.9	0.5
1022	11/21/2016 07:26:39	12.68	46.37	30.06	8.31	7.96	7.5	3.421	94.5	1.9	0.4
1023	11/21/2016 07:41:39	12.67	46.25	29.98	8.33	7.96	7.9	3.364	94.7	2.2	0.5
1024	11/21/2016 07:56:39	12.66	46.07	29.84	8.29	7.95	6.4	3.291	94.1	2.3	0.5
1025	11/21/2016 08:11:39	12.61	45.82	29.66	8.25	7.94	6.7	3.212	93.4	2.0	0.5
1026	11/21/2016 08:26:39	12.58	45.70	29.57	8.26	7.94	6.7	3.139	93.4	2.4	0.6
1027	11/21/2016 08:41:39	12.63	45.97	29.77	8.25	7.94	6.6	3.072	93.6	1.7	0.4
1028	11/21/2016 08:56:39	12.62	45.94	29.75	8.23	7.94	6.3	3.003	93.2	1.8	0.4
1029	11/21/2016 09:11:39	12.61	45.61	29.51	8.28	7.94	5.7	2.947	93.7	2.4	0.6
1030	11/21/2016 09:26:39	12.62	45.44	29.39	8.27	7.93	5.3	2.880	93.5	2.1	0.5
1031	11/21/2016 09:41:39	12.61	45.50	29.43	8.20	7.93	5.6	2.814	92.7	2.3	0.6
1032	11/21/2016 09:56:39	12.60	45.30	29.29	8.15	7.92	5.5	2.774	92.0	2.2	0.5
1033	11/21/2016 10:11:38	12.69	45.11	29.16	8.27	7.93	5.9	2.722	93.5	2.3	0.5
1034	11/21/2016 10:26:38	12.75	45.18	29.20	8.27	7.93	5.9	2.672	93.6	2.1	0.5
1035	11/21/2016 10:41:39	12.77	45.11	29.15	8.29	7.93	5.6	2.625	93.9	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1036	11/21/2016 10:56:39	12.82	45.18	29.21	8.28	7.93	5.6	2.577	93.9	1.8	0.4
1037	11/21/2016 11:11:39	12.94	45.25	29.26	8.24	7.92	5.7	2.556	93.7	1.8	0.4
1038	11/21/2016 11:26:39	12.85	45.10	29.15	8.25	7.93	5.6	2.524	93.6	2.1	0.5
1039	11/21/2016 11:41:39	12.82	44.92	29.02	8.27	7.92	5.3	2.493	93.7	2.2	0.5
1040	11/21/2016 11:56:39	12.85	44.99	29.07	8.17	7.92	4.9	2.479	92.6	1.6	0.4
1041	11/21/2016 12:11:38	12.83	44.95	29.05	8.27	7.92	5.2	2.491	93.7	2.1	0.5
1042	11/21/2016 12:26:38	12.79	45.03	29.10	8.27	7.92	5.1	2.485	93.7	2.0	0.5
1043	11/21/2016 12:41:39	12.72	45.19	29.21	8.21	7.92	5.1	2.502	93.0	2.2	0.5
1044	11/21/2016 12:56:39	12.68	45.27	29.27	8.19	7.92	5.0	2.541	92.7	2.2	0.5
1045	11/21/2016 13:11:39	12.67	45.18	29.21	8.22	7.92	5.0	2.579	93.0	2.1	0.5
1046	11/21/2016 13:26:39	12.66	45.25	29.26	8.18	7.92	5.4	2.629	92.4	1.8	0.4
1047	11/21/2016 13:41:39	12.65	45.25	29.25	8.18	7.92	5.9	2.678	92.5	1.9	0.4
1048	11/21/2016 13:56:39	12.65	45.31	29.30	8.15	7.92	6.2	2.732	92.1	1.8	0.4
1049	11/21/2016 14:11:39	12.65	45.44	29.39	8.16	7.92	6.2	2.795	92.3	2.3	0.5
1050	11/21/2016 14:26:39	12.69	45.57	29.49	8.17	7.93	6.1	2.850	92.5	2.1	0.5
1051	11/21/2016 14:41:39	12.76	45.71	29.58	8.21	7.94	5.9	2.913	93.2	1.8	0.4
1052	11/21/2016 14:56:38	12.82	45.78	29.64	8.23	7.94	6.2	2.969	93.6	2.4	0.6
1053	11/21/2016 15:11:39	12.89	45.75	29.62	8.28	7.95	5.9	3.029	94.3	2.2	0.5
1054	11/21/2016 15:26:39	12.85	46.01	29.80	8.28	7.95	5.6	3.092	94.3	2.1	0.5
1055	11/21/2016 15:41:39	12.84	46.23	29.96	8.31	7.95	5.5	3.145	94.8	2.1	0.5
1056	11/21/2016 15:56:38	12.92	46.07	29.85	8.36	7.96	5.1	3.198	95.4	2.0	0.5
1057	11/21/2016 16:11:39	12.98	46.07	29.85	8.36	7.96	5.0	3.243	95.6	1.9	0.5
1058	11/21/2016 16:26:38	12.96	46.12	29.89	8.32	7.96	5.0	3.281	95.1	2.5	0.6
1059	11/21/2016 16:41:39	13.00	46.23	29.97	8.38	7.97	4.8	3.313	95.9	2.3	0.5
1060	11/21/2016 16:56:39	13.05	46.29	30.01	8.38	7.98	4.9	3.347	96.0	2.1	0.5
1061	11/21/2016 17:11:38	13.03	46.26	29.99	8.38	7.98	4.9	3.357	96.0	2.7	0.6
1062	11/21/2016 17:26:39	13.00	46.27	30.00	8.30	7.97	4.9	3.364	94.9	2.0	0.5
1063	11/21/2016 17:41:39	12.99	46.43	30.11	8.28	7.97	4.7	3.365	94.7	2.4	0.6
1064	11/21/2016 17:56:39	12.98	46.44	30.12	8.26	7.97	4.7	3.344	94.6	2.7	0.6
1065	11/21/2016 18:11:38	12.98	46.33	30.04	8.30	7.97	5.2	3.291	94.9	2.2	0.5
1066	11/21/2016 18:26:39	12.94	46.13	29.90	8.27	7.96	5.7	3.255	94.5	2.4	0.6
1067	11/21/2016 18:41:39	12.91	46.02	29.82	8.25	7.95	5.4	3.217	94.1	2.8	0.7
1068	11/21/2016 18:56:39	12.92	46.03	29.83	8.28	7.95	5.7	3.127	94.4	2.0	0.5
1069	11/21/2016 19:11:38	12.80	45.42	29.38	8.42	7.94	5.5	3.075	95.6	2.1	0.5
1070	11/21/2016 19:26:39	12.85	45.14	29.18	8.51	7.95	5.9	3.000	96.6	2.7	0.6
1071	11/21/2016 19:41:39	12.88	44.76	28.91	8.56	7.95	5.7	2.924	97.0	2.7	0.6
1072	11/21/2016 19:56:39	12.90	44.75	28.90	8.61	7.95	5.6	2.860	97.7	2.7	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1073	11/21/2016 20:11:39	12.92	44.77	28.92	8.72	7.96	6.0	2.771	98.9	2.2	0.5
1074	11/21/2016 20:26:39	12.86	44.22	28.53	8.72	7.96	6.4	2.696	98.6	2.7	0.6
1075	11/21/2016 20:41:39	12.80	44.42	28.66	8.58	7.95	7.2	2.625	97.0	2.5	0.6
1076	11/21/2016 20:56:39	12.80	44.26	28.55	8.63	7.95	6.7	2.539	97.5	3.0	0.7
1077	11/21/2016 21:11:39	12.75	44.34	28.61	8.63	7.95	7.2	2.453	97.4	2.9	0.7
1078	11/21/2016 21:26:38	12.71	44.18	28.49	8.61	7.94	7.4	2.359	97.0	2.8	0.7
1079	11/21/2016 21:41:39	12.68	44.32	28.59	8.61	7.94	7.6	2.285	97.0	3.0	0.7
1080	11/21/2016 21:56:39	12.63	44.33	28.59	8.56	7.94	7.6	2.205	96.3	3.2	0.8
1081	11/21/2016 22:11:38	12.60	44.33	28.59	8.53	7.93	7.9	2.107	95.9	3.0	0.7
1082	11/21/2016 22:26:39	12.56	44.31	28.58	8.52	7.93	8.8	2.034	95.8	3.2	0.8
1083	11/21/2016 22:41:39	12.58	44.21	28.50	8.56	7.93	9.0	1.968	96.2	3.2	0.8
1084	11/21/2016 22:56:39	12.63	44.13	28.45	8.56	7.93	8.4	1.919	96.3	2.6	0.6
1085	11/21/2016 23:11:39	12.66	44.17	28.48	8.53	7.93	8.3	1.866	96.0	2.9	0.7
1086	11/21/2016 23:26:39	12.68	44.16	28.48	8.53	7.93	7.4	1.833	96.0	2.6	0.6
1087	11/21/2016 23:41:39	12.59	44.27	28.55	8.41	7.92	7.5	1.829	94.6	2.5	0.6
1088	11/21/2016 23:56:39	12.83	44.41	28.66	8.46	7.93	5.6	1.833	95.6	2.4	0.6
1089	11/22/2016 00:11:39	12.80	44.38	28.64	8.50	7.93	5.8	1.844	96.0	2.7	0.6
1090	11/22/2016 00:26:38	12.79	44.34	28.61	8.50	7.93	5.9	1.878	96.0	2.0	0.5
1091	11/22/2016 00:41:39	12.75	44.26	28.55	8.48	7.93	6.1	1.928	95.6	2.4	0.6
1092	11/22/2016 00:56:39	12.73	44.18	28.49	8.47	7.92	6.2	1.993	95.5	2.6	0.6
1093	11/22/2016 01:11:39	12.74	44.01	28.37	8.46	7.92	5.9	2.041	95.3	2.6	0.6
1094	11/22/2016 01:26:38	12.73	43.77	28.19	8.47	7.92	6.2	2.102	95.3	3.1	0.7
1095	11/22/2016 01:41:39	12.75	43.97	28.34	8.46	7.92	6.4	2.184	95.3	2.6	0.6
1096	11/22/2016 01:56:38	12.76	44.04	28.39	8.45	7.92	6.0	2.251	95.2	2.5	0.6
1097	11/22/2016 02:11:38	12.77	44.10	28.44	8.40	7.92	6.7	2.310	94.7	2.4	0.6
1098	11/22/2016 02:26:38	12.75	43.95	28.33	8.33	7.91	6.5	2.385	93.9	2.9	0.7
1099	11/22/2016 02:41:39	12.75	44.40	28.65	8.28	7.91	6.7	2.473	93.4	2.6	0.6
1100	11/22/2016 02:56:39	12.75	44.66	28.84	8.27	7.92	6.8	2.539	93.5	2.1	0.5
1101	11/22/2016 03:11:38	12.77	45.06	29.12	8.29	7.92	7.2	2.616	93.9	2.6	0.6
1102	11/22/2016 03:26:39	12.76	45.23	29.25	8.31	7.92	7.3	2.696	94.1	2.3	0.5
1103	11/22/2016 03:41:39	12.76	45.33	29.32	8.30	7.93	7.4	2.774	94.1	2.3	0.5
1104	11/22/2016 03:56:39	12.75	45.27	29.27	8.30	7.93	8.2	2.860	94.0	2.4	0.6
1105	11/22/2016 04:11:39	12.75	45.25	29.26	8.29	7.93	8.6	2.933	93.9	2.5	0.6
1106	11/22/2016 04:26:39	12.75	45.31	29.30	8.30	7.94	11.7	3.033	94.0	2.2	0.5
1107	11/22/2016 04:41:39	12.77	45.52	29.45	8.31	7.95	11.8	3.113	94.3	2.3	0.5
1108	11/22/2016 04:56:39	12.78	45.72	29.59	8.33	7.96	12.1	3.195	94.7	2.7	0.6
1109	11/22/2016 05:11:38	12.79	45.89	29.72	8.35	7.97	12.3	3.287	95.0	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	11/22/2016 05:26:38	12.86	46.07	29.85	8.37	7.98	11.2	3.370	95.4	2.5	0.6
1111	11/22/2016 05:41:39	12.99	46.47	30.14	8.41	8.00	11.1	3.448	96.2	2.4	0.6
1112	11/22/2016 05:56:39	13.12	46.74	30.34	8.44	8.02	9.9	3.505	97.1	2.5	0.6
1113	11/22/2016 06:11:39	13.20	46.92	30.48	8.45	8.03	8.5	3.564	97.4	2.0	0.5
1114	11/22/2016 06:26:39	13.25	47.01	30.54	8.47	8.04	7.3	3.621	97.7	2.2	0.5
1115	11/22/2016 06:41:38	13.27	47.02	30.55	8.45	8.04	5.9	3.644	97.5	1.7	0.4
1116	11/22/2016 06:56:39	13.27	46.95	30.50	8.37	8.04	4.5	3.658	96.6	2.0	0.5
1117	11/22/2016 07:11:38	13.25	46.99	30.52	8.39	8.03	5.4	3.669	96.8	1.5	0.3
1118	11/22/2016 07:26:39	13.27	47.09	30.60	8.42	8.04	6.1	3.658	97.3	1.9	0.4
1119	11/22/2016 07:41:39	13.26	47.06	30.57	8.43	8.04	6.3	3.602	97.4	1.7	0.4
1120	11/22/2016 07:56:39	12.88	45.67	29.56	8.43	8.02	7.3	3.559	96.0	1.9	0.5
1121	11/22/2016 08:11:39	13.04	46.58	30.23	8.31	8.00	6.7	3.499	95.3	1.8	0.4
1122	11/22/2016 08:26:39	12.47	44.97	29.05	8.29	7.95	7.9	3.422	93.3	2.4	0.6
1123	11/22/2016 08:41:39	12.63	45.53	29.45	8.32	7.96	6.8	3.343	94.1	2.3	0.5
1124	11/22/2016 08:56:39	12.47	44.76	28.90	8.28	7.94	6.3	3.262	93.1	2.4	0.6
1125	11/22/2016 09:11:39	12.39	44.46	28.68	8.27	7.92	6.0	3.183	92.7	2.5	0.6
1126	11/22/2016 09:26:39	12.45	44.81	28.93	8.29	7.93	5.7	3.100	93.2	2.3	0.5
1127	11/22/2016 09:41:39	12.45	44.83	28.94	8.30	7.93	5.3	3.026	93.3	2.5	0.6
1128	11/22/2016 09:56:39	12.46	44.70	28.85	8.31	7.92	5.5	2.949	93.3	1.8	0.4
1129	11/22/2016 10:11:39	12.45	44.70	28.85	8.33	7.93	5.3	2.876	93.6	2.5	0.6
1130	11/22/2016 10:26:39	12.39	44.34	28.59	8.34	7.92	5.3	2.804	93.4	2.4	0.6
1131	11/22/2016 10:41:39	12.34	44.19	28.48	8.36	7.92	5.6	2.735	93.4	2.1	0.5
1132	11/22/2016 10:56:39	12.36	44.24	28.52	8.36	7.92	5.3	2.664	93.5	2.4	0.6
1133	11/22/2016 11:11:39	12.37	44.14	28.45	8.36	7.91	5.1	2.602	93.5	2.8	0.7
1134	11/22/2016 11:26:39	12.37	44.27	28.55	8.40	7.92	5.0	2.530	94.0	2.1	0.5
1135	11/22/2016 11:41:39	12.36	44.15	28.46	8.42	7.92	5.3	2.474	94.2	2.2	0.5
1136	11/22/2016 11:56:39	12.35	44.05	28.39	8.45	7.92	5.3	2.413	94.5	2.6	0.6
1137	11/22/2016 12:11:39	12.35	43.96	28.32	8.45	7.92	5.2	2.373	94.4	2.1	0.5
1138	11/22/2016 12:26:39	12.35	43.91	28.29	8.44	7.92	5.7	2.318	94.3	2.6	0.6
1139	11/22/2016 12:41:39	12.35	43.87	28.26	8.45	7.92	5.8	2.295	94.3	2.9	0.7
1140	11/22/2016 12:56:39	12.36	43.89	28.27	8.35	7.92	4.7	2.286	93.3	2.7	0.6
1141	11/22/2016 13:11:38	12.36	43.90	28.28	8.38	7.91	6.4	2.271	93.6	2.5	0.6
1142	11/22/2016 13:26:39	12.36	43.93	28.30	8.42	7.91	5.9	2.284	94.0	3.0	0.7
1143	11/22/2016 13:41:39	12.40	44.10	28.42	8.36	7.91	5.3	2.313	93.5	2.4	0.6
1144	11/22/2016 13:56:39	12.35	43.96	28.32	8.40	7.91	6.4	2.338	93.8	2.4	0.6
1145	11/22/2016 14:11:39	12.36	43.90	28.27	8.36	7.91	6.5	2.372	93.4	3.0	0.7
1146	11/22/2016 14:26:39	12.40	43.92	28.30	8.31	7.91	6.5	2.434	92.9	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1147	11/22/2016 14:41:39	12.37	43.67	28.11	8.29	7.90	6.9	2.488	92.6	2.8	0.7
1148	11/22/2016 14:56:39	12.36	43.67	28.11	8.30	7.90	6.0	2.539	92.6	2.2	0.5
1149	11/22/2016 15:11:39	12.40	43.83	28.23	8.30	7.91	6.4	2.605	92.8	2.3	0.5
1150	11/22/2016 15:26:39	12.48	44.41	28.65	8.30	7.92	6.4	2.662	93.1	2.6	0.6
1151	11/22/2016 15:41:39	12.58	44.90	29.00	8.30	7.93	7.2	2.721	93.6	2.1	0.5
1152	11/22/2016 15:56:39	12.59	44.99	29.07	8.35	7.94	8.0	2.804	94.2	2.4	0.6
1153	11/22/2016 16:11:39	12.58	45.11	29.15	8.35	7.94	7.2	2.861	94.2	2.4	0.6
1154	11/22/2016 16:26:39	12.56	45.16	29.19	8.34	7.94	6.5	2.938	94.1	2.2	0.5
1155	11/22/2016 16:41:39	12.60	45.33	29.31	8.33	7.95	6.5	3.006	94.1	2.8	0.6
1156	11/22/2016 16:56:39	12.66	45.50	29.43	8.33	7.95	6.1	3.065	94.3	2.6	0.6
1157	11/22/2016 17:11:39	12.68	45.58	29.49	8.32	7.96	6.2	3.119	94.3	2.3	0.5
1158	11/22/2016 17:26:39	12.73	45.63	29.53	8.32	7.97	5.8	3.170	94.4	2.5	0.6
1159	11/22/2016 17:41:39	12.76	45.62	29.53	8.33	7.97	5.7	3.206	94.6	2.7	0.6
1160	11/22/2016 17:56:39	12.81	45.74	29.61	8.33	7.98	5.4	3.250	94.7	2.1	0.5
1161	11/22/2016 18:11:39	12.83	45.79	29.65	8.34	7.98	5.4	3.286	94.9	2.4	0.6
1162	11/22/2016 18:26:39	12.85	45.87	29.70	8.32	7.99	5.0	3.294	94.8	2.6	0.6
1163	11/22/2016 18:41:39	12.84	45.90	29.73	8.27	7.98	4.3	3.322	94.1	2.5	0.6
1164	11/22/2016 18:56:39	12.77	45.67	29.56	8.31	7.97	4.8	3.319	94.4	2.3	0.6
1165	11/22/2016 19:11:39	12.80	45.75	29.62	8.25	7.97	4.9	3.286	93.8	2.4	0.6
1166	11/22/2016 19:26:38	12.82	45.76	29.62	8.31	7.97	5.3	3.278	94.4	2.4	0.6
1167	11/22/2016 19:41:38	12.57	45.23	29.24	8.38	7.96	5.3	3.232	94.6	2.5	0.6
1168	11/22/2016 19:56:39	12.38	44.79	28.91	8.42	7.95	7.2	3.184	94.5	2.1	0.5
1169	11/22/2016 20:11:39	12.36	44.70	28.85	8.42	7.94	6.8	3.142	94.4	2.3	0.5
1170	11/22/2016 20:26:38	12.27	44.37	28.61	8.40	7.93	6.7	3.078	93.8	2.9	0.7
1171	11/22/2016 20:41:39	12.25	44.34	28.59	8.38	7.93	6.8	3.004	93.5	2.6	0.6
1172	11/22/2016 20:56:38	12.18	44.01	28.35	8.41	7.92	7.6	2.935	93.6	2.3	0.5
1173	11/22/2016 21:11:39	12.20	43.99	28.34	8.39	7.92	7.1	2.871	93.4	2.0	0.5
1174	11/22/2016 21:26:39	12.12	43.58	28.04	8.39	7.91	7.9	2.775	93.0	2.4	0.6
1175	11/22/2016 21:41:38	12.08	43.35	27.88	8.36	7.90	8.8	2.711	92.6	3.3	0.8
1176	11/22/2016 21:56:39	12.07	43.39	27.91	8.40	7.91	8.9	2.630	93.0	2.7	0.6
1177	11/22/2016 22:11:39	11.98	43.28	27.82	8.43	7.91	9.8	2.563	93.1	2.6	0.6
1178	11/22/2016 22:26:39	11.95	43.24	27.79	8.44	7.91	9.4	2.493	93.1	2.8	0.7
1179	11/22/2016 22:41:39	11.92	43.27	27.81	8.42	7.91	10.0	2.406	92.9	2.8	0.7
1180	11/22/2016 22:56:39	11.90	43.21	27.77	8.44	7.91	10.0	2.334	93.0	2.7	0.6
1181	11/22/2016 23:11:39	11.89	43.17	27.74	8.43	7.90	10.2	2.280	92.9	2.5	0.6
1182	11/22/2016 23:26:39	11.98	43.43	27.93	8.34	7.90	8.8	2.196	92.2	3.0	0.7
1183	11/22/2016 23:41:39	11.81	43.42	27.92	8.36	7.90	11.2	2.135	92.1	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	11/22/2016 23:56:39	11.78	43.34	27.86	8.36	7.90	11.1	2.098	92.0	3.3	0.8
1185	11/23/2016 00:11:39	11.84	43.39	27.90	8.33	7.90	9.5	2.041	91.8	3.1	0.7
1186	11/23/2016 00:26:38	11.73	43.35	27.86	8.29	7.89	10.6	2.005	91.1	3.1	0.7
1187	11/23/2016 00:41:38	11.95	43.39	27.90	8.24	7.89	8.1	1.994	91.1	2.3	0.5
1188	11/23/2016 00:56:38	12.03	43.53	28.00	8.28	7.90	7.9	1.983	91.7	2.9	0.7
1189	11/23/2016 01:11:39	12.09	43.63	28.08	8.27	7.90	7.1	1.993	91.7	2.5	0.6
1190	11/23/2016 01:26:39	12.07	43.55	28.02	8.32	7.90	7.3	2.020	92.2	2.5	0.6
1191	11/23/2016 01:41:39	11.77	43.23	27.78	8.43	7.91	7.8	2.056	92.7	3.0	0.7
1192	11/23/2016 01:56:39	11.95	43.33	27.85	8.36	7.90	7.7	2.107	92.3	2.3	0.5
1193	11/23/2016 02:11:39	11.99	43.25	27.80	8.34	7.90	8.4	2.161	92.1	2.7	0.6
1194	11/23/2016 02:26:39	11.95	42.94	27.58	8.37	7.90	8.0	2.223	92.3	3.2	0.8
1195	11/23/2016 02:41:39	12.01	43.10	27.69	8.36	7.90	7.7	2.295	92.4	2.5	0.6
1196	11/23/2016 02:56:39	12.04	43.18	27.75	8.35	7.90	7.8	2.372	92.3	2.6	0.6
1197	11/23/2016 03:11:39	12.06	43.10	27.70	8.34	7.90	7.8	2.456	92.2	2.4	0.6
1198	11/23/2016 03:26:38	12.21	43.70	28.13	8.30	7.91	7.2	2.530	92.3	2.5	0.6
1199	11/23/2016 03:41:39	12.22	43.68	28.12	8.30	7.91	7.3	2.597	92.4	2.3	0.5
1200	11/23/2016 03:56:39	12.21	43.75	28.17	8.32	7.91	7.5	2.666	92.6	2.3	0.5
1201	11/23/2016 04:11:39	12.23	44.01	28.35	8.33	7.91	7.8	2.748	92.8	2.5	0.6
1202	11/23/2016 04:26:39	12.16	43.93	28.29	8.37	7.91	8.2	2.812	93.1	2.6	0.6
1203	11/23/2016 04:41:39	12.22	44.27	28.53	8.35	7.92	8.7	2.890	93.1	2.5	0.6
1204	11/23/2016 04:56:39	12.22	44.31	28.56	8.35	7.92	8.1	2.972	93.2	2.2	0.5
1205	11/23/2016 05:11:38	12.29	44.44	28.66	8.34	7.93	8.4	3.045	93.3	2.1	0.5
1206	11/23/2016 05:26:39	12.39	44.66	28.82	8.33	7.94	10.3	3.139	93.4	2.1	0.5
1207	11/23/2016 05:41:39	12.45	44.90	29.00	8.34	7.95	10.4	3.210	93.8	2.1	0.5
1208	11/23/2016 05:56:39	12.49	45.13	29.16	8.36	7.97	8.1	3.317	94.1	2.2	0.5
1209	11/23/2016 06:11:39	12.53	45.29	29.28	8.36	7.97	9.1	3.385	94.3	2.4	0.6
1210	11/23/2016 06:26:39	12.59	45.48	29.42	8.37	7.98	8.6	3.452	94.6	2.1	0.5
1211	11/23/2016 06:41:39	12.65	45.68	29.56	8.39	7.99	8.5	3.513	95.0	2.4	0.6
1212	11/23/2016 06:56:39	12.80	46.10	29.87	8.41	8.02	7.2	3.590	95.8	1.9	0.5
1213	11/23/2016 07:11:39	12.88	46.27	30.00	8.39	8.02	6.6	3.613	95.8	2.2	0.5
1214	11/23/2016 07:26:38	12.93	46.40	30.09	8.36	8.03	5.1	3.662	95.5	2.1	0.5
1215	11/23/2016 07:41:39	12.96	46.47	30.14	8.36	8.03	4.7	3.688	95.7	1.6	0.4
1216	11/23/2016 07:56:39	12.97	46.48	30.15	8.18	8.03	3.6	3.687	93.6	1.8	0.4
1217	11/23/2016 08:11:39	12.97	46.52	30.18	8.35	8.03	5.4	3.672	95.6	1.4	0.3
1218	11/23/2016 08:26:39	12.94	46.45	30.13	8.36	8.03	6.7	3.649	95.6	2.3	0.5
Mean		13.80	46.26	30.02	8.04	7.90	9.83	2.77	93.43	2.48	0.59
Minimum		11.73	42.94	27.58	7.10	7.76	3.60	0.88	84.50	1.10	0.30

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
	Maximum	16.04	49.45	32.29	8.73	8.04	46.70	4.29	102.00	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.)

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	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	11/23/2016 8:50	12.50	44.85	28.96	8.20	8.03	6.9	3.547	92.2	1.9	0.5
1	11/23/2016 9:05	12.15	44.13	28.44	8.16	8.00	7.8	3.477	90.8	2.3	0.5
2	11/23/2016 9:20	12.27	44.31	28.56	8.25	8.01	6.9	3.393	92.2	2.2	0.5
3	11/23/2016 9:35	12.07	43.39	27.90	8.33	7.99	7.2	3.340	92.2	2.3	0.5
4	11/23/2016 9:51	12.06	43.25	27.80	8.21	7.97	6.7	3.255	90.8	2.8	0.7
5	11/23/2016 10:06	12.14	43.49	27.98	8.16	7.98	7.6	3.182	90.6	2.4	0.6
6	11/23/2016 10:21	12.03	42.90	27.56	8.24	7.96	6.5	3.088	90.9	2.5	0.6
7	11/23/2016 10:36	12.02	42.79	27.48	8.22	7.96	6.1	3.028	90.7	2.5	0.6
8	11/23/2016 10:51	12.07	42.92	27.57	8.26	7.97	5.8	2.936	91.2	2.2	0.5
9	11/23/2016 11:06	12.09	42.89	27.55	8.27	7.96	6.0	2.869	91.4	2.7	0.6
10	11/23/2016 11:21	12.11	42.84	27.51	8.25	7.96	5.9	2.777	91.2	2.7	0.6
11	11/23/2016 11:36	12.06	42.62	27.36	8.31	7.95	6.2	2.692	91.7	2.3	0.6
12	11/23/2016 11:51	12.20	42.91	27.57	8.26	7.95	6.4	2.639	91.5	2.3	0.6
13	11/23/2016 12:06	12.17	42.67	27.40	8.33	7.96	6.5	2.553	92.1	2.3	0.5
14	11/23/2016 12:21	12.21	42.69	27.41	8.38	7.97	6.5	2.459	92.8	1.9	0.5
15	11/23/2016 12:36	12.15	42.54	27.30	8.43	7.97	6.6	2.391	93.2	2.1	0.5
16	11/23/2016 12:51	12.16	42.48	27.26	8.52	7.97	6.8	2.319	94.2	2.5	0.6
17	11/23/2016 13:06	12.23	42.47	27.25	8.60	7.98	7.2	2.237	95.2	2.2	0.5
18	11/23/2016 13:21	12.22	42.41	27.21	8.60	7.98	7.0	2.192	95.2	2.2	0.5
19	11/23/2016 13:36	12.30	42.45	27.24	8.69	7.98	7.2	2.171	96.3	3.0	0.7
20	11/23/2016 13:51	12.22	42.36	27.18	8.63	7.98	7.6	2.130	95.5	2.7	0.6
21	11/23/2016 14:06	12.23	42.28	27.12	8.61	7.98	7.3	2.106	95.2	3.0	0.7
22	11/23/2016 14:21	12.23	42.23	27.08	8.61	7.98	8.1	2.069	95.2	2.8	0.7
23	11/23/2016 14:36	12.13	42.41	27.21	8.55	7.97	7.0	2.100	94.4	2.4	0.6
24	11/23/2016 14:51	12.11	42.41	27.21	8.54	7.97	6.4	2.137	94.3	2.0	0.5
25	11/23/2016 15:06	12.18	42.15	27.03	8.58	7.96	7.2	2.157	94.8	2.4	0.6
26	11/23/2016 15:21	12.12	42.35	27.17	8.48	7.97	6.7	2.229	93.6	2.5	0.6
27	11/23/2016 15:36	12.11	42.10	26.99	8.43	7.96	7.5	2.256	92.8	1.8	0.4
28	11/23/2016 15:51	12.09	41.84	26.80	8.45	7.96	9.0	2.328	93.0	2.5	0.6
29	11/23/2016 16:06	12.12	41.96	26.89	8.36	7.95	7.6	2.433	92.1	2.5	0.6
30	11/23/2016 16:21	12.11	41.83	26.80	8.36	7.95	8.1	2.488	92.0	2.5	0.6
31	11/23/2016 16:36	12.13	42.14	27.02	8.35	7.95	8.4	2.548	92.0	2.8	0.7
32	11/23/2016 16:51	12.15	42.10	26.99	8.33	7.95	7.5	2.605	91.9	2.4	0.6
33	11/23/2016 17:06	12.22	42.32	27.15	8.31	7.96	7.4	2.669	91.9	3.1	0.7
34	11/23/2016 17:21	12.26	42.87	27.54	8.29	7.96	7.0	2.730	91.9	1.9	0.4
35	11/23/2016 17:36	12.28	43.08	27.69	8.25	7.96	7.9	2.807	91.6	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
36	11/23/2016 17:51	12.26	43.11	27.71	8.25	7.97	7.5	2.848	91.6	2.7	0.6
37	11/23/2016 18:06	12.24	43.21	27.78	8.28	7.97	7.5	2.890	92.0	2.6	0.6
38	11/23/2016 18:21	12.25	43.22	27.79	8.26	7.98	7.7	2.964	91.8	2.5	0.6
39	11/23/2016 18:36	12.29	43.33	27.87	8.24	7.98	7.5	2.999	91.7	2.8	0.7
40	11/23/2016 18:51	12.33	43.53	28.01	8.26	7.99	6.8	3.053	92.1	2.5	0.6
41	11/23/2016 19:06	12.35	43.58	28.05	8.23	7.99	6.4	3.121	91.8	2.3	0.6
42	11/23/2016 19:21	12.36	43.63	28.08	8.23	7.99	6.7	3.153	91.8	3.4	0.8
43	11/23/2016 19:36	12.39	43.71	28.15	8.19	7.99	5.9	3.182	91.4	2.6	0.6
44	11/23/2016 19:51	12.42	43.83	28.23	8.18	7.99	7.1	3.219	91.5	2.6	0.6
45	11/23/2016 20:06	12.45	43.88	28.27	8.13	8.00	4.5	3.224	90.9	2.6	0.6
46	11/23/2016 20:21	12.45	43.91	28.29	8.11	8.00	5.7	3.216	90.8	2.5	0.6
47	11/23/2016 20:36	12.45	43.93	28.30	8.14	8.00	5.7	3.197	91.1	2.4	0.6
48	11/23/2016 20:51	12.42	43.84	28.24	8.13	7.98	6.2	3.184	90.9	2.2	0.5
49	11/23/2016 21:06	12.37	43.68	28.12	8.18	7.98	7.5	3.116	91.3	2.3	0.6
50	11/23/2016 21:21	12.30	43.36	27.89	8.13	7.98	8.1	3.047	90.4	2.4	0.6
51	11/23/2016 21:36	12.07	42.72	27.42	8.23	7.97	8.7	3.025	90.8	2.4	0.6
52	11/23/2016 21:51	12.10	42.89	27.55	8.25	7.98	7.9	2.960	91.2	2.6	0.6
53	11/23/2016 22:06	12.12	42.69	27.41	8.32	7.98	8.3	2.886	92.0	2.0	0.5
54	11/23/2016 22:21	11.99	42.08	26.97	8.45	7.98	9.2	2.783	92.9	3.3	0.8
55	11/23/2016 22:36	11.98	41.95	26.88	8.49	7.97	8.5	2.726	93.2	2.7	0.6
56	11/23/2016 22:51	11.79	41.67	26.68	8.58	7.98	9.5	2.661	93.7	2.8	0.7
57	11/23/2016 23:06	11.77	41.22	26.35	8.59	7.96	8.5	2.601	93.6	2.4	0.6
58	11/23/2016 23:21	11.79	41.23	26.36	8.58	7.97	8.7	2.522	93.5	2.6	0.6
59	11/23/2016 23:36	11.76	41.23	26.36	8.57	7.96	8.9	2.472	93.4	2.8	0.7
60	11/23/2016 23:51	11.73	41.23	26.36	8.55	7.96	9.3	2.350	93.1	2.8	0.7
61	11/24/2016 0:06	11.60	41.15	26.30	8.64	7.97	11.2	2.305	93.8	2.9	0.7
62	11/24/2016 0:21	11.61	41.24	26.36	8.58	7.97	11.0	2.265	93.1	3.0	0.7
63	11/24/2016 0:36	11.58	41.36	26.45	8.56	7.97	12.4	2.186	92.9	3.6	0.8
64	11/24/2016 0:51	11.52	41.40	26.47	8.59	7.97	13.3	2.162	93.2	2.8	0.7
65	11/24/2016 1:06	11.52	41.33	26.42	8.59	7.98	11.6	2.110	93.1	3.4	0.8
66	11/24/2016 1:21	11.51	41.28	26.39	8.62	7.97	10.4	2.057	93.5	3.3	0.8
67	11/24/2016 1:36	11.51	41.25	26.37	8.63	7.97	9.8	2.065	93.5	3.6	0.8
68	11/24/2016 1:51	11.48	41.23	26.35	8.66	7.98	9.5	2.038	93.7	3.4	0.8
69	11/24/2016 2:06	11.49	41.26	26.37	8.63	7.98	8.7	2.024	93.5	3.2	0.8
70	11/24/2016 2:21	11.49	41.33	26.42	8.62	7.97	10.6	2.082	93.4	3.0	0.7
71	11/24/2016 2:36	11.66	41.53	26.57	8.56	7.97	7.9	2.113	93.1	2.7	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	Fluorescence %FS
72	11/24/2016 2:51	11.68	41.46	26.52	8.52	7.96	8.1	2.128	92.7	2.9	0.7
73	11/24/2016 3:06	11.71	41.32	26.42	8.51	7.97	10.0	2.200	92.7	2.4	0.6
74	11/24/2016 3:21	11.75	41.30	26.41	8.51	7.96	9.3	2.268	92.7	3.0	0.7
75	11/24/2016 3:36	11.81	41.53	26.58	8.43	7.95	8.4	2.337	92.1	2.6	0.6
76	11/24/2016 3:51	11.90	41.75	26.73	8.40	7.95	9.2	2.405	92.0	2.7	0.6
77	11/24/2016 4:06	12.00	42.01	26.92	8.37	7.96	8.6	2.521	92.0	2.6	0.6
78	11/24/2016 4:21	12.01	42.12	27.00	8.35	7.96	9.2	2.575	91.9	2.8	0.7
79	11/24/2016 4:36	12.01	42.37	27.18	8.32	7.96	9.5	2.645	91.6	2.7	0.6
80	11/24/2016 4:51	11.97	42.41	27.21	8.35	7.95	10.0	2.706	91.8	2.5	0.6
81	11/24/2016 5:06	11.95	42.51	27.28	8.38	7.96	9.9	2.778	92.3	2.3	0.6
82	11/24/2016 5:21	11.93	42.59	27.33	8.40	7.95	10.4	2.881	92.4	3.1	0.7
83	11/24/2016 5:36	12.07	42.89	27.55	8.37	7.97	10.3	2.943	92.5	2.5	0.6
84	11/24/2016 5:51	12.14	43.15	27.74	8.33	7.98	11.5	3.029	92.3	3.0	0.7
85	11/24/2016 6:06	12.18	43.23	27.79	8.32	7.99	10.0	3.096	92.2	2.5	0.6
86	11/24/2016 6:21	12.26	43.41	27.93	8.33	8.00	11.3	3.177	92.6	2.9	0.7
87	11/24/2016 6:36	12.34	43.77	28.19	8.40	8.01	12.3	3.289	93.7	2.7	0.6
88	11/24/2016 6:51	12.40	44.03	28.37	8.45	8.01	11.5	3.366	94.5	2.4	0.6
89	11/24/2016 7:06	12.54	44.51	28.72	8.47	8.03	12.7	3.437	95.3	2.8	0.7
90	11/24/2016 7:21	12.65	44.92	29.02	8.59	8.04	13.1	3.501	97.0	2.5	0.6
91	11/24/2016 7:36	12.80	45.30	29.30	8.72	8.06	12.0	3.575	98.9	2.6	0.6
92	11/24/2016 7:51	12.91	45.65	29.55	8.77	8.07	10.9	3.629	99.8	2.2	0.5
93	11/24/2016 8:06	12.97	45.83	29.68	8.82	8.07	9.7	3.681	100.6	2.3	0.5
94	11/24/2016 8:21	13.01	45.96	29.77	8.83	8.07	8.3	3.713	100.9	2.8	0.7
95	11/24/2016 8:36	13.09	46.16	29.92	8.83	8.07	8.4	3.737	101.2	1.6	0.4
96	11/24/2016 8:51	13.11	46.22	29.97	8.76	8.08	7.0	3.744	100.4	1.3	0.3
97	11/24/2016 9:06	13.08	46.12	29.89	8.84	8.08	7.0	3.716	101.2	1.4	0.3
98	11/24/2016 9:21	13.05	46.07	29.85	8.82	8.07	7.9	3.696	100.9	2.1	0.5
99	11/24/2016 9:36	12.70	45.20	29.22	8.72	8.06	8.6	3.635	98.7	2.2	0.5
100	11/24/2016 9:51	12.27	44.09	28.41	8.62	8.03	7.6	3.563	96.1	1.9	0.4
101	11/24/2016 10:06	12.64	45.00	29.07	8.67	8.05	10.1	3.469	97.9	2.4	0.6
102	11/24/2016 10:21	12.33	44.03	28.37	8.61	8.02	11.9	3.397	96.2	2.0	0.5
103	11/24/2016 10:36	12.36	44.09	28.42	8.57	8.01	8.9	3.319	95.8	2.3	0.5
104	11/24/2016 10:51	12.04	43.03	27.65	8.55	7.99	8.0	3.235	94.4	2.3	0.5
105	11/24/2016 11:06	12.02	42.92	27.57	8.59	7.99	7.2	3.133	94.8	2.1	0.5
106	11/24/2016 11:21	11.92	42.61	27.35	8.58	7.98	7.7	3.031	94.4	2.4	0.6
107	11/24/2016 11:36	11.93	42.56	27.31	8.64	7.98	7.9	2.953	95.1	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
108	11/24/2016 11:51	11.88	42.37	27.17	8.67	7.95	8.3	2.842	95.1	2.6	0.6
109	11/24/2016 12:06	11.81	42.12	27.00	8.69	7.97	8.3	2.758	95.2	2.8	0.7
110	11/24/2016 12:21	11.86	42.20	27.05	8.75	7.98	9.3	2.673	95.9	2.5	0.6
111	11/24/2016 12:36	11.87	42.11	26.99	8.73	7.98	9.0	2.570	95.7	2.8	0.7
112	11/24/2016 12:51	11.85	41.98	26.89	8.76	7.98	9.7	2.460	96.0	2.8	0.7
113	11/24/2016 13:06	11.87	41.96	26.88	8.81	7.98	11.1	2.384	96.5	2.8	0.7
114	11/24/2016 13:21	11.86	41.88	26.82	8.84	7.98	11.1	2.316	96.8	3.0	0.7
115	11/24/2016 13:36	11.88	41.91	26.85	8.93	7.99	11.5	2.200	97.8	3.6	0.9
116	11/24/2016 13:51	11.87	41.86	26.81	8.97	7.98	11.5	2.135	98.2	3.2	0.8
117	11/24/2016 14:06	11.84	41.78	26.75	9.02	7.98	12.3	2.079	98.7	3.1	0.7
118	11/24/2016 14:21	11.86	41.84	26.79	9.00	8.00	12.0	1.987	98.6	3.4	0.8
119	11/24/2016 14:36	11.80	41.70	26.70	8.98	7.99	11.5	1.944	98.1	3.1	0.7
120	11/24/2016 14:51	11.76	41.66	26.66	8.94	7.98	10.1	1.947	97.6	3.0	0.7
121	11/24/2016 15:06	11.76	41.68	26.68	8.95	7.98	10.0	1.934	97.7	3.4	0.8
122	11/24/2016 15:21	11.78	41.69	26.69	8.96	7.98	10.1	1.882	97.8	3.0	0.7
123	11/24/2016 15:36	11.83	41.69	26.69	8.99	7.98	12.2	1.949	98.3	3.8	0.9
124	11/24/2016 15:51	11.80	41.78	26.75	8.88	7.98	9.6	1.969	97.1	2.8	0.7
125	11/24/2016 16:06	11.82	41.57	26.61	8.80	7.98	9.6	2.032	96.2	3.0	0.7
126	11/24/2016 16:21	11.81	41.45	26.52	8.76	7.98	9.7	2.088	95.6	2.6	0.6
127	11/24/2016 16:36	11.80	41.22	26.36	8.81	7.97	8.4	2.189	96.1	2.8	0.7
128	11/24/2016 16:51	11.81	41.22	26.36	8.80	7.97	9.4	2.271	96.0	3.1	0.7
129	11/24/2016 17:06	11.82	41.38	26.47	8.77	7.97	11.2	2.340	95.8	3.2	0.8
130	11/24/2016 17:21	11.86	41.55	26.59	8.68	7.96	10.9	2.401	94.9	2.9	0.7
131	11/24/2016 17:36	11.91	41.59	26.62	8.70	7.98	8.9	2.490	95.3	2.8	0.7
132	11/24/2016 17:51	11.96	42.19	27.05	8.63	7.98	10.6	2.557	94.8	2.5	0.6
133	11/24/2016 18:06	11.90	42.25	27.08	8.67	7.97	10.4	2.621	95.2	2.9	0.7
134	11/24/2016 18:21	11.84	42.35	27.16	8.66	7.97	12.0	2.692	95.0	3.1	0.7
135	11/24/2016 18:36	11.86	42.40	27.19	8.67	7.98	11.1	2.749	95.2	3.0	0.7
136	11/24/2016 18:51	11.89	42.53	27.28	8.63	7.98	10.8	2.817	94.8	3.0	0.7
137	11/24/2016 19:06	11.93	42.65	27.37	8.61	7.99	9.8	2.891	94.7	2.8	0.7
138	11/24/2016 19:21	12.03	42.79	27.48	8.61	8.00	9.8	2.932	95.0	3.2	0.8
139	11/24/2016 19:36	12.10	42.90	27.56	8.61	8.00	10.6	3.007	95.2	2.7	0.6
140	11/24/2016 19:51	12.15	43.11	27.71	8.63	8.01	9.7	3.037	95.7	2.6	0.6
141	11/24/2016 20:06	12.23	43.36	27.89	8.66	8.01	8.6	3.092	96.2	2.6	0.6
142	11/24/2016 20:21	12.29	43.54	28.02	8.63	8.01	8.4	3.141	96.1	2.3	0.6
143	11/24/2016 20:36	12.31	43.69	28.13	8.66	8.01	8.1	3.175	96.6	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
144	11/24/2016 20:51	12.36	43.87	28.26	8.66	8.02	7.0	3.211	96.7	2.4	0.6
145	11/24/2016 21:06	12.40	44.01	28.36	8.63	8.02	6.6	3.239	96.6	2.3	0.6
146	11/24/2016 21:21	12.41	44.12	28.44	8.61	8.02	5.9	3.237	96.4	2.9	0.7
147	11/24/2016 21:36	12.17	43.22	27.78	8.63	8.00	7.6	3.224	95.7	2.6	0.6
148	11/24/2016 21:51	12.41	44.01	28.36	8.55	8.02	7.6	3.214	95.6	2.6	0.6
149	11/24/2016 22:06	12.32	43.74	28.16	8.60	8.02	8.4	3.170	95.9	2.4	0.6
150	11/24/2016 22:21	12.03	43.17	27.74	8.62	8.00	9.8	3.114	95.3	2.6	0.6
151	11/24/2016 22:36	12.00	42.99	27.62	8.68	8.00	8.8	3.069	95.8	2.4	0.6
152	11/24/2016 22:51	11.96	42.98	27.61	8.67	8.00	8.9	2.990	95.6	2.4	0.6
153	11/24/2016 23:06	11.89	42.81	27.48	8.67	7.99	10.0	2.919	95.4	2.7	0.6
154	11/24/2016 23:21	11.89	42.82	27.49	8.64	7.99	9.8	2.866	95.0	2.9	0.7
155	11/24/2016 23:36	11.85	42.67	27.39	8.67	7.99	10.1	2.813	95.2	2.3	0.5
156	11/24/2016 23:51	11.79	42.45	27.23	8.63	7.98	9.9	2.739	94.6	2.5	0.6
157	11/25/2016 0:06	11.72	42.23	27.07	8.67	7.98	11.1	2.647	94.8	2.5	0.6
158	11/25/2016 0:21	11.69	42.21	27.05	8.65	7.97	11.9	2.600	94.5	2.7	0.6
159	11/25/2016 0:36	11.66	42.11	26.98	8.71	7.97	13.6	2.553	95.0	3.0	0.7
160	11/25/2016 0:51	11.60	41.87	26.81	8.73	7.97	13.0	2.465	95.1	3.0	0.7
161	11/25/2016 1:06	11.57	41.74	26.71	8.71	7.97	14.5	2.413	94.7	2.9	0.7
162	11/25/2016 1:21	11.53	41.56	26.58	8.75	7.98	14.7	2.382	95.0	3.6	0.8
163	11/25/2016 1:36	11.49	41.44	26.50	8.75	7.97	14.7	2.292	94.9	3.2	0.8
164	11/25/2016 1:51	11.47	41.35	26.44	8.74	7.97	14.1	2.269	94.7	3.1	0.7
165	11/25/2016 2:06	11.45	41.29	26.39	8.75	7.97	13.7	2.266	94.7	2.8	0.7
166	11/25/2016 2:21	11.45	41.28	26.39	8.74	7.97	13.3	2.220	94.6	3.2	0.8
167	11/25/2016 2:36	11.58	41.63	26.64	8.61	7.96	10.6	2.186	93.6	2.8	0.7
168	11/25/2016 2:51	11.57	41.59	26.61	8.67	7.96	10.6	2.169	94.2	3.0	0.7
169	11/25/2016 3:06	11.45	41.33	26.42	8.77	7.97	11.6	2.201	94.9	3.5	0.8
170	11/25/2016 3:21	11.47	41.42	26.49	8.77	7.98	11.2	2.239	95.1	3.1	0.7
171	11/25/2016 3:36	11.56	41.70	26.69	8.70	7.98	10.6	2.229	94.6	3.0	0.7
172	11/25/2016 3:51	11.54	41.59	26.61	8.74	7.97	11.0	2.319	94.9	3.4	0.8
173	11/25/2016 4:06	11.65	41.92	26.85	8.67	7.98	12.6	2.342	94.6	2.2	0.5
174	11/25/2016 4:21	11.68	42.02	26.92	8.64	7.98	12.6	2.428	94.3	3.1	0.7
175	11/25/2016 4:36	11.77	42.05	26.94	8.62	7.98	11.4	2.519	94.2	3.1	0.7
176	11/25/2016 4:51	11.79	42.16	27.02	8.65	7.98	10.5	2.563	94.7	2.9	0.7
177	11/25/2016 5:06	11.91	42.62	27.35	8.60	7.99	12.0	2.650	94.6	2.5	0.6
178	11/25/2016 5:21	11.88	42.63	27.36	8.66	7.99	15.3	2.735	95.2	2.5	0.6
179	11/25/2016 5:36	11.96	42.94	27.58	8.63	8.00	15.4	2.811	95.1	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
180	11/25/2016 5:51	12.02	43.13	27.72	8.63	8.00	13.3	2.903	95.3	2.9	0.7
181	11/25/2016 6:06	12.09	43.40	27.92	8.63	8.01	16.7	2.976	95.7	2.7	0.6
182	11/25/2016 6:21	12.23	43.76	28.17	8.68	8.02	17.0	3.054	96.6	2.7	0.6
183	11/25/2016 6:36	12.21	43.73	28.15	8.70	8.02	14.9	3.155	96.8	2.5	0.6
184	11/25/2016 6:51	12.27	43.83	28.22	8.71	8.02	13.4	3.225	97.0	2.9	0.7
185	11/25/2016 7:06	12.37	44.13	28.44	8.68	8.03	15.9	3.300	97.1	3.0	0.7
186	11/25/2016 7:21	12.45	44.40	28.64	8.69	8.04	14.7	3.431	97.5	2.8	0.7
187	11/25/2016 7:36	12.64	45.02	29.09	8.73	8.05	14.8	3.486	98.5	2.5	0.6
188	11/25/2016 7:51	12.77	45.49	29.43	8.75	8.06	14.8	3.576	99.3	2.1	0.5
189	11/25/2016 8:06	12.82	45.65	29.55	8.81	8.07	13.0	3.651	100.1	2.4	0.6
190	11/25/2016 8:21	12.96	46.07	29.85	8.86	8.06	11.6	3.698	101.2	2.7	0.6
191	11/25/2016 8:36	13.04	46.35	30.06	8.89	8.07	10.4	3.732	101.8	1.4	0.3
192	11/25/2016 8:51	13.07	46.45	30.13	8.91	8.08	9.2	3.777	102.1	1.7	0.4
193	11/25/2016 9:06	13.10	46.55	30.20	8.85	8.08	7.1	3.789	101.6	1.8	0.4
194	11/25/2016 9:21	13.10	46.55	30.20	8.86	8.08	7.2	3.826	101.7	1.8	0.4
195	11/25/2016 9:36	13.05	46.40	30.10	8.84	8.08	8.7	3.772	101.3	2.4	0.6
196	11/25/2016 9:51	12.74	45.48	29.42	8.75	8.05	9.5	3.734	99.2	2.3	0.6
197	11/25/2016 10:06	12.54	44.85	28.96	8.80	8.04	12.2	3.682	99.1	1.9	0.5
198	11/25/2016 10:21	12.69	45.32	29.30	8.79	8.05	10.4	3.640	99.5	2.1	0.5
199	11/25/2016 10:36	12.35	44.25	28.53	8.79	8.03	11.8	3.521	98.2	2.3	0.5
200	11/25/2016 10:51	12.29	43.99	28.34	8.77	8.03	14.4	3.464	97.8	2.3	0.6
201	11/25/2016 11:06	12.30	44.08	28.41	8.77	8.04	12.4	3.357	97.9	2.1	0.5
202	11/25/2016 11:21	12.27	43.90	28.28	8.76	8.02	13.5	3.271	97.6	2.6	0.6
203	11/25/2016 11:36	11.97	42.93	27.58	8.76	8.00	12.0	3.180	96.6	2.4	0.6
204	11/25/2016 11:51	11.82	42.26	27.09	8.83	7.99	12.3	3.081	96.7	3.1	0.7
205	11/25/2016 12:06	11.79	42.02	26.92	8.85	7.99	11.5	2.989	96.8	2.2	0.5
206	11/25/2016 12:21	11.72	41.61	26.63	8.87	7.99	12.0	2.870	96.8	2.9	0.7
207	11/25/2016 12:36	11.70	41.33	26.43	8.90	7.99	12.5	2.769	96.9	2.6	0.6
208	11/25/2016 12:51	11.71	41.27	26.39	8.90	7.98	11.9	2.690	96.9	3.2	0.8
209	11/25/2016 13:06	11.89	41.99	26.90	8.84	7.99	11.9	2.579	96.9	2.5	0.6
210	11/25/2016 13:21	11.92	42.05	26.94	8.88	8.00	11.7	2.462	97.4	2.7	0.6
211	11/25/2016 13:36	11.88	41.84	26.79	8.90	8.00	12.0	2.374	97.5	2.8	0.7
212	11/25/2016 13:51	11.87	41.75	26.74	8.92	8.00	13.2	2.291	97.7	3.1	0.7
213	11/25/2016 14:06	11.91	41.86	26.81	8.92	8.00	13.4	2.213	97.8	2.7	0.6
214	11/25/2016 14:21	11.93	41.97	26.89	8.92	8.00	14.0	2.089	97.9	3.1	0.7
215	11/25/2016 14:36	11.83	41.65	26.66	8.93	7.99	13.2	1.989	97.6	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
216	11/25/2016 14:51	11.80	41.62	26.64	8.91	7.99	12.0	1.946	97.3	3.5	0.8
217	11/25/2016 15:06	11.81	41.65	26.66	8.94	8.00	12.9	1.885	97.7	3.5	0.8
218	11/25/2016 15:21	11.73	41.52	26.56	8.90	7.99	12.2	1.872	97.0	3.2	0.8
219	11/25/2016 15:36	11.70	41.49	26.55	8.86	7.99	11.0	1.827	96.6	3.0	0.7
220	11/25/2016 15:51	11.70	41.52	26.57	8.90	7.99	13.0	1.817	97.0	3.5	0.8
221	11/25/2016 16:06	11.72	41.49	26.55	8.92	7.98	13.4	1.819	97.2	3.1	0.7
222	11/25/2016 16:21	11.73	41.50	26.55	8.91	7.99	12.4	1.842	97.1	2.9	0.7
223	11/25/2016 16:36	11.79	41.51	26.56	8.87	7.99	11.9	1.904	96.8	2.9	0.7
224	11/25/2016 16:51	11.73	41.11	26.28	8.86	7.98	14.3	1.974	96.5	3.1	0.7
225	11/25/2016 17:06	11.72	41.18	26.33	8.84	7.98	13.7	2.029	96.2	3.1	0.7
226	11/25/2016 17:21	11.70	40.85	26.09	8.86	7.98	12.1	2.127	96.2	3.1	0.7
227	11/25/2016 17:36	11.68	40.69	25.98	8.87	7.98	12.5	2.218	96.2	2.9	0.7
228	11/25/2016 17:51	11.71	41.07	26.25	8.83	7.97	13.1	2.291	96.0	3.7	0.9
229	11/25/2016 18:06	11.81	41.74	26.73	8.79	7.99	13.8	2.362	96.1	3.4	0.8
230	11/25/2016 18:21	11.81	41.93	26.86	8.80	7.99	15.6	2.422	96.3	3.3	0.8
231	11/25/2016 18:36	11.81	42.13	27.00	8.80	7.99	17.1	2.499	96.4	3.0	0.7
232	11/25/2016 18:51	11.79	42.22	27.06	8.84	7.99	17.0	2.582	96.7	2.5	0.6
233	11/25/2016 19:06	11.77	42.25	27.09	8.82	7.98	17.9	2.637	96.5	3.5	0.8
234	11/25/2016 19:21	11.82	42.42	27.21	8.80	7.99	18.3	2.711	96.5	2.6	0.6
235	11/25/2016 19:36	11.90	42.65	27.37	8.80	7.99	17.5	2.802	96.8	3.0	0.7
236	11/25/2016 19:51	11.99	42.77	27.46	8.77	8.00	21.4	2.849	96.7	3.1	0.7
237	11/25/2016 20:06	12.06	43.02	27.64	8.76	8.01	17.4	2.925	96.8	3.7	0.9
238	11/25/2016 20:21	12.13	43.27	27.82	8.80	8.01	16.3	3.000	97.5	2.4	0.6
239	11/25/2016 20:36	12.21	43.55	28.02	8.80	8.02	15.3	3.097	97.8	3.1	0.7
240	11/25/2016 20:51	12.29	43.83	28.22	8.76	8.03	14.8	3.152	97.7	2.4	0.6
241	11/25/2016 21:06	12.37	44.11	28.43	8.75	8.03	15.8	3.218	97.9	2.3	0.5
242	11/25/2016 21:21	12.45	44.31	28.58	8.79	8.04	14.7	3.242	98.6	1.9	0.5
243	11/25/2016 21:36	12.61	44.91	29.01	8.83	8.05	15.2	3.307	99.6	2.6	0.6
244	11/25/2016 21:51	12.68	45.17	29.20	8.85	8.06	13.4	3.326	100.1	2.5	0.6
245	11/25/2016 22:06	12.73	45.39	29.36	8.83	8.06	9.9	3.371	100.0	1.9	0.4
246	11/25/2016 22:21	12.75	45.46	29.41	8.75	8.06	8.1	3.357	99.2	2.4	0.6
247	11/25/2016 22:36	12.76	45.49	29.43	8.85	8.05	9.9	3.328	100.4	1.9	0.4
248	11/25/2016 22:51	12.51	44.63	28.81	8.80	8.05	9.4	3.290	98.9	2.4	0.6
249	11/25/2016 23:06	12.10	43.65	28.09	8.72	8.02	11.8	3.254	96.8	2.6	0.6
250	11/25/2016 23:21	12.09	43.70	28.13	8.75	8.02	10.9	3.163	97.0	2.6	0.6
251	11/25/2016 23:36	11.97	43.34	27.87	8.76	8.02	13.2	3.101	96.8	2.7	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	Fluorescence %FS
252	11/25/2016 23:51	11.85	42.91	27.55	8.72	8.00	16.4	3.026	95.9	2.9	0.7
253	11/26/2016 0:06	11.81	42.84	27.50	8.78	8.00	16.7	2.946	96.4	2.7	0.6
254	11/26/2016 0:21	11.79	42.75	27.44	8.79	8.00	13.9	2.903	96.4	2.8	0.7
255	11/26/2016 0:36	11.76	42.63	27.36	8.78	8.00	13.6	2.818	96.2	2.5	0.6
256	11/26/2016 0:51	11.73	42.48	27.25	8.76	8.00	13.7	2.751	95.9	3.0	0.7
257	11/26/2016 1:06	11.72	42.48	27.24	8.78	8.00	13.4	2.699	96.1	2.9	0.7
258	11/26/2016 1:21	11.66	42.29	27.11	8.79	8.00	14.5	2.632	96.0	2.8	0.7
259	11/26/2016 1:36	11.62	42.16	27.02	8.81	8.00	14.0	2.568	96.1	3.0	0.7
260	11/26/2016 1:51	11.59	42.03	26.92	8.77	7.99	13.3	2.537	95.6	2.7	0.6
261	11/26/2016 2:06	11.57	41.99	26.89	8.75	7.98	13.9	2.467	95.3	3.0	0.7
262	11/26/2016 2:21	11.59	42.10	26.97	8.76	7.98	14.4	2.423	95.4	2.6	0.6
263	11/26/2016 2:36	11.58	42.11	26.98	8.76	7.99	13.5	2.402	95.5	2.3	0.5
264	11/26/2016 2:51	11.57	42.06	26.94	8.74	7.98	13.6	2.380	95.2	2.8	0.7
265	11/26/2016 3:06	11.56	42.04	26.92	8.77	7.99	12.4	2.354	95.4	2.7	0.6
266	11/26/2016 3:21	11.55	41.98	26.88	8.75	7.99	9.9	2.349	95.2	3.0	0.7
267	11/26/2016 3:36	11.58	42.07	26.95	8.70	7.99	10.8	2.323	94.8	2.9	0.7
268	11/26/2016 3:51	11.60	42.14	27.00	8.71	7.99	11.6	2.315	95.0	2.6	0.6
269	11/26/2016 4:06	11.54	41.96	26.87	8.74	7.98	12.3	2.365	95.1	2.7	0.6
270	11/26/2016 4:21	11.62	42.21	27.05	8.74	7.99	12.3	2.379	95.3	2.9	0.7
271	11/26/2016 4:36	11.63	42.21	27.05	8.75	7.99	12.9	2.431	95.5	3.0	0.7
272	11/26/2016 4:51	11.54	41.90	26.82	8.81	7.99	12.3	2.480	95.7	2.7	0.6
273	11/26/2016 5:06	11.69	42.28	27.10	8.72	7.99	14.1	2.532	95.3	3.3	0.8
274	11/26/2016 5:21	11.77	42.50	27.26	8.73	7.99	16.2	2.612	95.7	3.0	0.7
275	11/26/2016 5:36	11.76	42.60	27.33	8.76	8.00	14.3	2.683	96.0	2.7	0.7
276	11/26/2016 5:51	11.83	42.85	27.51	8.72	8.01	14.0	2.774	95.9	2.8	0.7
277	11/26/2016 6:06	11.97	43.29	27.83	8.71	8.01	18.3	2.842	96.2	2.4	0.6
278	11/26/2016 6:21	12.05	43.54	28.01	8.76	8.01	19.4	2.947	97.0	2.6	0.6
279	11/26/2016 6:36	12.14	43.79	28.19	8.74	8.02	29.9	3.033	97.2	3.5	0.8
280	11/26/2016 6:51	12.24	44.09	28.41	8.75	8.02	22.9	3.133	97.6	2.8	0.7
281	11/26/2016 7:06	12.31	44.35	28.59	8.79	8.03	20.1	3.237	98.3	2.6	0.6
282	11/26/2016 7:21	12.31	44.41	28.64	8.81	8.02	18.4	3.295	98.5	2.5	0.6
283	11/26/2016 7:36	12.37	44.61	28.78	8.78	8.02	18.6	3.405	98.4	2.4	0.6
284	11/26/2016 7:51	12.49	44.98	29.06	8.82	8.04	17.2	3.482	99.3	2.5	0.6
285	11/26/2016 8:06	12.60	45.39	29.35	8.78	8.05	15.3	3.560	99.3	2.4	0.6
286	11/26/2016 8:21	12.68	45.64	29.53	8.82	8.06	13.1	3.629	99.9	2.5	0.6
287	11/26/2016 8:36	12.85	46.16	29.92	8.77	8.07	11.7	3.699	100.0	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
288	11/26/2016 8:51	12.96	46.51	30.17	8.79	8.08	10.4	3.753	100.6	1.5	0.4
289	11/26/2016 9:06	13.03	46.75	30.34	8.81	8.08	10.3	3.782	101.1	1.8	0.4
290	11/26/2016 9:21	13.09	46.95	30.49	8.79	8.08	9.5	3.847	101.0	1.9	0.4
291	11/26/2016 9:36	13.12	47.10	30.60	8.77	8.08	8.9	3.864	101.0	1.3	0.3
292	11/26/2016 9:51	13.12	47.13	30.62	8.66	8.08	5.9	3.842	99.8	1.7	0.4
293	11/26/2016 10:06	13.10	47.07	30.58	8.71	8.08	8.3	3.836	100.3	1.4	0.3
294	11/26/2016 10:21	13.00	46.77	30.36	8.72	8.08	7.5	3.829	100.0	1.6	0.4
295	11/26/2016 10:36	12.73	45.98	29.78	8.77	8.07	8.6	3.774	99.6	1.6	0.4
296	11/26/2016 10:51	12.50	45.14	29.17	8.79	8.05	10.1	3.683	99.0	1.8	0.4
297	11/26/2016 11:06	12.45	44.95	29.03	8.78	8.05	10.0	3.602	98.7	2.4	0.6
298	11/26/2016 11:21	12.27	44.37	28.61	8.82	8.04	10.0	3.545	98.5	2.2	0.5
299	11/26/2016 11:36	12.51	44.95	29.03	8.79	8.05	14.1	3.414	98.9	1.7	0.4
300	11/26/2016 11:51	12.07	43.63	28.08	8.85	8.03	11.4	3.327	98.0	1.9	0.4
301	11/26/2016 12:06	11.98	43.41	27.92	8.86	8.02	10.5	3.238	97.9	2.3	0.5
302	11/26/2016 12:21	11.89	43.13	27.71	8.86	8.01	10.1	3.134	97.6	2.3	0.6
303	11/26/2016 12:36	11.84	42.85	27.51	8.83	8.01	9.7	3.012	97.1	2.1	0.5
304	11/26/2016 12:51	11.80	42.68	27.39	8.88	8.01	10.2	2.910	97.4	2.3	0.5
305	11/26/2016 13:06	11.73	42.40	27.19	8.90	8.01	9.5	2.813	97.4	2.1	0.5
306	11/26/2016 13:21	11.69	42.24	27.07	8.87	8.01	10.1	2.687	96.9	2.4	0.6
307	11/26/2016 13:36	11.66	42.16	27.02	8.85	8.01	10.9	2.622	96.6	2.3	0.5
308	11/26/2016 13:51	11.71	42.37	27.16	8.84	8.00	12.5	2.510	96.7	2.5	0.6
309	11/26/2016 14:06	11.78	42.64	27.36	8.89	8.01	13.3	2.412	97.5	3.0	0.7
310	11/26/2016 14:21	11.85	42.94	27.57	8.85	8.01	13.7	2.314	97.3	2.5	0.6
311	11/26/2016 14:36	11.67	42.22	27.06	8.92	8.00	16.5	2.201	97.4	2.8	0.7
312	11/26/2016 14:51	11.63	42.14	27.00	8.90	8.00	19.4	2.112	97.0	3.0	0.7
313	11/26/2016 15:06	11.61	42.16	27.01	8.91	8.00	22.2	2.013	97.1	3.1	0.7
314	11/26/2016 15:21	11.58	42.07	26.95	8.93	8.00	22.8	1.926	97.3	3.5	0.8
315	11/26/2016 15:36	11.47	41.68	26.67	8.92	8.00	24.5	1.854	96.8	3.8	0.9
316	11/26/2016 15:51	11.46	41.66	26.66	8.91	7.99	25.8	1.802	96.7	2.9	0.7
317	11/26/2016 16:06	11.47	41.81	26.76	8.86	7.99	28.3	1.743	96.1	3.8	0.9
318	11/26/2016 16:21	11.48	41.84	26.78	8.88	8.00	26.0	1.703	96.5	4.1	1.0
319	11/26/2016 16:36	11.49	41.87	26.81	8.75	7.98	19.8	1.705	95.1	3.3	0.8
320	11/26/2016 16:51	11.46	41.74	26.71	8.91	7.95	24.7	1.712	96.7	3.3	0.8
321	11/26/2016 17:06	11.51	41.85	26.79	8.86	7.99	20.8	1.760	96.2	3.1	0.7
322	11/26/2016 17:21	11.49	41.79	26.75	8.88	8.00	22.9	1.806	96.4	3.3	0.8
323	11/26/2016 17:36	11.49	41.38	26.46	8.89	7.99	19.8	1.853	96.3	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
324	11/26/2016 17:51	11.41	39.87	25.39	8.92	7.97	18.4	1.962	95.9	3.6	0.8
325	11/26/2016 18:06	11.48	40.62	25.92	8.95	7.98	19.0	2.038	96.6	3.2	0.8
326	11/26/2016 18:21	11.53	41.31	26.41	8.92	7.98	17.2	2.128	96.7	3.4	0.8
327	11/26/2016 18:36	11.56	41.56	26.59	8.88	7.99	17.7	2.227	96.5	3.6	0.8
328	11/26/2016 18:51	11.59	41.68	26.67	8.86	7.99	17.5	2.310	96.4	3.0	0.7
329	11/26/2016 19:06	11.62	41.77	26.74	8.89	7.99	17.3	2.405	96.8	2.7	0.6
330	11/26/2016 19:21	11.65	41.91	26.84	8.86	8.00	17.2	2.469	96.5	2.9	0.7
331	11/26/2016 19:36	11.67	42.11	26.98	8.85	8.00	17.8	2.568	96.6	3.0	0.7
332	11/26/2016 19:51	11.70	42.25	27.08	8.87	8.00	18.3	2.626	96.9	3.2	0.8
333	11/26/2016 20:06	11.71	42.29	27.11	8.86	8.00	17.5	2.719	96.8	3.5	0.8
334	11/26/2016 20:21	11.77	42.36	27.16	8.86	8.01	20.3	2.793	97.1	3.4	0.8
335	11/26/2016 20:36	11.87	42.63	27.36	8.82	8.01	24.1	2.870	96.9	3.5	0.8
336	11/26/2016 20:51	11.92	42.81	27.49	8.81	8.01	23.8	2.968	97.0	3.2	0.8
337	11/26/2016 21:06	11.95	42.92	27.56	8.85	8.02	25.0	3.039	97.5	3.2	0.8
338	11/26/2016 21:21	12.00	43.18	27.75	8.84	8.02	22.9	3.091	97.7	2.7	0.6
339	11/26/2016 21:36	12.06	43.46	27.95	8.81	8.03	18.9	3.161	97.5	2.8	0.7
340	11/26/2016 21:51	12.12	43.72	28.14	8.78	8.02	14.5	3.236	97.5	2.7	0.6
341	11/26/2016 22:06	12.15	43.83	28.22	8.76	8.03	13.0	3.250	97.4	2.9	0.7
342	11/26/2016 22:21	12.18	43.92	28.29	8.75	8.04	11.2	3.297	97.4	2.8	0.7
343	11/26/2016 22:36	12.23	44.08	28.40	8.76	8.04	11.1	3.351	97.7	2.1	0.5
344	11/26/2016 22:51	12.22	44.15	28.45	8.69	8.04	8.3	3.334	96.9	2.4	0.6
345	11/26/2016 23:06	12.23	44.11	28.42	8.74	8.04	11.4	3.341	97.4	1.9	0.5
346	11/26/2016 23:21	12.19	44.00	28.34	8.74	8.04	12.1	3.307	97.3	2.4	0.6
347	11/26/2016 23:36	12.04	43.70	28.12	8.76	8.03	18.6	3.301	97.0	2.7	0.6
348	11/26/2016 23:51	11.91	43.78	28.17	8.76	8.03	24.9	3.216	96.9	3.0	0.7
349	11/27/2016 0:06	11.95	43.89	28.25	8.78	8.03	21.7	3.152	97.2	2.7	0.6
350	11/27/2016 0:21	11.95	43.84	28.22	8.75	8.04	19.0	3.085	96.8	2.7	0.6
351	11/27/2016 0:36	11.90	43.68	28.10	8.74	8.03	17.5	3.018	96.5	2.9	0.7
352	11/27/2016 0:51	11.85	43.56	28.01	8.76	8.03	17.2	2.939	96.7	2.7	0.6
353	11/27/2016 1:06	11.74	43.19	27.75	8.77	8.03	19.3	2.885	96.4	3.0	0.7
354	11/27/2016 1:21	11.62	43.06	27.65	8.82	8.03	21.7	2.803	96.6	2.6	0.6
355	11/27/2016 1:36	11.52	42.88	27.52	8.80	8.02	24.8	2.741	96.1	2.9	0.7
356	11/27/2016 1:51	11.47	42.67	27.37	8.84	8.01	23.5	2.681	96.3	2.8	0.7
357	11/27/2016 2:06	11.42	42.55	27.28	8.84	8.01	23.8	2.612	96.2	3.2	0.8
358	11/27/2016 2:21	11.36	42.30	27.10	8.86	8.00	21.9	2.565	96.1	3.5	0.8
359	11/27/2016 2:36	11.31	41.95	26.86	8.87	8.00	23.5	2.504	96.0	3.2	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	Fluorescence %FS
360	11/27/2016 2:51	11.20	41.65	26.64	8.90	8.00	24.9	2.455	95.9	3.4	0.8
361	11/27/2016 3:06	11.12	41.52	26.54	8.86	7.99	26.7	2.423	95.4	3.5	0.8
362	11/27/2016 3:21	11.09	41.43	26.48	8.85	7.99	26.9	2.379	95.2	3.3	0.8
363	11/27/2016 3:36	11.11	41.50	26.53	8.87	7.99	24.7	2.348	95.3	3.1	0.7
364	11/27/2016 3:51	11.09	41.53	26.55	8.85	8.00	24.4	2.341	95.1	3.5	0.8
365	11/27/2016 4:06	11.10	41.45	26.49	8.83	8.00	22.1	2.296	94.9	3.3	0.8
366	11/27/2016 4:21	11.09	41.40	26.46	8.80	8.00	22.4	2.326	94.5	3.2	0.8
367	11/27/2016 4:36	11.04	41.34	26.41	8.88	7.99	21.9	2.327	95.3	3.4	0.8
368	11/27/2016 4:51	11.14	41.43	26.48	8.86	8.00	23.6	2.359	95.3	3.2	0.8
369	11/27/2016 5:06	11.17	41.50	26.53	8.86	7.99	23.6	2.419	95.4	3.2	0.8
370	11/27/2016 5:21	11.18	41.43	26.48	8.85	7.99	22.5	2.456	95.3	2.7	0.6
371	11/27/2016 5:36	11.22	41.28	26.38	8.83	8.00	20.0	2.520	95.1	3.0	0.7
372	11/27/2016 5:51	11.26	41.58	26.59	8.84	8.00	22.5	2.581	95.5	3.0	0.7
373	11/27/2016 6:06	11.30	41.61	26.61	8.83	8.00	20.1	2.683	95.4	2.9	0.7
374	11/27/2016 6:21	11.44	41.90	26.82	8.80	8.00	20.8	2.732	95.5	3.0	0.7
375	11/27/2016 6:36	11.55	42.30	27.11	8.77	8.00	23.0	2.802	95.6	2.5	0.6
376	11/27/2016 6:51	11.73	42.90	27.54	8.81	8.02	27.4	2.892	96.6	3.5	0.8
377	11/27/2016 7:06	11.80	42.98	27.60	8.81	8.02	19.2	2.978	96.8	3.1	0.7
378	11/27/2016 7:21	11.81	42.92	27.56	8.85	8.02	18.6	3.063	97.2	2.8	0.7
379	11/27/2016 7:36	12.06	43.90	28.27	8.83	8.03	20.6	3.152	98.0	2.8	0.7
380	11/27/2016 7:51	12.17	44.23	28.50	8.79	8.03	21.9	3.239	97.9	2.7	0.6
381	11/27/2016 8:06	12.27	44.51	28.71	8.79	8.05	20.8	3.328	98.2	3.0	0.7
382	11/27/2016 8:21	12.36	44.74	28.88	8.79	8.05	23.2	3.428	98.6	2.7	0.6
383	11/27/2016 8:36	12.38	44.81	28.93	8.79	8.05	19.7	3.506	98.6	2.2	0.5
384	11/27/2016 8:51	12.38	44.82	28.94	8.80	8.06	17.5	3.584	98.7	2.4	0.6
385	11/27/2016 9:06	12.51	45.23	29.23	8.83	8.06	16.2	3.649	99.5	2.1	0.5
386	11/27/2016 9:21	12.57	45.38	29.34	8.83	8.07	12.5	3.711	99.7	1.8	0.4
387	11/27/2016 9:36	12.64	45.61	29.51	8.80	8.07	11.4	3.756	99.7	1.9	0.4
388	11/27/2016 9:51	12.69	45.80	29.65	8.83	8.08	10.6	3.791	100.1	2.4	0.6
389	11/27/2016 10:06	12.75	45.99	29.79	8.84	8.08	9.2	3.813	100.4	1.9	0.5
390	11/27/2016 10:21	12.78	46.10	29.87	8.75	8.08	6.2	3.825	99.6	1.9	0.4
391	11/27/2016 10:36	12.75	46.02	29.81	8.82	8.08	8.9	3.799	100.2	1.6	0.4
392	11/27/2016 10:51	12.77	46.04	29.82	8.80	8.08	10.9	3.768	100.1	2.1	0.5
393	11/27/2016 11:06	12.60	45.34	29.32	8.77	8.06	10.1	3.731	99.1	2.0	0.5
394	11/27/2016 11:21	12.41	44.50	28.71	8.79	8.05	13.0	3.660	98.6	2.6	0.6
395	11/27/2016 11:36	12.30	43.53	28.01	8.84	8.04	15.6	3.562	98.4	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
396	11/27/2016 11:51	12.21	43.27	27.82	8.80	8.03	21.3	3.476	97.7	2.5	0.6
397	11/27/2016 12:06	12.17	43.26	27.82	8.79	8.03	17.7	3.375	97.4	2.4	0.6
398	11/27/2016 12:21	11.99	42.59	27.33	8.83	8.02	17.5	3.270	97.3	3.1	0.7
399	11/27/2016 12:36	11.91	42.48	27.25	8.79	8.01	25.2	3.162	96.6	3.0	0.7
400	11/27/2016 12:51	11.91	41.77	26.75	8.84	8.00	14.1	3.061	96.8	2.7	0.6
401	11/27/2016 13:06	11.81	41.49	26.54	8.85	8.00	18.3	2.943	96.6	2.9	0.7
402	11/27/2016 13:21	11.76	41.07	26.25	8.83	7.99	17.8	2.834	96.2	3.3	0.8
403	11/27/2016 13:36	11.73	41.08	26.26	8.83	7.99	15.4	2.700	96.1	2.8	0.7
404	11/27/2016 13:51	11.93	41.60	26.63	8.87	8.00	13.4	2.588	97.2	3.0	0.7
405	11/27/2016 14:06	12.03	41.96	26.89	8.85	8.00	12.7	2.476	97.3	2.6	0.6
406	11/27/2016 14:21	11.71	41.49	26.54	8.90	7.99	15.3	2.357	96.9	3.5	0.8
407	11/27/2016 14:36	11.79	41.71	26.70	8.88	8.00	17.5	2.215	97.1	2.7	0.7
408	11/27/2016 14:51	11.52	41.21	26.34	8.87	7.98	21.2	2.121	96.1	3.3	0.8
409	11/27/2016 15:06	11.55	41.24	26.36	8.87	7.99	17.7	2.019	96.2	3.1	0.7
410	11/27/2016 15:21	11.46	41.06	26.23	8.85	7.98	19.2	1.899	95.7	3.0	0.7
411	11/27/2016 15:36	11.38	40.92	26.13	8.88	7.98	19.7	1.749	95.8	3.0	0.7
412	11/27/2016 15:51	11.31	40.78	26.03	8.87	7.97	28.0	1.678	95.5	3.8	0.9
413	11/27/2016 16:06	11.22	40.60	25.89	8.89	7.97	22.0	1.633	95.4	2.9	0.7
414	11/27/2016 16:21	11.18	40.50	25.82	8.86	7.97	22.8	1.532	95.0	3.5	0.8
415	11/27/2016 16:36	11.15	40.41	25.76	8.90	7.97	20.9	1.437	95.3	3.0	0.7
416	11/27/2016 16:51	11.13	40.37	25.73	8.87	7.97	19.5	1.504	95.0	3.7	0.9
417	11/27/2016 17:06	11.17	40.46	25.80	8.91	7.97	19.8	1.481	95.5	3.6	0.8
418	11/27/2016 17:21	11.16	40.48	25.81	8.87	7.97	18.1	1.462	95.0	3.5	0.8
419	11/27/2016 17:36	11.18	40.52	25.84	8.86	7.97	18.2	1.562	95.0	3.9	0.9
420	11/27/2016 17:51	11.17	40.47	25.80	8.86	7.97	17.5	1.635	94.9	2.8	0.7
421	11/27/2016 18:06	11.21	40.24	25.65	8.88	7.96	17.8	1.707	95.1	3.4	0.8
422	11/27/2016 18:21	11.25	39.71	25.27	8.88	7.97	19.1	1.797	95.1	3.0	0.7
423	11/27/2016 18:36	11.29	39.72	25.28	8.85	7.96	19.0	1.869	94.7	3.5	0.8
424	11/27/2016 18:51	11.31	39.93	25.43	8.83	7.97	18.8	1.945	94.7	3.1	0.7
425	11/27/2016 19:06	11.33	40.14	25.58	8.82	7.97	20.0	2.065	94.7	3.2	0.8
426	11/27/2016 19:21	11.44	40.09	25.54	8.82	7.97	18.7	2.148	95.0	3.8	0.9
427	11/27/2016 19:36	11.51	40.29	25.69	8.86	7.98	16.4	2.215	95.6	3.8	0.9
428	11/27/2016 19:51	11.54	40.51	25.85	8.85	7.98	15.8	2.300	95.7	3.2	0.8
429	11/27/2016 20:06	11.56	40.85	26.09	8.86	7.99	18.0	2.362	95.9	3.2	0.8
430	11/27/2016 20:21	11.56	41.22	26.35	8.82	7.99	17.7	2.456	95.7	3.2	0.8
431	11/27/2016 20:36	11.62	41.43	26.49	8.81	7.99	20.8	2.567	95.8	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
432	11/27/2016 20:51	11.66	41.49	26.54	8.81	8.00	19.1	2.632	95.9	2.9	0.7
433	11/27/2016 21:06	11.70	41.56	26.59	8.81	8.00	22.6	2.716	96.0	3.1	0.7
434	11/27/2016 21:21	11.75	41.72	26.71	8.84	8.00	24.7	2.786	96.5	3.1	0.7
435	11/27/2016 21:36	11.83	41.78	26.76	8.85	8.00	29.9	2.890	96.8	3.6	0.9
436	11/27/2016 21:51	11.88	41.90	26.84	8.85	8.01	36.4	2.956	97.0	3.2	0.8
437	11/27/2016 22:06	11.98	42.33	27.15	8.85	8.01	29.7	3.045	97.3	3.3	0.8
438	11/27/2016 22:21	12.12	42.87	27.54	8.87	8.03	27.3	3.125	98.1	3.1	0.7
439	11/27/2016 22:36	12.30	43.52	28.00	8.91	8.04	22.2	3.200	99.2	2.6	0.6
440	11/27/2016 22:51	12.36	43.75	28.17	8.90	8.05	22.2	3.245	99.3	2.9	0.7
441	11/27/2016 23:06	12.41	43.98	28.34	8.89	8.05	17.3	3.273	99.4	2.5	0.6
442	11/27/2016 23:21	12.44	44.20	28.50	8.89	8.05	15.1	3.359	99.6	2.2	0.5
443	11/27/2016 23:36	12.50	44.44	28.67	8.90	8.06	10.6	3.341	99.9	2.5	0.6
444	11/27/2016 23:51	12.50	44.48	28.70	8.89	8.05	12.3	3.330	99.9	2.2	0.5
445	11/28/2016 0:06	12.49	44.50	28.71	8.88	8.05	11.9	3.327	99.8	2.3	0.6
446	11/28/2016 0:21	12.44	44.27	28.54	8.89	8.05	11.3	3.307	99.6	2.4	0.6
447	11/28/2016 0:36	12.14	42.91	27.56	8.89	8.03	15.2	3.252	98.4	3.0	0.7
448	11/28/2016 0:51	12.06	42.65	27.37	8.82	8.02	18.4	3.176	97.4	2.7	0.7
449	11/28/2016 1:06	11.95	42.22	27.07	8.82	8.02	20.8	3.125	96.9	3.2	0.8
450	11/28/2016 1:21	11.81	41.70	26.70	8.77	8.00	21.9	3.045	95.9	3.0	0.7
451	11/28/2016 1:36	11.75	41.47	26.53	8.73	7.99	15.6	2.964	95.2	2.9	0.7
452	11/28/2016 1:51	11.64	41.03	26.21	8.77	7.99	15.8	2.895	95.2	2.9	0.7
453	11/28/2016 2:06	11.63	41.14	26.29	8.70	7.99	12.2	2.826	94.5	2.9	0.7
454	11/28/2016 2:21	11.61	41.07	26.24	8.68	7.98	12.4	2.751	94.2	2.7	0.6
455	11/28/2016 2:36	11.55	41.01	26.20	8.62	7.97	12.9	2.700	93.4	2.9	0.7
456	11/28/2016 2:51	11.49	40.72	25.99	8.70	7.97	11.4	2.642	94.0	2.5	0.6
457	11/28/2016 3:06	11.48	40.71	25.98	8.67	7.97	11.3	2.546	93.6	2.7	0.6
458	11/28/2016 3:21	11.48	40.77	26.03	8.63	7.97	11.7	2.518	93.3	2.4	0.6
459	11/28/2016 3:36	11.47	40.57	25.88	8.74	7.97	11.5	2.497	94.4	3.1	0.7
460	11/28/2016 3:51	11.45	40.44	25.79	8.75	7.96	12.2	2.435	94.3	2.5	0.6
461	11/28/2016 4:06	11.45	40.43	25.79	8.73	7.97	12.7	2.390	94.1	3.2	0.8
462	11/28/2016 4:21	11.44	40.48	25.82	8.66	7.96	13.3	2.407	93.4	3.0	0.7
463	11/28/2016 4:36	11.44	40.47	25.82	8.67	7.96	12.5	2.379	93.5	3.0	0.7
464	11/28/2016 4:51	11.48	40.62	25.92	8.66	7.97	13.4	2.369	93.6	2.6	0.6
465	11/28/2016 5:06	11.50	40.66	25.95	8.71	7.97	14.0	2.399	94.1	3.3	0.8
466	11/28/2016 5:21	11.44	40.42	25.78	8.73	7.97	12.2	2.425	94.2	3.3	0.8
467	11/28/2016 5:36	11.47	40.54	25.86	8.70	7.97	12.2	2.445	93.9	2.7	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	Fluorescence %FS
468	11/28/2016 5:51	11.52	40.63	25.93	8.71	7.97	12.3	2.509	94.1	3.1	0.7
469	11/28/2016 6:06	11.49	40.38	25.75	8.71	7.97	12.0	2.579	94.0	3.0	0.7
470	11/28/2016 6:21	11.52	40.53	25.86	8.70	7.97	14.3	2.627	94.0	2.8	0.7
471	11/28/2016 6:36	11.57	40.64	25.94	8.73	7.98	14.6	2.717	94.4	2.8	0.7
472	11/28/2016 6:51	11.59	40.51	25.85	8.73	7.98	13.7	2.794	94.4	2.9	0.7
473	11/28/2016 7:06	11.66	40.62	25.93	8.73	7.98	12.3	2.873	94.7	2.9	0.7
474	11/28/2016 7:21	11.82	41.25	26.38	8.75	8.00	15.3	2.952	95.5	3.2	0.8
475	11/28/2016 7:36	11.85	41.41	26.49	8.81	8.01	14.4	3.031	96.3	3.3	0.8
476	11/28/2016 7:51	11.90	41.69	26.69	8.88	8.01	15.0	3.125	97.2	3.2	0.8
477	11/28/2016 8:06	11.93	41.90	26.84	8.86	8.02	11.9	3.190	97.1	2.5	0.6
478	11/28/2016 8:21	12.07	42.50	27.27	8.88	8.02	12.5	3.293	97.9	2.9	0.7
479	11/28/2016 8:36	12.32	43.51	28.00	8.89	8.04	14.8	3.381	99.0	2.4	0.6
480	11/28/2016 8:51	12.42	43.99	28.35	8.85	8.05	19.1	3.455	99.0	2.5	0.6
481	11/28/2016 9:06	12.45	44.03	28.37	8.89	8.05	19.4	3.541	99.5	2.3	0.5
482	11/28/2016 9:21	12.56	44.16	28.47	8.88	8.06	15.4	3.631	99.7	2.1	0.5
483	11/28/2016 9:36	12.62	44.33	28.59	8.88	8.06	15.8	3.682	100.0	2.3	0.5
484	11/28/2016 9:51	12.67	44.46	28.69	8.92	8.07	14.1	3.745	100.5	2.1	0.5
485	11/28/2016 10:06	12.69	44.53	28.74	8.94	8.06	11.5	3.807	100.8	2.0	0.5
486	11/28/2016 10:21	12.72	44.61	28.79	8.95	8.07	10.1	3.822	101.0	2.2	0.5
487	11/28/2016 10:36	12.74	44.67	28.84	8.89	8.07	8.7	3.840	100.4	1.9	0.4
488	11/28/2016 10:51	12.72	44.60	28.79	8.88	8.07	11.3	3.850	100.3	2.3	0.5
489	11/28/2016 11:06	12.69	44.47	28.70	8.86	8.06	9.4	3.829	99.9	2.4	0.6
490	11/28/2016 11:21	12.69	44.39	28.64	8.90	8.07	10.4	3.764	100.3	2.1	0.5
491	11/28/2016 11:36	12.57	43.94	28.31	8.91	8.06	10.7	3.715	100.0	2.2	0.5
492	11/28/2016 11:51	12.42	43.09	27.70	8.88	8.04	11.2	3.647	98.9	2.3	0.5
493	11/28/2016 12:06	12.27	42.74	27.45	8.85	8.02	12.6	3.563	98.2	2.7	0.6
494	11/28/2016 12:21	12.17	42.36	27.18	8.87	8.02	16.6	3.438	98.0	2.7	0.7
495	11/28/2016 12:36	12.11	42.17	27.04	8.87	8.01	19.1	3.347	97.8	2.8	0.7
496	11/28/2016 12:51	12.16	42.30	27.14	8.86	8.01	15.3	3.267	97.8	2.7	0.6
497	11/28/2016 13:06	12.11	41.81	26.79	8.91	8.00	17.1	3.140	98.0	2.8	0.7
498	11/28/2016 13:21	12.14	41.85	26.81	8.87	8.00	14.0	3.035	97.7	2.8	0.7
499	11/28/2016 13:36	12.08	41.67	26.68	8.90	7.99	13.9	2.920	97.8	2.3	0.5
500	11/28/2016 13:51	12.10	41.88	26.84	8.87	7.99	13.5	2.806	97.6	2.7	0.6
501	11/28/2016 14:06	12.06	41.76	26.74	8.86	7.99	13.3	2.674	97.4	2.7	0.6
502	11/28/2016 14:21	11.88	41.03	26.23	8.92	7.98	15.4	2.572	97.4	2.5	0.6
503	11/28/2016 14:36	11.87	41.07	26.25	8.94	7.99	14.7	2.453	97.6	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
504	11/28/2016 14:51	11.88	41.07	26.25	8.97	7.99	16.6	2.324	98.0	3.2	0.8
505	11/28/2016 15:06	11.67	40.40	25.77	8.95	7.97	21.2	2.207	97.0	3.0	0.7
506	11/28/2016 15:21	11.69	40.29	25.70	8.98	7.96	23.0	2.082	97.3	3.4	0.8
507	11/28/2016 15:36	11.73	40.26	25.67	8.97	7.97	25.2	1.936	97.2	3.2	0.8
508	11/28/2016 15:51	11.67	39.94	25.45	8.97	7.97	26.6	1.810	97.0	3.5	0.8
509	11/28/2016 16:06	11.57	39.50	25.14	9.01	7.96	30.8	1.723	97.0	3.3	0.8
510	11/28/2016 16:21	11.53	39.28	24.98	9.01	7.95	36.0	1.595	96.9	3.9	0.9
511	11/28/2016 16:36	11.47	39.08	24.84	8.96	7.95	36.1	1.489	96.1	3.9	0.9
512	11/28/2016 16:51	11.42	38.80	24.64	8.94	7.94	34.4	1.433	95.7	4.3	1.0
513	11/28/2016 17:06	11.39	38.57	24.48	8.96	7.93	30.8	1.390	95.7	4.0	0.9
514	11/28/2016 17:21	11.38	38.47	24.41	8.93	7.93	29.6	1.328	95.3	3.9	0.9
515	11/28/2016 17:36	11.38	38.37	24.34	8.92	7.93	25.6	1.326	95.1	3.9	0.9
516	11/28/2016 17:51	11.36	38.42	24.37	8.95	7.94	27.3	1.373	95.4	3.9	0.9
517	11/28/2016 18:06	11.39	38.69	24.56	8.92	7.94	24.3	1.396	95.3	4.6	1.1
518	11/28/2016 18:21	11.39	38.70	24.57	8.95	7.93	24.4	1.447	95.6	3.5	0.8
519	11/28/2016 18:36	11.38	38.38	24.35	8.98	7.94	25.0	1.546	95.8	3.8	0.9
520	11/28/2016 18:51	11.39	38.08	24.14	8.97	7.93	26.1	1.627	95.6	4.1	1.0
521	11/28/2016 19:06	11.42	38.43	24.39	8.93	7.93	22.9	1.713	95.4	3.4	0.8
522	11/28/2016 19:21	11.45	38.23	24.25	8.96	7.93	23.4	1.839	95.7	3.6	0.9
523	11/28/2016 19:36	11.46	38.74	24.60	8.94	7.94	23.3	1.922	95.7	3.9	0.9
524	11/28/2016 19:51	11.56	39.03	24.80	8.90	7.95	28.9	1.997	95.6	3.5	0.8
525	11/28/2016 20:06	11.66	39.40	25.07	8.90	7.95	22.2	2.094	96.0	3.5	0.8
526	11/28/2016 20:21	11.75	40.00	25.50	8.90	7.96	18.4	2.188	96.4	3.2	0.8
527	11/28/2016 20:36	11.77	40.12	25.58	8.87	7.97	20.9	2.288	96.2	4.2	1.0
528	11/28/2016 20:51	11.79	40.30	25.71	8.86	7.97	20.2	2.363	96.2	3.6	0.8
529	11/28/2016 21:06	11.81	40.42	25.79	8.85	7.98	23.1	2.470	96.2	3.4	0.8
530	11/28/2016 21:21	11.83	40.58	25.91	8.85	7.98	21.9	2.551	96.3	3.3	0.8
531	11/28/2016 21:36	11.83	40.56	25.89	8.89	7.98	22.5	2.644	96.7	2.9	0.7
532	11/28/2016 21:51	11.83	40.58	25.91	8.87	7.99	28.6	2.741	96.5	3.3	0.8
533	11/28/2016 22:06	11.89	40.72	26.00	8.87	7.98	28.1	2.829	96.7	3.7	0.9
534	11/28/2016 22:21	11.93	40.80	26.07	8.88	7.99	26.3	2.913	96.9	3.6	0.9
535	11/28/2016 22:36	11.98	41.02	26.22	8.92	8.00	28.1	2.992	97.5	3.0	0.7
536	11/28/2016 22:51	12.06	41.35	26.46	8.93	8.01	23.6	3.067	98.0	3.1	0.7
537	11/28/2016 23:06	12.16	41.81	26.78	9.00	8.03	24.4	3.111	99.2	3.3	0.8
538	11/28/2016 23:21	12.28	42.45	27.24	9.13	8.04	21.8	3.203	101.2	3.2	0.8
539	11/28/2016 23:36	12.35	42.89	27.56	9.17	8.05	17.5	3.255	102.0	2.9	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	Fluorescence %FS
540	11/28/2016 23:51	12.42	43.25	27.82	9.19	8.05	14.5	3.272	102.5	2.5	0.6
541	11/29/2016 0:06	12.46	43.46	27.97	9.15	8.06	11.7	3.286	102.2	2.3	0.5
542	11/29/2016 0:21	12.40	43.16	27.75	9.06	8.05	9.0	3.311	100.9	2.8	0.7
543	11/29/2016 0:36	12.41	43.25	27.82	9.12	8.05	11.1	3.320	101.6	2.9	0.7
544	11/29/2016 0:51	12.39	43.11	27.71	9.17	8.05	16.2	3.278	102.1	2.8	0.7
545	11/29/2016 1:06	12.00	41.87	26.82	9.09	8.04	12.6	3.229	99.8	2.2	0.5
546	11/29/2016 1:21	11.73	40.86	26.10	9.02	8.02	14.7	3.161	98.0	2.8	0.7
547	11/29/2016 1:36	11.60	40.80	26.05	8.97	8.01	15.8	3.115	97.2	2.8	0.7
548	11/29/2016 1:51	11.59	40.65	25.95	8.91	8.01	13.4	3.066	96.5	2.8	0.7
549	11/29/2016 2:06	11.55	40.52	25.85	8.89	8.00	12.6	2.987	96.1	2.9	0.7
550	11/29/2016 2:21	11.50	40.33	25.72	8.82	7.99	12.6	2.914	95.2	3.4	0.8
551	11/29/2016 2:36	11.41	40.11	25.56	8.76	7.98	11.8	2.857	94.3	2.8	0.7
552	11/29/2016 2:51	11.34	39.65	25.24	8.82	7.98	12.5	2.811	94.6	3.4	0.8
553	11/29/2016 3:06	11.35	39.90	25.41	8.82	7.99	10.7	2.748	94.7	2.7	0.6
554	11/29/2016 3:21	11.25	39.60	25.20	8.83	7.98	11.2	2.642	94.5	2.8	0.7
555	11/29/2016 3:36	11.19	39.44	25.08	8.82	7.98	11.4	2.613	94.1	3.1	0.7
556	11/29/2016 3:51	11.17	39.32	25.00	8.80	7.98	11.3	2.563	93.9	3.2	0.8
557	11/29/2016 4:06	11.09	39.45	25.09	8.80	7.99	10.9	2.502	93.7	2.2	0.5
558	11/29/2016 4:21	11.04	39.54	25.15	8.78	7.99	11.0	2.449	93.5	3.3	0.8
559	11/29/2016 4:36	11.00	39.38	25.03	8.76	7.98	10.4	2.417	93.1	3.2	0.8
560	11/29/2016 4:51	11.00	39.36	25.02	8.74	7.93	11.2	2.407	92.8	3.4	0.8
561	11/29/2016 5:06	10.95	39.29	24.97	8.70	7.98	11.7	2.358	92.3	2.9	0.7
562	11/29/2016 5:21	11.03	38.84	24.66	8.78	7.97	10.4	2.354	93.1	3.2	0.8
563	11/29/2016 5:36	11.02	38.94	24.73	8.76	7.97	10.4	2.340	92.9	3.2	0.8
564	11/29/2016 5:51	11.04	38.87	24.68	8.82	7.95	10.3	2.448	93.6	3.4	0.8
565	11/29/2016 6:06	11.21	39.30	24.98	8.80	7.97	12.5	2.414	94.0	3.5	0.8
566	11/29/2016 6:21	11.33	39.49	25.12	8.79	7.98	12.7	2.442	94.2	3.2	0.8
567	11/29/2016 6:36	10.99	38.77	24.60	8.82	7.97	12.2	2.542	93.5	3.5	0.8
568	11/29/2016 6:51	11.37	39.46	25.10	8.80	7.99	16.9	2.620	94.3	3.9	0.9
569	11/29/2016 7:06	11.32	39.22	24.94	8.83	7.98	15.1	2.708	94.5	3.1	0.7
570	11/29/2016 7:21	11.55	40.05	25.52	8.89	8.00	12.7	2.774	95.9	3.4	0.8
571	11/29/2016 7:36	11.49	39.85	25.38	8.88	8.00	12.4	2.833	95.6	2.5	0.6
572	11/29/2016 7:51	11.65	40.62	25.92	8.96	8.02	14.1	2.915	97.1	2.8	0.7
573	11/29/2016 8:06	11.66	41.07	26.24	9.01	8.03	15.8	3.044	97.9	2.8	0.7
574	11/29/2016 8:21	11.82	41.81	26.77	9.04	8.04	14.1	3.090	98.9	2.6	0.6
575	11/29/2016 8:36	12.18	42.88	27.54	9.08	8.05	17.7	3.185	100.6	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
576	11/29/2016 8:51	12.31	43.43	27.94	9.11	8.06	23.7	3.258	101.4	2.5	0.6
577	11/29/2016 9:06	12.41	43.80	28.21	9.11	8.07	27.3	3.351	101.8	2.4	0.6
578	11/29/2016 9:21	12.45	44.00	28.35	9.15	8.06	24.2	3.485	102.4	2.7	0.7
579	11/29/2016 9:36	12.44	44.05	28.39	9.15	8.06	22.8	3.524	102.4	2.6	0.6
580	11/29/2016 9:51	12.43	44.26	28.54	9.15	8.06	20.7	3.636	102.5	2.4	0.6
581	11/29/2016 10:06	12.47	44.56	28.75	9.16	8.07	17.5	3.682	102.9	2.6	0.6
582	11/29/2016 10:21	12.48	44.81	28.94	9.15	8.08	16.1	3.703	102.9	2.4	0.6
583	11/29/2016 10:36	12.50	45.01	29.08	9.15	8.08	14.1	3.792	103.0	2.1	0.5
584	11/29/2016 10:51	12.52	45.25	29.25	9.11	8.09	11.0	3.788	102.7	1.8	0.4
585	11/29/2016 11:06	12.53	45.30	29.28	9.09	8.08	8.1	3.772	102.5	2.2	0.5
586	11/29/2016 11:21	12.51	45.11	29.15	9.10	8.08	12.1	3.783	102.6	1.8	0.4
587	11/29/2016 11:36	12.52	45.25	29.25	9.12	8.07	11.5	3.772	102.8	2.3	0.6
588	11/29/2016 11:51	12.48	44.87	28.97	9.11	8.07	11.8	3.714	102.4	2.6	0.6
589	11/29/2016 12:06	12.39	43.57	28.05	9.10	8.07	13.0	3.672	101.5	2.3	0.5
590	11/29/2016 12:21	12.31	42.95	27.60	9.08	8.06	10.4	3.603	100.9	2.5	0.6
591	11/29/2016 12:36	12.21	42.02	26.94	9.02	8.04	11.4	3.544	99.6	2.4	0.6
592	11/29/2016 12:51	12.17	41.93	26.87	9.06	8.05	15.8	3.435	99.9	2.8	0.7
593	11/29/2016 13:06	12.22	42.30	27.14	9.07	8.05	14.8	3.346	100.3	2.5	0.6
594	11/29/2016 13:21	12.19	41.70	26.71	9.03	8.03	11.0	3.251	99.6	2.4	0.6
595	11/29/2016 13:36	12.22	41.58	26.63	9.01	8.02	12.9	3.165	99.3	2.6	0.6
596	11/29/2016 13:51	12.26	41.57	26.62	9.04	8.02	9.0	3.050	99.7	2.3	0.5
597	11/29/2016 14:06	12.36	41.85	26.82	9.03	8.03	9.5	2.959	100.0	2.2	0.5
598	11/29/2016 14:21	12.30	41.43	26.52	9.05	8.02	9.2	2.848	99.8	2.4	0.6
599	11/29/2016 14:36	12.23	41.07	26.27	9.04	8.01	11.2	2.722	99.4	2.7	0.6
600	11/29/2016 14:51	12.17	40.85	26.11	9.06	8.01	12.5	2.599	99.4	2.9	0.7
601	11/29/2016 15:06	12.02	40.45	25.82	9.01	8.00	13.1	2.484	98.4	2.8	0.7
602	11/29/2016 15:21	11.97	40.25	25.68	9.05	8.00	11.9	2.362	98.6	2.9	0.7
603	11/29/2016 15:36	11.76	39.89	25.42	9.01	7.99	14.3	2.232	97.6	3.4	0.8
604	11/29/2016 15:51	11.76	39.85	25.39	9.05	8.00	14.3	2.085	98.0	2.4	0.6
605	11/29/2016 16:06	11.61	39.54	25.17	9.05	7.99	14.0	1.984	97.6	3.0	0.7
606	11/29/2016 16:21	11.57	39.45	25.10	9.03	7.98	14.7	1.871	97.2	3.5	0.8
607	11/29/2016 16:36	11.58	39.45	25.10	8.99	7.98	14.5	1.717	96.8	2.9	0.7
608	11/29/2016 16:51	11.48	39.29	24.98	9.01	7.98	21.9	1.634	96.7	3.7	0.9
609	11/29/2016 17:06	11.39	39.12	24.86	9.01	7.98	15.9	1.534	96.4	3.2	0.8
610	11/29/2016 17:21	11.30	38.87	24.68	8.99	7.98	16.3	1.443	95.9	3.4	0.8
611	11/29/2016 17:36	11.23	38.74	24.59	9.02	7.97	18.6	1.350	96.0	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
612	11/29/2016 17:51	11.20	38.66	24.53	8.99	7.97	18.1	1.335	95.7	3.6	0.8
613	11/29/2016 18:06	11.18	38.65	24.53	8.96	7.98	17.5	1.345	95.3	3.2	0.8
614	11/29/2016 18:21	11.20	38.72	24.57	8.93	7.97	17.4	1.271	95.1	4.1	1.0
615	11/29/2016 18:36	11.25	38.83	24.65	8.95	7.98	15.2	1.337	95.4	3.0	0.7
616	11/29/2016 18:51	11.30	38.91	24.72	8.95	7.97	12.6	1.443	95.6	3.1	0.7
617	11/29/2016 19:06	11.28	38.59	24.49	8.96	7.97	12.4	1.512	95.5	3.2	0.8
618	11/29/2016 19:21	11.28	38.02	24.09	8.95	7.96	12.5	1.573	95.1	3.4	0.8
619	11/29/2016 19:36	11.29	37.81	23.95	8.98	7.96	12.8	1.680	95.4	2.9	0.7
620	11/29/2016 19:51	11.33	37.94	24.04	8.95	7.96	13.0	1.771	95.2	3.1	0.7
621	11/29/2016 20:06	11.39	38.48	24.42	8.96	7.96	12.6	1.862	95.7	3.8	0.9
622	11/29/2016 20:21	11.44	38.62	24.52	8.93	7.97	13.0	1.937	95.5	3.4	0.8
623	11/29/2016 20:36	11.52	38.58	24.49	8.97	7.97	11.7	2.042	96.1	3.4	0.8
624	11/29/2016 20:51	11.64	39.36	25.04	8.94	7.98	12.8	2.144	96.3	3.7	0.9
625	11/29/2016 21:06	11.72	39.84	25.38	8.91	7.99	13.0	2.216	96.3	3.5	0.8
626	11/29/2016 21:21	11.76	40.14	25.59	8.90	7.99	13.7	2.307	96.4	3.1	0.7
627	11/29/2016 21:36	11.76	40.24	25.66	8.90	7.99	13.7	2.408	96.5	2.5	0.6
628	11/29/2016 21:51	11.76	40.25	25.67	8.94	7.99	14.5	2.511	97.0	2.8	0.7
629	11/29/2016 22:06	11.77	40.33	25.73	9.00	8.00	14.7	2.601	97.7	3.2	0.8
630	11/29/2016 22:21	11.83	40.51	25.86	8.98	8.01	17.5	2.688	97.6	3.0	0.7
631	11/29/2016 22:36	11.91	40.90	26.13	8.98	8.01	21.3	2.765	98.0	3.0	0.7
632	11/29/2016 22:51	11.96	41.16	26.32	9.02	8.02	21.5	2.844	98.6	3.0	0.7
633	11/29/2016 23:06	11.99	41.37	26.47	8.99	8.02	21.4	2.924	98.5	3.4	0.8
634	11/29/2016 23:21	12.06	41.80	26.78	9.04	8.03	19.8	3.019	99.3	3.3	0.8
635	11/29/2016 23:36	12.16	42.55	27.31	9.12	8.04	23.0	3.059	100.8	2.9	0.7
636	11/29/2016 23:51	12.26	43.35	27.89	9.19	8.05	16.7	3.138	102.2	2.1	0.5
637	11/30/2016 0:06	12.30	43.68	28.12	9.21	8.05	14.8	3.182	102.6	3.2	0.8
638	11/30/2016 0:21	12.34	44.10	28.42	9.22	8.05	13.6	3.247	103.0	2.5	0.6
639	11/30/2016 0:36	12.36	44.40	28.64	9.25	8.05	11.7	3.260	103.5	2.3	0.5
640	11/30/2016 0:51	12.37	44.54	28.74	9.15	8.06	9.2	3.273	102.5	2.8	0.7
641	11/30/2016 1:06	12.37	44.48	28.69	9.21	8.06	11.9	3.273	103.1	2.4	0.6
642	11/30/2016 1:21	12.36	44.39	28.63	9.22	8.06	10.8	3.271	103.2	2.0	0.5
643	11/30/2016 1:36	12.34	44.12	28.44	9.19	8.06	10.7	3.234	102.7	1.9	0.5
644	11/30/2016 1:51	12.17	43.09	27.69	9.13	8.04	12.3	3.182	101.2	2.3	0.6
645	11/30/2016 2:06	11.90	41.79	26.76	9.05	8.03	15.6	3.159	99.1	3.1	0.7
646	11/30/2016 2:21	11.88	41.69	26.69	8.92	8.02	15.0	3.082	97.7	2.6	0.6
647	11/30/2016 2:36	11.80	41.25	26.38	8.90	8.01	11.5	3.015	97.0	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
648	11/30/2016 2:51	11.76	41.01	26.21	8.83	8.00	10.9	2.915	96.1	2.9	0.7
649	11/30/2016 3:06	11.74	40.93	26.15	8.81	7.99	10.5	2.861	95.9	2.9	0.7
650	11/30/2016 3:21	11.72	40.73	26.01	8.79	7.99	10.0	2.797	95.5	3.2	0.8
651	11/30/2016 3:36	11.67	40.37	25.75	8.84	7.99	9.7	2.722	95.7	2.3	0.5
652	11/30/2016 3:51	11.62	40.19	25.63	8.80	7.97	9.0	2.671	95.2	3.1	0.7
653	11/30/2016 4:06	11.58	40.00	25.49	8.85	7.99	8.5	2.609	95.6	2.8	0.7
654	11/30/2016 4:21	11.59	40.10	25.56	8.85	7.99	8.8	2.530	95.6	2.6	0.6
655	11/30/2016 4:36	11.54	39.83	25.37	8.83	7.98	8.6	2.507	95.2	2.9	0.7
656	11/30/2016 4:51	11.48	39.70	25.28	8.79	7.96	7.8	2.437	94.5	3.0	0.7
657	11/30/2016 5:06	11.47	39.72	25.28	8.78	7.96	8.7	2.392	94.5	2.4	0.6
658	11/30/2016 5:21	11.45	39.66	25.25	8.76	7.93	8.4	2.376	94.2	2.8	0.7
659	11/30/2016 5:36	11.46	39.68	25.26	8.68	7.93	7.3	2.345	93.3	2.5	0.6
660	11/30/2016 5:51	11.57	39.88	25.41	8.76	7.94	8.3	2.346	94.5	2.6	0.6
661	11/30/2016 6:06	11.29	39.06	24.82	8.75	7.94	7.9	2.344	93.4	2.5	0.6
662	11/30/2016 6:21	11.24	39.02	24.79	8.73	7.92	8.4	2.365	93.1	3.0	0.7
663	11/30/2016 6:36	11.53	39.76	25.32	8.75	7.93	9.2	2.390	94.2	3.1	0.7
664	11/30/2016 6:51	11.56	39.87	25.40	8.81	7.93	8.3	2.445	95.0	2.7	0.6
665	11/30/2016 7:06	11.44	39.52	25.15	8.79	7.93	9.3	2.505	94.3	2.5	0.6
666	11/30/2016 7:21	11.60	39.99	25.48	8.77	7.93	13.4	2.558	94.7	3.2	0.8
667	11/30/2016 7:36	11.58	39.92	25.44	8.84	7.95	10.1	2.633	95.3	2.7	0.7
668	11/30/2016 7:51	11.71	40.53	25.86	8.85	7.95	9.9	2.717	96.0	2.9	0.7
669	11/30/2016 8:06	11.72	40.74	26.01	8.89	7.95	9.7	2.801	96.6	2.4	0.6
670	11/30/2016 8:21	11.67	40.72	26.00	8.93	7.95	10.1	2.868	96.9	2.3	0.5
671	11/30/2016 8:36	11.76	41.43	26.51	8.93	7.97	9.7	2.963	97.4	2.6	0.6
672	11/30/2016 8:51	11.75	41.46	26.52	8.96	7.97	11.1	3.050	97.6	2.3	0.5
673	11/30/2016 9:06	11.77	41.80	26.77	8.97	7.97	10.3	3.132	98.0	2.1	0.5
674	11/30/2016 9:21	11.94	42.60	27.34	8.95	8.01	8.6	3.227	98.5	2.0	0.5
675	11/30/2016 9:36	12.02	43.15	27.73	8.95	8.03	8.9	3.305	98.9	2.0	0.5
676	11/30/2016 9:51	12.17	44.23	28.51	8.88	8.04	10.6	3.390	99.0	2.2	0.5
677	11/30/2016 10:06	12.30	45.29	29.27	8.84	8.04	12.3	3.467	99.3	2.0	0.5
678	11/30/2016 10:21	12.33	45.72	29.58	8.83	8.04	13.5	3.532	99.3	1.5	0.4
679	11/30/2016 10:36	12.33	45.73	29.59	8.78	8.04	13.4	3.608	98.9	2.4	0.6
680	11/30/2016 10:51	12.33	45.92	29.72	8.76	8.04	14.9	3.674	98.7	2.2	0.5
681	11/30/2016 11:06	12.34	46.14	29.88	8.71	8.04	13.9	3.730	98.2	1.6	0.4
682	11/30/2016 11:21	12.36	46.30	29.99	8.73	8.04	9.7	3.762	98.5	1.9	0.4
683	11/30/2016 11:36	12.36	46.39	30.06	8.68	8.04	8.2	3.773	98.0	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
684	11/30/2016 11:51	12.36	46.43	30.09	8.64	8.04	7.5	3.794	97.6	1.3	0.3
685	11/30/2016 12:06	12.36	46.33	30.02	8.72	8.04	8.7	3.764	98.5	1.3	0.3
686	11/30/2016 12:21	12.35	45.56	29.46	8.77	8.04	10.3	3.714	98.7	1.7	0.4
687	11/30/2016 12:36	12.35	44.54	28.73	8.85	8.03	10.6	3.660	99.1	1.9	0.5
688	11/30/2016 12:51	12.36	44.11	28.43	8.94	8.02	10.3	3.589	99.9	2.1	0.5
689	11/30/2016 13:06	12.35	43.62	28.08	9.01	8.02	9.6	3.513	100.5	2.6	0.6
690	11/30/2016 13:21	12.34	44.19	28.48	8.95	8.02	12.8	3.406	100.1	2.4	0.6
691	11/30/2016 13:36	12.30	44.89	28.98	8.81	8.03	15.0	3.320	98.7	2.5	0.6
692	11/30/2016 13:51	12.27	43.84	28.23	8.91	8.03	12.3	3.240	99.3	2.6	0.6
693	11/30/2016 14:06	12.28	43.23	27.80	8.97	8.02	14.3	3.125	99.7	2.3	0.5
694	11/30/2016 14:21	12.26	43.45	27.95	8.99	8.02	13.3	3.027	100.0	2.4	0.6
695	11/30/2016 14:36	12.25	42.57	27.32	9.06	8.02	16.6	2.915	100.3	2.6	0.6
696	11/30/2016 14:51	12.21	42.18	27.05	9.06	8.02	17.2	2.789	100.0	2.6	0.6
697	11/30/2016 15:06	12.19	42.17	27.04	9.07	8.02	16.7	2.692	100.2	2.9	0.7
698	11/30/2016 15:21	12.10	41.76	26.75	9.09	8.02	23.3	2.535	100.0	3.3	0.8
699	11/30/2016 15:36	11.92	40.71	26.00	9.13	8.00	24.7	2.412	99.6	3.4	0.8
700	11/30/2016 15:51	11.85	40.56	25.89	9.03	7.99	30.9	2.272	98.2	3.6	0.9
701	11/30/2016 16:06	11.77	40.09	25.56	9.02	7.98	41.6	2.151	97.8	3.9	0.9
702	11/30/2016 16:21	11.70	40.05	25.53	9.01	7.98	49.1	2.016	97.5	3.9	0.9
703	11/30/2016 16:36	11.63	39.87	25.40	9.04	7.98	52.0	1.883	97.6	4.2	1.0
704	11/30/2016 16:51	11.57	39.88	25.40	9.06	7.98	59.6	1.750	97.7	4.9	1.2
705	11/30/2016 17:06	11.55	39.39	25.06	9.03	7.97	58.0	1.637	97.1	5.1	1.2
706	11/30/2016 17:21	11.54	39.41	25.07	9.02	7.97	60.8	1.527	97.0	5.3	1.3
707	11/30/2016 17:36	11.54	39.09	24.85	9.05	7.96	53.7	1.436	97.2	4.7	1.1
708	11/30/2016 17:51	11.46	38.75	24.61	9.03	7.95	50.8	1.360	96.7	5.2	1.2
709	11/30/2016 18:06	11.42	38.61	24.51	9.01	7.95	46.9	1.305	96.3	4.7	1.1
710	11/30/2016 18:21	11.38	38.53	24.45	9.00	7.95	44.3	1.274	96.1	4.8	1.1
711	11/30/2016 18:36	11.50	38.82	24.66	8.98	7.95	35.5	1.234	96.2	4.2	1.0
712	11/30/2016 18:51	11.44	38.77	24.62	9.01	7.95	39.0	1.272	96.4	4.6	1.1
713	11/30/2016 19:06	11.46	38.87	24.69	9.04	7.96	35.8	1.315	96.8	4.2	1.0
714	11/30/2016 19:21	11.41	38.78	24.63	9.04	7.96	30.7	1.359	96.6	3.9	0.9
715	11/30/2016 19:36	11.44	38.79	24.64	9.00	7.92	32.4	1.439	96.4	4.4	1.1
716	11/30/2016 19:51	11.38	38.27	24.27	9.02	7.91	29.7	1.543	96.2	4.2	1.0
717	11/30/2016 20:06	11.41	38.26	24.27	9.00	7.89	27.4	1.613	96.1	4.3	1.0
718	11/30/2016 20:21	11.44	38.24	24.25	9.01	7.94	25.4	1.713	96.2	4.2	1.0
719	11/30/2016 20:36	11.49	38.60	24.50	9.00	7.95	24.9	1.776	96.4	3.7	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
720	11/30/2016 20:51	11.56	38.66	24.55	9.01	7.95	28.9	1.860	96.7	4.3	1.0
721	11/30/2016 21:06	11.69	39.55	25.18	9.00	7.96	23.1	1.970	97.1	3.7	0.9
722	11/30/2016 21:21	11.76	39.91	25.43	8.99	7.94	22.8	2.059	97.4	3.5	0.8
723	11/30/2016 21:36	11.82	40.30	25.71	8.98	7.94	22.0	2.147	97.5	3.5	0.8
724	11/30/2016 21:51	11.87	40.83	26.08	9.00	7.96	19.2	2.232	98.1	3.0	0.7
725	11/30/2016 22:06	11.88	40.96	26.18	9.00	7.98	23.6	2.347	98.2	3.7	0.9
726	11/30/2016 22:21	11.89	41.08	26.26	8.96	7.99	28.8	2.433	97.9	3.7	0.9
727	11/30/2016 22:36	11.89	41.18	26.33	8.95	7.99	23.2	2.529	97.7	3.2	0.8
728	11/30/2016 22:51	11.88	41.25	26.38	8.95	7.99	27.2	2.611	97.8	3.6	0.9
729	11/30/2016 23:06	11.83	41.22	26.36	8.96	8.00	25.8	2.698	97.8	3.1	0.7
730	11/30/2016 23:21	11.87	41.55	26.59	8.98	8.00	27.4	2.788	98.2	3.2	0.8
731	11/30/2016 23:36	11.92	41.87	26.82	8.94	8.01	28.3	2.856	98.0	3.4	0.8
732	11/30/2016 23:51	11.94	42.15	27.02	8.97	8.01	23.8	2.927	98.5	2.8	0.7
733	12/1/2016 0:06	12.01	42.76	27.46	8.95	8.02	33.8	2.999	98.7	3.4	0.8
734	12/1/2016 0:21	12.10	43.66	28.10	9.04	8.03	38.6	3.074	100.3	3.3	0.8
735	12/1/2016 0:36	12.12	44.10	28.41	9.10	8.04	20.3	3.124	101.2	3.0	0.7
736	12/1/2016 0:51	12.15	44.52	28.71	9.14	8.04	16.8	3.170	101.9	2.4	0.6
737	12/1/2016 1:06	12.18	44.94	29.01	9.15	8.05	13.8	3.227	102.3	2.5	0.6
738	12/1/2016 1:21	12.26	45.27	29.26	9.13	8.05	11.5	3.248	102.4	1.9	0.5
739	12/1/2016 1:36	12.25	45.25	29.24	9.08	8.05	7.9	3.271	101.8	1.9	0.5
740	12/1/2016 1:51	12.18	44.84	28.94	9.06	8.05	11.2	3.250	101.2	2.4	0.6
741	12/1/2016 2:06	12.22	45.06	29.10	9.08	8.05	12.0	3.230	101.7	2.1	0.5
742	12/1/2016 2:21	12.09	44.38	28.61	9.09	8.04	11.7	3.198	101.1	2.3	0.5
743	12/1/2016 2:36	11.85	43.43	27.93	9.00	8.03	14.1	3.136	99.3	3.0	0.7
744	12/1/2016 2:51	11.78	43.06	27.66	8.99	8.03	17.1	3.076	98.8	2.6	0.6
745	12/1/2016 3:06	11.54	41.97	26.88	8.96	8.02	22.8	3.017	97.5	2.6	0.6
746	12/1/2016 3:21	11.52	41.88	26.81	8.93	8.01	16.0	2.983	97.1	2.5	0.6
747	12/1/2016 3:36	11.70	42.13	27.00	8.81	8.01	15.0	2.883	96.3	3.3	0.8
748	12/1/2016 3:51	11.34	41.20	26.33	8.84	7.98	12.6	2.809	95.5	2.6	0.6
749	12/1/2016 4:06	11.27	40.98	26.17	8.85	7.99	11.4	2.744	95.3	3.1	0.7
750	12/1/2016 4:21	11.27	40.82	26.06	8.88	7.98	12.0	2.697	95.5	2.5	0.6
751	12/1/2016 4:36	11.16	40.66	25.94	8.87	7.99	11.3	2.643	95.2	2.4	0.6
752	12/1/2016 4:51	11.14	40.43	25.77	8.88	7.99	11.4	2.577	95.1	2.5	0.6
753	12/1/2016 5:06	11.03	40.35	25.71	8.90	7.99	11.8	2.508	95.1	2.9	0.7
754	12/1/2016 5:21	10.98	40.40	25.75	8.90	7.99	11.5	2.473	95.0	2.9	0.7
755	12/1/2016 5:36	10.93	40.38	25.73	8.85	7.99	11.3	2.429	94.3	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
756	12/1/2016 5:51	10.98	40.33	25.70	8.86	7.99	11.1	2.413	94.5	3.4	0.8
757	12/1/2016 6:06	10.94	40.42	25.76	8.82	7.99	11.9	2.378	94.0	3.6	0.8
758	12/1/2016 6:21	11.00	40.66	25.93	8.80	7.99	10.2	2.357	94.0	2.7	0.6
759	12/1/2016 6:36	10.98	40.09	25.53	8.89	7.98	10.7	2.368	94.7	2.9	0.7
760	12/1/2016 6:51	10.85	40.03	25.48	8.87	7.99	10.6	2.387	94.2	3.1	0.7
761	12/1/2016 7:06	11.12	40.46	25.80	8.88	7.99	10.4	2.396	95.1	3.0	0.7
762	12/1/2016 7:21	11.26	40.66	25.94	8.88	7.99	11.5	2.424	95.5	2.9	0.7
763	12/1/2016 7:36	11.14	40.49	25.82	8.89	7.98	11.5	2.494	95.3	3.2	0.8
764	12/1/2016 7:51	11.16	40.58	25.88	8.86	7.99	14.3	2.545	95.0	2.5	0.6
765	12/1/2016 8:06	11.31	40.94	26.14	8.92	8.00	12.2	2.622	96.1	2.7	0.6
766	12/1/2016 8:21	11.45	41.74	26.71	8.90	8.01	12.1	2.677	96.5	2.9	0.7
767	12/1/2016 8:36	11.45	41.61	26.62	8.94	8.00	12.0	2.760	96.9	2.2	0.5
768	12/1/2016 8:51	11.40	41.85	26.79	8.93	8.01	11.7	2.846	96.8	2.6	0.6
769	12/1/2016 9:06	11.49	42.53	27.27	8.95	8.02	12.6	2.926	97.5	2.2	0.5
770	12/1/2016 9:21	11.31	42.06	26.93	8.99	7.98	14.5	3.005	97.3	2.6	0.6
771	12/1/2016 9:36	11.46	42.45	27.21	9.00	7.97	10.6	3.071	97.9	2.4	0.6
772	12/1/2016 9:51	11.56	42.99	27.60	9.01	8.02	10.1	3.195	98.6	2.8	0.7
773	12/1/2016 10:06	11.74	43.79	28.18	9.02	8.03	8.9	3.247	99.4	2.0	0.5
774	12/1/2016 10:21	11.86	44.37	28.59	8.98	8.04	8.4	3.334	99.4	2.3	0.5
775	12/1/2016 10:36	12.01	45.08	29.10	8.99	8.04	9.8	3.409	100.2	1.8	0.4
776	12/1/2016 10:51	12.18	46.05	29.81	8.95	8.04	11.7	3.476	100.5	1.4	0.3
777	12/1/2016 11:06	12.16	46.25	29.95	8.89	8.04	12.5	3.526	99.9	2.0	0.5
778	12/1/2016 11:21	12.12	46.28	29.97	8.88	8.04	10.4	3.597	99.7	1.7	0.4
779	12/1/2016 11:36	12.09	46.38	30.04	8.89	8.05	11.5	3.640	99.8	1.7	0.4
780	12/1/2016 11:51	12.08	46.55	30.16	8.86	8.01	11.1	3.680	99.5	1.6	0.4
781	12/1/2016 12:06	12.08	46.70	30.28	8.80	8.00	9.2	3.683	99.0	1.3	0.3
782	12/1/2016 12:21	12.08	46.79	30.34	8.75	8.03	8.2	3.706	98.5	2.2	0.5
783	12/1/2016 12:36	12.02	45.89	29.69	8.83	8.04	8.4	3.664	98.7	1.8	0.4
784	12/1/2016 12:51	12.06	46.14	29.87	8.84	8.04	9.0	3.622	99.0	2.3	0.5
785	12/1/2016 13:06	12.07	45.53	29.43	8.95	8.05	15.5	3.593	100.1	2.1	0.5
786	12/1/2016 13:21	12.10	45.35	29.31	9.03	8.04	17.7	3.510	101.0	2.1	0.5
787	12/1/2016 13:36	12.00	44.93	29.00	9.06	8.04	17.1	3.424	100.9	2.7	0.7
788	12/1/2016 13:51	12.02	44.64	28.79	9.06	8.04	23.5	3.354	100.8	3.1	0.7
789	12/1/2016 14:06	12.01	44.59	28.76	9.07	8.04	21.3	3.253	100.8	3.1	0.7
790	12/1/2016 14:21	11.97	44.33	28.57	9.04	8.04	26.3	3.180	100.3	3.1	0.7
791	12/1/2016 14:36	11.95	43.99	28.33	9.11	8.04	31.5	3.071	100.9	3.2	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	Fluorescence %FS
792	12/1/2016 14:51	11.93	43.91	28.27	9.11	8.04	34.1	2.958	100.9	3.5	0.8
793	12/1/2016 15:06	11.89	43.64	28.08	9.10	8.03	32.8	2.898	100.5	3.3	0.8
794	12/1/2016 15:21	11.80	43.16	27.73	9.14	8.03	33.4	2.779	100.5	3.2	0.8
795	12/1/2016 15:36	11.69	42.54	27.29	9.14	8.02	43.5	2.648	100.0	3.6	0.9
796	12/1/2016 15:51	11.60	42.04	26.93	9.20	8.02	42.1	2.545	100.2	4.2	1.0
797	12/1/2016 16:06	11.51	41.20	26.33	9.12	8.00	53.8	2.408	98.8	4.3	1.0
798	12/1/2016 16:21	11.45	40.95	26.15	9.13	8.00	56.7	2.273	98.7	4.1	1.0
799	12/1/2016 16:36	11.33	40.79	26.04	9.16	8.00	62.9	2.150	98.6	5.3	1.3
800	12/1/2016 16:51	11.28	40.71	25.98	9.14	7.99	77.6	2.017	98.4	5.1	1.2
801	12/1/2016 17:06	11.17	40.88	26.09	9.18	7.98	78.0	1.880	98.6	5.8	1.4
802	12/1/2016 17:21	11.10	40.41	25.76	9.21	7.97	80.3	1.761	98.6	6.1	1.4
803	12/1/2016 17:36	11.05	40.18	25.60	9.19	7.97	83.1	1.634	98.2	6.3	1.5
804	12/1/2016 17:51	10.95	39.64	25.21	9.22	7.95	68.2	1.508	98.0	5.4	1.3
805	12/1/2016 18:06	10.91	39.42	25.06	9.26	7.97	64.9	1.415	98.3	5.4	1.3
806	12/1/2016 18:21	10.91	39.31	24.98	9.26	7.98	58.8	1.329	98.1	4.7	1.1
807	12/1/2016 18:36	10.90	39.31	24.98	9.25	7.94	55.0	1.237	98.0	5.3	1.2
808	12/1/2016 18:51	10.86	39.27	24.95	9.21	7.95	45.5	1.184	97.5	5.4	1.3
809	12/1/2016 19:06	10.82	39.31	24.97	9.19	7.92	45.4	1.149	97.3	4.8	1.1
810	12/1/2016 19:21	10.87	39.52	25.13	9.26	7.93	37.6	1.210	98.1	4.6	1.1
811	12/1/2016 19:36	10.92	39.54	25.14	9.22	7.93	35.7	1.235	97.9	4.0	0.9
812	12/1/2016 19:51	10.91	39.48	25.10	9.26	7.93	34.2	1.308	98.3	4.3	1.0
813	12/1/2016 20:06	10.92	39.50	25.12	9.26	7.97	33.4	1.373	98.2	3.9	0.9
814	12/1/2016 20:21	10.75	38.77	24.60	9.28	7.98	30.8	1.432	97.8	4.4	1.0
815	12/1/2016 20:36	10.80	38.72	24.56	9.26	7.93	30.9	1.531	97.7	4.2	1.0
816	12/1/2016 20:51	10.88	38.96	24.73	9.22	7.96	31.9	1.592	97.6	3.8	0.9
817	12/1/2016 21:06	10.92	38.93	24.72	9.26	7.97	27.1	1.674	98.0	3.6	0.9
818	12/1/2016 21:21	11.03	39.53	25.14	9.21	7.97	31.1	1.777	98.0	4.0	0.9
819	12/1/2016 21:36	11.16	40.02	25.49	9.15	7.98	36.0	1.847	97.9	4.1	1.0
820	12/1/2016 21:51	11.28	40.56	25.87	9.09	7.95	28.8	1.926	97.8	4.3	1.0
821	12/1/2016 22:06	11.33	40.61	25.91	9.14	7.97	23.6	2.018	98.4	3.7	0.9
822	12/1/2016 22:21	11.44	41.39	26.46	9.09	7.98	26.6	2.124	98.4	3.9	0.9
823	12/1/2016 22:36	11.45	41.60	26.61	9.13	7.96	26.6	2.226	98.9	3.7	0.9
824	12/1/2016 22:51	11.45	41.69	26.67	9.11	7.97	32.7	2.317	98.7	3.8	0.9
825	12/1/2016 23:06	11.47	41.80	26.76	9.11	7.97	31.7	2.422	98.9	3.8	0.9
826	12/1/2016 23:21	11.50	42.00	26.90	9.07	7.96	40.0	2.521	98.6	3.8	0.9
827	12/1/2016 23:36	11.50	42.05	26.93	9.06	7.96	32.5	2.607	98.5	4.1	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
828	12/1/2016 23:51	11.48	42.14	26.99	9.09	7.96	40.3	2.693	98.9	3.4	0.8
829	12/2/2016 0:06	11.49	42.37	27.16	9.07	7.97	34.9	2.765	98.7	4.0	0.9
830	12/2/2016 0:21	11.47	42.47	27.23	9.09	7.98	34.1	2.840	98.9	3.3	0.8
831	12/2/2016 0:36	11.52	42.79	27.46	9.07	7.97	33.5	2.914	98.9	3.4	0.8
832	12/2/2016 0:51	11.59	43.43	27.92	9.05	8.02	38.7	2.970	99.2	3.9	0.9
833	12/2/2016 1:06	11.62	44.01	28.33	9.11	8.04	30.5	3.038	100.2	2.7	0.6
834	12/2/2016 1:21	11.66	44.44	28.64	9.15	8.04	33.9	3.081	100.9	2.9	0.7
835	12/2/2016 1:36	11.68	44.80	28.89	9.21	8.04	23.1	3.132	101.8	3.4	0.8
836	12/2/2016 1:51	11.70	45.07	29.09	9.23	8.00	15.2	3.169	102.1	2.5	0.6
837	12/2/2016 2:06	11.73	45.19	29.17	9.13	8.01	11.3	3.184	101.1	2.2	0.5
838	12/2/2016 2:21	11.72	45.16	29.15	9.14	8.01	13.2	3.192	101.2	2.6	0.6
839	12/2/2016 2:36	11.69	44.91	28.97	9.10	8.00	13.1	3.186	100.7	2.6	0.6
840	12/2/2016 2:51	11.24	43.74	28.12	9.27	8.00	12.3	3.146	100.9	2.8	0.7
841	12/2/2016 3:06	11.62	44.56	28.72	9.12	7.99	15.6	3.104	100.6	2.6	0.6
842	12/2/2016 3:21	11.32	43.47	27.93	9.05	7.97	18.2	3.051	98.7	3.1	0.7
843	12/2/2016 3:36	11.09	43.02	27.60	9.03	7.97	22.2	3.000	97.7	3.0	0.7
844	12/2/2016 3:51	11.36	42.98	27.58	9.02	7.98	27.2	2.943	98.2	3.2	0.8
845	12/2/2016 4:06	11.04	42.34	27.12	9.07	7.96	20.0	2.857	97.7	2.9	0.7
846	12/2/2016 4:21	10.93	42.08	26.93	9.00	7.95	17.0	2.796	96.6	2.7	0.6
847	12/2/2016 4:36	11.04	42.12	26.96	8.99	7.96	16.8	2.726	96.8	2.9	0.7
848	12/2/2016 4:51	10.75	41.54	26.54	8.89	7.94	13.5	2.673	94.8	3.3	0.8
849	12/2/2016 5:06	10.75	41.58	26.57	8.96	7.95	14.2	2.593	95.6	3.1	0.7
850	12/2/2016 5:21	10.66	41.36	26.41	8.99	7.95	14.8	2.543	95.6	3.0	0.7
851	12/2/2016 5:36	10.57	41.07	26.20	9.04	7.94	14.5	2.489	95.9	3.4	0.8
852	12/2/2016 5:51	10.41	40.86	26.05	9.02	7.96	14.1	2.433	95.2	2.5	0.6
853	12/2/2016 6:06	10.44	40.87	26.05	9.03	7.94	14.5	2.404	95.4	3.5	0.8
854	12/2/2016 6:21	10.38	41.02	26.15	8.98	7.94	13.1	2.354	94.9	2.5	0.6
855	12/2/2016 6:36	10.57	40.98	26.14	9.02	7.95	13.4	2.327	95.7	2.7	0.6
856	12/2/2016 6:51	10.60	41.10	26.22	8.94	7.95	14.2	2.323	94.9	2.8	0.7
857	12/2/2016 7:06	10.58	41.12	26.24	9.02	7.95	12.5	2.323	95.7	3.1	0.7
858	12/2/2016 7:21	10.24	40.58	25.84	9.06	7.95	12.9	2.354	95.2	2.7	0.6
859	12/2/2016 7:36	10.67	41.11	26.23	9.04	7.95	13.7	2.364	96.1	2.8	0.7
860	12/2/2016 7:51	10.87	41.35	26.41	9.01	8.00	15.4	2.406	96.3	2.4	0.6
861	12/2/2016 8:06	10.76	41.33	26.39	9.01	8.00	15.9	2.469	96.0	3.2	0.8
862	12/2/2016 8:21	10.53	41.00	26.15	9.04	8.00	14.8	2.508	95.8	2.9	0.7
863	12/2/2016 8:36	10.98	41.93	26.83	8.99	8.00	16.4	2.589	96.6	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
864	12/2/2016 8:51	10.92	42.13	26.97	9.04	8.01	14.4	2.662	97.0	2.8	0.7
865	12/2/2016 9:06	11.06	42.34	27.12	9.05	8.00	13.4	2.723	97.6	2.2	0.5
866	12/2/2016 9:21	11.04	42.48	27.22	9.03	8.01	13.1	2.777	97.4	2.7	0.6
867	12/2/2016 9:36	11.07	42.80	27.44	9.04	8.02	13.1	2.871	97.7	3.1	0.7
868	12/2/2016 9:51	11.06	42.89	27.51	9.07	8.03	12.9	2.938	98.0	2.3	0.5
869	12/2/2016 10:06	11.07	42.82	27.46	9.13	8.02	16.6	3.003	98.6	2.7	0.6
870	12/2/2016 10:21	11.12	43.08	27.65	9.13	8.03	11.5	3.087	99.0	2.5	0.6
871	12/2/2016 10:36	11.19	43.44	27.90	9.10	8.03	13.7	3.144	98.9	2.5	0.6
872	12/2/2016 10:51	11.26	43.89	28.23	9.07	8.03	9.6	3.216	98.9	2.3	0.5
873	12/2/2016 11:06	11.44	44.61	28.75	9.01	8.03	9.8	3.277	99.0	1.8	0.4
874	12/2/2016 11:21	11.53	45.11	29.11	8.95	8.04	9.9	3.366	98.7	2.5	0.6
875	12/2/2016 11:36	11.63	45.97	29.73	8.87	8.03	13.4	3.425	98.4	2.0	0.5
876	12/2/2016 11:51	11.67	46.70	30.25	8.73	7.99	15.6	3.469	97.3	1.9	0.4
877	12/2/2016 12:06	11.61	46.84	30.35	8.65	8.02	15.3	3.527	96.3	1.8	0.4
878	12/2/2016 12:21	11.57	46.93	30.42	8.64	8.03	12.5	3.566	96.2	2.1	0.5
879	12/2/2016 12:36	11.57	47.00	30.46	8.59	8.03	12.0	3.593	95.7	1.3	0.3
880	12/2/2016 12:51	11.56	47.00	30.47	8.58	8.03	10.2	3.615	95.5	1.7	0.4
881	12/2/2016 13:06	11.57	46.96	30.44	8.52	7.98	8.1	3.606	94.9	1.2	0.3
882	12/2/2016 13:21	11.57	47.00	30.47	8.51	7.98	8.9	3.586	94.7	1.7	0.4
883	12/2/2016 13:36	11.59	47.03	30.49	8.54	7.98	12.3	3.534	95.1	2.0	0.5
884	12/2/2016 13:51	11.63	45.04	29.06	8.89	7.97	12.0	3.498	98.2	2.1	0.5
885	12/2/2016 14:06	11.64	45.00	29.04	8.91	7.97	11.8	3.405	98.4	2.0	0.5
886	12/2/2016 14:21	11.64	44.94	29.00	8.90	7.98	18.4	3.330	98.4	2.6	0.6
887	12/2/2016 14:36	11.62	44.40	28.61	9.05	7.98	14.8	3.252	99.7	2.3	0.5
888	12/2/2016 14:51	11.60	43.98	28.31	9.09	7.98	9.9	3.156	99.9	2.1	0.5
889	12/2/2016 15:06	11.56	43.50	27.96	9.16	7.97	10.4	3.044	100.3	2.3	0.6
890	12/2/2016 15:21	11.52	43.12	27.69	9.16	7.97	12.0	2.945	100.1	2.4	0.6
891	12/2/2016 15:36	11.48	43.20	27.74	9.14	7.97	12.7	2.859	99.8	2.5	0.6
892	12/2/2016 15:51	11.53	43.47	27.94	9.12	7.97	10.3	2.745	99.8	2.3	0.5
893	12/2/2016 16:06	11.48	43.42	27.90	9.12	7.98	12.8	2.618	99.7	2.6	0.6
894	12/2/2016 16:21	11.36	42.69	27.38	9.15	7.97	17.8	2.508	99.5	2.9	0.7
895	12/2/2016 16:36	11.25	42.25	27.06	9.14	8.01	14.4	2.386	98.9	3.3	0.8
896	12/2/2016 16:51	11.16	42.01	26.89	9.17	7.97	14.2	2.272	98.9	3.1	0.7
897	12/2/2016 17:06	11.05	41.63	26.61	9.18	7.96	17.4	2.153	98.7	3.3	0.8
898	12/2/2016 17:21	11.02	41.60	26.59	9.16	7.95	18.8	2.008	98.3	3.5	0.8
899	12/2/2016 17:36	10.95	41.44	26.48	9.16	7.95	20.8	1.892	98.1	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
900	12/2/2016 17:51	10.86	41.06	26.21	9.16	8.00	21.6	1.750	97.8	3.3	0.8
901	12/2/2016 18:06	10.77	40.76	25.99	9.18	8.00	20.8	1.644	97.6	3.1	0.7
902	12/2/2016 18:21	10.69	40.46	25.77	9.23	8.00	20.3	1.543	97.9	3.6	0.9
903	12/2/2016 18:36	10.64	40.24	25.62	9.24	8.00	18.6	1.446	97.7	3.6	0.8
904	12/2/2016 18:51	10.62	40.20	25.59	9.18	7.99	17.9	1.366	97.1	3.5	0.8
905	12/2/2016 19:06	10.60	40.16	25.56	9.18	7.98	17.0	1.293	97.1	3.4	0.8
906	12/2/2016 19:21	10.59	40.12	25.53	9.16	7.98	16.1	1.275	96.8	3.3	0.8
907	12/2/2016 19:36	10.69	40.35	25.70	9.15	7.99	15.0	1.226	97.0	3.7	0.9
908	12/2/2016 19:51	10.79	40.51	25.81	9.16	7.99	15.3	1.248	97.4	3.8	0.9
909	12/2/2016 20:06	10.75	40.50	25.81	9.18	7.99	14.2	1.297	97.5	3.5	0.8
910	12/2/2016 20:21	10.72	40.52	25.82	9.20	8.00	14.1	1.379	97.7	3.5	0.8
911	12/2/2016 20:36	10.71	40.53	25.83	9.18	7.99	13.9	1.409	97.4	3.6	0.8
912	12/2/2016 20:51	10.50	39.60	25.16	9.27	7.98	11.6	1.481	97.6	3.2	0.8
913	12/2/2016 21:06	10.65	40.11	25.53	9.22	7.98	11.9	1.568	97.5	3.2	0.8
914	12/2/2016 21:21	10.66	40.04	25.48	9.18	7.98	13.0	1.630	97.1	3.3	0.8
915	12/2/2016 21:36	10.70	40.11	25.53	9.15	7.98	12.4	1.709	96.9	3.5	0.8
916	12/2/2016 21:51	10.77	40.43	25.76	9.13	7.99	13.0	1.788	97.0	3.1	0.7
917	12/2/2016 22:06	10.74	40.20	25.59	9.17	7.99	12.1	1.863	97.2	2.9	0.7
918	12/2/2016 22:21	10.87	40.86	26.06	9.14	7.99	14.1	1.941	97.5	3.7	0.9
919	12/2/2016 22:36	10.85	40.74	25.98	9.16	8.00	12.2	2.029	97.6	3.1	0.7
920	12/2/2016 22:51	11.05	41.73	26.69	9.07	8.00	13.0	2.141	97.5	3.1	0.7
921	12/2/2016 23:06	11.10	42.00	26.88	9.10	8.01	14.0	2.249	98.1	2.9	0.7
922	12/2/2016 23:21	11.10	42.10	26.95	9.09	8.01	15.1	2.334	98.0	3.0	0.7
923	12/2/2016 23:36	11.13	42.30	27.09	9.11	8.01	15.6	2.425	98.3	3.3	0.8
924	12/2/2016 23:51	11.16	42.49	27.23	9.10	8.01	15.9	2.522	98.4	2.7	0.6
925	12/3/2016 0:06	11.20	42.74	27.41	9.06	8.01	16.9	2.595	98.2	3.0	0.7
926	12/3/2016 0:21	11.19	42.85	27.49	9.05	8.02	18.4	2.691	98.0	3.0	0.7
927	12/3/2016 0:36	11.24	43.11	27.67	9.05	8.02	18.6	2.762	98.3	2.8	0.7
928	12/3/2016 0:51	11.25	43.32	27.82	9.05	8.02	19.4	2.851	98.4	3.4	0.8
929	12/3/2016 1:06	11.25	43.46	27.92	9.01	8.02	17.2	2.893	98.0	2.5	0.6
930	12/3/2016 1:21	11.29	43.83	28.18	8.97	8.02	20.3	2.975	97.9	3.1	0.7
931	12/3/2016 1:36	11.35	44.52	28.68	8.92	8.02	32.3	3.020	97.7	3.4	0.8
932	12/3/2016 1:51	11.33	45.03	29.04	9.00	8.02	21.9	3.108	98.8	2.8	0.7
933	12/3/2016 2:06	11.32	45.39	29.30	9.05	8.03	20.5	3.132	99.5	2.8	0.7
934	12/3/2016 2:21	11.34	45.61	29.46	9.05	8.02	16.8	3.175	99.7	2.7	0.6
935	12/3/2016 2:36	11.36	45.87	29.65	9.06	8.03	15.3	3.197	99.9	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
936	12/3/2016 2:51	11.38	46.12	29.83	9.05	8.03	10.6	3.223	100.0	2.6	0.6
937	12/3/2016 3:06	11.37	45.88	29.65	9.04	7.99	11.7	3.218	99.7	2.0	0.5
938	12/3/2016 3:21	11.35	45.70	29.53	9.00	7.99	10.2	3.214	99.2	2.5	0.6
939	12/3/2016 3:36	11.37	45.93	29.69	9.00	8.03	13.3	3.174	99.3	2.4	0.6
940	12/3/2016 3:51	11.30	45.24	29.19	9.00	8.03	16.1	3.130	98.8	2.5	0.6
941	12/3/2016 4:06	11.05	43.91	28.23	8.92	8.02	12.9	3.104	96.8	2.0	0.5
942	12/3/2016 4:21	11.18	44.40	28.59	8.89	8.02	20.0	3.023	97.1	2.5	0.6
943	12/3/2016 4:36	11.03	43.58	27.99	8.90	8.01	20.2	2.952	96.4	2.8	0.7
944	12/3/2016 4:51	11.10	43.56	27.98	8.90	8.01	13.4	2.907	96.5	2.6	0.6
945	12/3/2016 5:06	11.00	43.17	27.70	8.89	8.01	10.7	2.843	96.1	2.7	0.6
946	12/3/2016 5:21	10.81	42.87	27.48	8.82	8.00	10.1	2.791	94.8	2.6	0.6
947	12/3/2016 5:36	10.82	42.71	27.37	8.87	8.00	9.6	2.731	95.3	2.8	0.7
948	12/3/2016 5:51	10.70	42.43	27.17	8.96	7.96	9.2	2.675	95.8	2.9	0.7
949	12/3/2016 6:06	10.61	42.27	27.05	8.95	7.96	9.5	2.617	95.5	2.6	0.6
950	12/3/2016 6:21	10.56	42.31	27.07	8.93	8.00	9.0	2.589	95.2	3.0	0.7
951	12/3/2016 6:36	10.55	42.22	27.01	8.96	8.01	9.0	2.557	95.4	2.2	0.5
952	12/3/2016 6:51	10.50	42.34	27.09	8.90	8.01	8.6	2.503	94.8	2.0	0.5
953	12/3/2016 7:06	10.43	42.15	26.95	8.93	8.01	8.6	2.488	94.8	2.5	0.6
954	12/3/2016 7:21	10.47	41.89	26.77	8.94	8.01	8.3	2.463	95.0	2.4	0.6
955	12/3/2016 7:36	10.52	41.76	26.68	8.92	7.98	8.4	2.435	94.8	2.6	0.6
956	12/3/2016 7:51	10.52	41.53	26.52	8.96	7.95	7.9	2.430	95.1	2.8	0.7
957	12/3/2016 8:06	10.33	41.75	26.67	8.95	7.96	8.4	2.436	94.7	2.5	0.6
958	12/3/2016 8:21	10.53	42.03	26.87	8.95	7.97	8.2	2.471	95.3	2.5	0.6
959	12/3/2016 8:36	10.65	42.28	27.06	8.93	7.95	8.9	2.500	95.4	2.5	0.6
960	12/3/2016 8:51	10.74	42.43	27.16	8.94	7.96	9.5	2.544	95.8	2.3	0.5
961	12/3/2016 9:06	10.61	42.14	26.96	8.95	7.96	12.2	2.603	95.4	2.3	0.5
962	12/3/2016 9:21	10.49	41.91	26.79	8.97	7.95	10.6	2.648	95.3	2.5	0.6
963	12/3/2016 9:36	10.72	42.70	27.36	8.95	7.96	10.9	2.714	96.0	2.2	0.5
964	12/3/2016 9:51	11.00	43.61	28.02	8.96	7.97	9.9	2.776	97.1	1.8	0.4
965	12/3/2016 10:06	10.93	43.37	27.84	8.98	8.01	11.1	2.855	97.1	2.3	0.5
966	12/3/2016 10:21	10.95	43.57	27.99	8.99	8.02	9.8	2.928	97.3	2.8	0.7
967	12/3/2016 10:36	10.95	43.69	28.07	8.97	8.02	9.7	3.020	97.1	2.5	0.6
968	12/3/2016 10:51	11.01	43.82	28.17	9.00	8.02	12.3	3.050	97.6	2.1	0.5
969	12/3/2016 11:06	11.05	44.05	28.33	9.01	8.02	10.4	3.127	97.8	2.3	0.6
970	12/3/2016 11:21	11.08	44.33	28.53	9.00	8.02	11.3	3.223	97.9	2.6	0.6
971	12/3/2016 11:36	11.21	45.77	29.56	8.93	8.02	10.8	3.269	98.1	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
972	12/3/2016 11:51	11.21	45.51	29.38	8.98	8.02	8.6	3.339	98.6	2.4	0.6
973	12/3/2016 12:06	11.26	46.02	29.75	8.90	8.02	9.1	3.455	98.0	2.0	0.5
974	12/3/2016 12:21	11.34	46.87	30.36	8.82	8.02	10.0	3.436	97.7	1.6	0.4
975	12/3/2016 12:36	11.36	47.23	30.62	8.77	8.02	10.2	3.482	97.3	2.0	0.5
976	12/3/2016 12:51	11.36	47.44	30.77	8.75	8.02	10.2	3.551	97.2	1.7	0.4
977	12/3/2016 13:06	11.36	47.45	30.78	8.70	8.02	8.8	3.546	96.7	1.9	0.4
978	12/3/2016 13:21	11.35	47.52	30.83	8.63	8.02	9.1	3.634	95.9	2.2	0.5
979	12/3/2016 13:36	11.36	47.46	30.79	8.68	8.02	7.9	3.559	96.4	1.1	0.3
980	12/3/2016 13:51	11.42	46.60	30.17	8.83	8.02	7.5	3.615	97.9	2.1	0.5
981	12/3/2016 14:06	11.34	46.71	30.25	8.79	8.02	9.8	3.550	97.3	2.3	0.6
982	12/3/2016 14:21	11.35	46.65	30.20	8.79	8.02	10.3	3.502	97.2	1.9	0.4
983	12/3/2016 14:36	11.43	46.13	29.84	8.88	8.02	12.6	3.419	98.2	2.3	0.5
984	12/3/2016 14:51	11.50	45.60	29.46	9.11	8.02	16.4	3.363	100.6	2.6	0.6
985	12/3/2016 15:06	11.47	45.56	29.43	9.09	8.03	11.5	3.283	100.4	2.1	0.5
986	12/3/2016 15:21	11.36	45.50	29.38	8.97	8.02	12.0	3.172	98.8	2.1	0.5
987	12/3/2016 15:36	11.34	45.11	29.10	9.02	8.02	12.0	3.101	99.1	2.1	0.5
988	12/3/2016 15:51	11.36	44.41	28.60	9.22	8.03	13.5	2.996	101.0	2.8	0.7
989	12/3/2016 16:06	11.32	44.45	28.63	9.11	8.02	13.1	2.958	99.8	2.3	0.5
990	12/3/2016 16:21	11.33	44.29	28.51	9.18	8.03	13.0	2.859	100.4	3.4	0.8
991	12/3/2016 16:36	11.23	43.61	28.03	9.26	8.02	16.9	2.760	100.8	3.2	0.8
992	12/3/2016 16:51	11.20	43.64	28.05	9.23	8.02	14.9	2.703	100.4	2.9	0.7
993	12/3/2016 17:06	11.13	43.06	27.63	9.20	8.01	19.5	2.579	99.7	3.0	0.7
994	12/3/2016 17:21	11.07	42.70	27.37	9.24	8.02	20.2	2.432	99.8	3.0	0.7
995	12/3/2016 17:36	11.01	42.85	27.48	9.20	8.01	20.4	2.302	99.3	3.1	0.7
996	12/3/2016 17:51	10.96	42.36	27.13	9.20	8.01	26.0	2.231	99.0	3.6	0.8
997	12/3/2016 18:06	10.90	42.11	26.95	9.21	8.00	25.0	2.084	98.9	3.9	0.9
998	12/3/2016 18:21	10.83	41.93	26.82	9.22	8.00	24.9	2.000	98.7	3.6	0.8
999	12/3/2016 18:36	10.77	41.83	26.74	9.23	8.00	23.5	1.823	98.7	3.1	0.7
1000	12/3/2016 18:51	10.71	41.45	26.47	9.29	8.00	25.5	1.785	99.0	3.7	0.9
1001	12/3/2016 19:06	10.68	41.34	26.40	9.29	8.00	24.4	1.647	98.9	4.1	1.0
1002	12/3/2016 19:21	10.65	41.09	26.22	9.27	8.00	23.3	1.553	98.5	3.7	0.9
1003	12/3/2016 19:36	10.62	40.88	26.07	9.28	7.97	22.0	1.424	98.5	4.0	1.0
1004	12/3/2016 19:51	10.64	40.95	26.12	9.28	7.97	20.2	1.439	98.5	4.0	0.9
1005	12/3/2016 20:06	10.61	40.91	26.09	9.22	7.95	20.4	1.328	97.8	3.5	0.8
1006	12/3/2016 20:21	10.58	40.87	26.06	9.22	7.95	18.4	1.328	97.7	3.3	0.8
1007	12/3/2016 20:36	10.58	40.84	26.04	9.24	7.95	15.8	1.320	97.9	3.9	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1008	12/3/2016 20:51	10.58	40.96	26.12	9.24	7.96	17.7	1.370	98.0	3.6	0.9
1009	12/3/2016 21:06	10.63	41.03	26.18	9.24	7.98	18.0	1.433	98.1	3.7	0.9
1010	12/3/2016 21:21	10.65	41.05	26.19	9.28	7.99	16.7	1.535	98.6	3.2	0.8
1011	12/3/2016 21:36	10.64	41.05	26.19	9.28	7.99	15.9	1.573	98.6	2.8	0.7
1012	12/3/2016 21:51	10.63	40.83	26.03	9.27	7.99	15.9	1.638	98.4	3.5	0.8
1013	12/3/2016 22:06	10.61	40.59	25.86	9.31	7.99	14.7	1.729	98.6	3.2	0.8
1014	12/3/2016 22:21	10.68	40.93	26.11	9.25	7.99	15.5	1.784	98.3	3.3	0.8
1015	12/3/2016 22:36	10.69	40.90	26.09	9.27	7.99	14.3	1.888	98.5	3.5	0.8
1016	12/3/2016 22:51	10.71	40.83	26.03	9.27	7.99	15.1	1.961	98.5	3.1	0.7
1017	12/3/2016 23:06	10.77	41.18	26.28	9.20	7.99	14.0	2.039	98.1	3.3	0.8
1018	12/3/2016 23:21	10.91	42.01	26.88	9.19	8.00	15.9	2.091	98.6	2.9	0.7
1019	12/3/2016 23:36	10.97	42.33	27.11	9.19	8.00	14.9	2.198	98.9	3.2	0.7
1020	12/3/2016 23:51	11.04	42.74	27.40	9.17	8.00	14.4	2.286	99.1	2.4	0.6
1021	12/4/2016 0:06	11.07	42.97	27.56	9.17	8.00	14.7	2.399	99.2	3.4	0.8
1022	12/4/2016 0:21	11.07	43.09	27.65	9.16	8.01	15.3	2.497	99.1	3.3	0.8
1023	12/4/2016 0:36	11.11	43.45	27.91	9.11	8.00	16.8	2.554	98.8	3.1	0.7
1024	12/4/2016 0:51	11.11	43.63	28.04	9.12	8.00	19.2	2.664	99.0	3.2	0.8
1025	12/4/2016 1:06	11.11	43.83	28.18	9.11	8.01	19.8	2.715	99.0	2.8	0.7
1026	12/4/2016 1:21	11.13	44.11	28.38	9.09	8.01	19.3	2.785	99.0	2.6	0.6
1027	12/4/2016 1:36	11.12	44.22	28.46	9.07	8.01	17.2	2.897	98.7	3.0	0.7
1028	12/4/2016 1:51	11.11	44.43	28.61	9.08	8.01	18.1	2.943	98.9	2.5	0.6
1029	12/4/2016 2:06	11.12	44.68	28.78	9.08	8.01	18.7	2.982	99.0	2.9	0.7
1030	12/4/2016 2:21	11.15	45.11	29.09	9.04	8.01	19.2	3.060	98.9	3.1	0.7
1031	12/4/2016 2:36	11.22	45.61	29.46	9.06	8.02	19.4	3.104	99.5	2.7	0.6
1032	12/4/2016 2:51	11.27	45.96	29.70	9.08	8.02	17.7	3.144	99.9	2.0	0.5
1033	12/4/2016 3:06	11.34	46.28	29.94	9.16	8.02	14.1	3.205	101.2	2.1	0.5
1034	12/4/2016 3:21	11.36	46.42	30.04	9.23	8.02	13.3	3.205	102.0	2.1	0.5
1035	12/4/2016 3:36	11.33	46.27	29.93	9.18	8.02	11.0	3.222	101.3	2.7	0.6
1036	12/4/2016 3:51	11.36	46.44	30.05	9.19	8.02	14.2	3.213	101.6	2.2	0.5
1037	12/4/2016 4:06	11.37	46.44	30.06	9.20	8.02	12.0	3.186	101.7	1.9	0.5
1038	12/4/2016 4:21	11.33	46.20	29.88	9.15	8.02	11.8	3.139	101.0	1.8	0.4
1039	12/4/2016 4:36	11.23	45.77	29.56	9.09	8.02	11.2	3.077	99.9	2.3	0.5
1040	12/4/2016 4:51	11.11	45.15	29.12	9.01	8.01	13.4	3.041	98.6	3.2	0.8
1041	12/4/2016 5:06	10.99	44.68	28.78	8.99	8.01	13.4	2.993	97.8	2.1	0.5
1042	12/4/2016 5:21	10.99	44.40	28.58	8.96	8.00	17.1	2.938	97.3	3.2	0.8
1043	12/4/2016 5:36	10.72	43.65	28.03	8.97	8.00	10.9	2.900	96.6	2.9	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	Fluorescence %FS
1044	12/4/2016 5:51	10.78	43.59	27.99	8.95	8.00	10.1	2.826	96.5	2.7	0.6
1045	12/4/2016 6:06	10.78	43.44	27.89	8.90	7.99	9.9	2.780	95.9	2.4	0.6
1046	12/4/2016 6:21	10.71	43.33	27.81	8.90	7.99	8.9	2.748	95.7	1.8	0.4
1047	12/4/2016 6:36	10.69	43.24	27.74	8.91	7.99	8.6	2.720	95.7	2.4	0.6
1048	12/4/2016 6:51	10.61	43.08	27.62	8.97	8.00	9.0	2.632	96.1	2.8	0.7
1049	12/4/2016 7:06	10.62	43.03	27.58	8.99	7.99	8.7	2.577	96.3	2.1	0.5
1050	12/4/2016 7:21	10.62	43.04	27.59	8.95	7.99	8.7	2.551	95.9	2.4	0.6
1051	12/4/2016 7:36	10.58	42.97	27.54	8.93	7.99	9.0	2.529	95.5	2.3	0.5
1052	12/4/2016 7:51	10.55	43.17	27.68	8.92	7.99	8.0	2.483	95.5	2.8	0.7
1053	12/4/2016 8:06	10.53	42.91	27.50	8.94	7.99	7.6	2.465	95.5	2.7	0.6
1054	12/4/2016 8:21	10.57	42.63	27.30	8.98	7.99	8.6	2.431	95.9	2.6	0.6
1055	12/4/2016 8:36	10.56	42.66	27.32	8.96	7.99	7.9	2.438	95.7	2.5	0.6
1056	12/4/2016 8:51	10.59	43.00	27.56	8.92	8.00	8.1	2.438	95.4	2.3	0.5
1057	12/4/2016 9:06	10.57	42.88	27.48	8.94	8.00	8.4	2.480	95.6	2.2	0.5
1058	12/4/2016 9:21	10.72	43.23	27.73	8.92	8.00	9.3	2.501	95.9	2.3	0.6
1059	12/4/2016 9:36	10.67	43.11	27.65	8.90	8.00	9.5	2.545	95.5	2.2	0.5
1060	12/4/2016 9:51	10.71	43.11	27.65	8.95	8.00	9.2	2.584	96.1	2.5	0.6
1061	12/4/2016 10:06	10.76	43.41	27.86	8.97	8.00	13.1	2.637	96.6	2.7	0.6
1062	12/4/2016 10:21	10.92	44.15	28.39	9.00	8.01	11.7	2.692	97.5	2.3	0.5
1063	12/4/2016 10:36	10.94	44.19	28.43	9.03	8.01	9.2	2.755	97.9	1.9	0.5
1064	12/4/2016 10:51	10.94	44.16	28.41	9.06	8.01	8.6	2.816	98.3	1.7	0.4
1065	12/4/2016 11:06	10.96	44.32	28.52	9.06	8.01	8.7	2.873	98.4	1.8	0.4
1066	12/4/2016 11:21	10.98	44.49	28.64	9.12	8.01	8.6	2.927	99.1	1.8	0.4
1067	12/4/2016 11:36	11.01	44.66	28.77	9.13	8.01	8.7	2.973	99.3	2.2	0.5
1068	12/4/2016 11:51	11.17	45.59	29.43	9.21	8.02	8.7	3.042	101.0	2.1	0.5
1069	12/4/2016 12:06	11.30	46.46	30.06	9.24	8.03	10.0	3.117	102.1	1.6	0.4
1070	12/4/2016 12:21	11.34	46.80	30.31	9.27	8.03	9.6	3.146	102.6	1.6	0.4
1071	12/4/2016 12:36	11.33	46.61	30.18	9.30	8.02	8.5	3.194	102.9	2.1	0.5
1072	12/4/2016 12:51	11.39	47.11	30.54	9.31	8.03	8.9	3.255	103.3	1.3	0.3
1073	12/4/2016 13:06	11.37	46.98	30.44	9.32	8.02	7.9	3.309	103.3	1.4	0.3
1074	12/4/2016 13:21	11.43	47.38	30.74	9.33	8.02	7.8	3.353	103.7	2.1	0.5
1075	12/4/2016 13:36	11.44	47.48	30.81	9.31	8.03	7.8	3.386	103.6	1.6	0.4
1076	12/4/2016 13:51	11.44	47.46	30.79	9.35	8.02	7.2	3.420	104.1	1.4	0.3
1077	12/4/2016 14:06	11.44	47.40	30.75	9.30	8.02	6.5	3.428	103.4	2.0	0.5
1078	12/4/2016 14:21	11.44	47.48	30.80	9.23	8.02	6.9	3.418	102.7	1.5	0.4
1079	12/4/2016 14:36	11.44	47.48	30.81	9.25	8.02	7.7	3.431	103.0	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
1080	12/4/2016 14:51	11.41	47.34	30.70	9.27	8.03	7.6	3.383	103.0	1.7	0.4
1081	12/4/2016 15:06	11.38	46.83	30.33	9.21	8.03	8.2	3.348	102.0	1.3	0.3
1082	12/4/2016 15:21	11.30	45.80	29.59	9.20	8.02	8.7	3.291	101.2	2.0	0.5
1083	12/4/2016 15:36	11.28	45.59	29.44	9.23	8.02	8.9	3.228	101.5	2.2	0.5
1084	12/4/2016 15:51	11.24	45.28	29.22	9.21	8.02	8.6	3.182	101.0	2.3	0.6
1085	12/4/2016 16:06	11.23	44.92	28.96	9.21	8.01	9.0	3.085	100.8	2.6	0.6
1086	12/4/2016 16:21	11.22	45.02	29.03	9.20	8.02	8.9	3.006	100.8	2.5	0.6
1087	12/4/2016 16:36	11.19	44.67	28.78	9.22	8.02	8.1	2.914	100.8	2.3	0.5
1088	12/4/2016 16:51	11.21	44.75	28.84	9.23	8.01	7.0	2.841	101.0	2.5	0.6
1089	12/4/2016 17:06	11.19	44.94	28.97	9.17	8.02	12.5	2.727	100.3	2.3	0.6
1090	12/4/2016 17:21	11.17	44.60	28.73	9.18	8.02	18.6	2.648	100.3	2.8	0.7
1091	12/4/2016 17:36	11.07	44.21	28.45	9.18	8.02	25.2	2.562	99.8	3.3	0.8
1092	12/4/2016 17:51	11.05	44.19	28.43	9.21	8.02	29.1	2.449	100.1	3.4	0.8
1093	12/4/2016 18:06	10.96	43.61	28.02	9.22	8.01	35.6	2.347	99.7	3.7	0.9
1094	12/4/2016 18:21	10.92	43.31	27.80	9.23	8.01	38.8	2.224	99.7	4.6	1.1
1095	12/4/2016 18:36	10.85	42.74	27.39	9.23	8.00	52.3	2.112	99.3	4.5	1.1
1096	12/4/2016 18:51	10.82	42.63	27.32	9.24	8.00	54.0	2.005	99.2	4.7	1.1
1097	12/4/2016 19:06	10.78	42.49	27.21	9.23	8.00	49.0	1.908	98.9	4.8	1.1
1098	12/4/2016 19:21	10.74	42.14	26.96	9.22	7.99	46.0	1.789	98.6	4.8	1.1
1099	12/4/2016 19:36	10.70	41.99	26.86	9.26	7.99	44.4	1.696	98.9	4.6	1.1
1100	12/4/2016 19:51	10.68	41.94	26.82	9.23	7.99	44.0	1.622	98.5	4.8	1.1
1101	12/4/2016 20:06	10.66	41.84	26.75	9.20	7.99	41.8	1.541	98.1	4.7	1.1
1102	12/4/2016 20:21	10.64	41.70	26.65	9.24	7.99	39.0	1.473	98.5	4.4	1.0
1103	12/4/2016 20:36	10.63	41.64	26.61	9.21	7.98	33.8	1.438	98.1	4.3	1.0
1104	12/4/2016 20:51	10.61	41.63	26.60	9.22	7.98	29.3	1.398	98.1	4.2	1.0
1105	12/4/2016 21:06	10.63	41.72	26.66	9.16	7.97	26.3	1.371	97.6	4.3	1.0
1106	12/4/2016 21:21	10.70	41.99	26.86	9.21	7.98	25.8	1.396	98.4	3.9	0.9
1107	12/4/2016 21:36	10.65	41.86	26.76	9.23	7.99	26.3	1.446	98.4	4.1	1.0
1108	12/4/2016 21:51	10.64	41.75	26.68	9.27	7.99	25.5	1.489	98.8	3.8	0.9
1109	12/4/2016 22:06	10.65	41.74	26.68	9.25	7.99	27.6	1.559	98.6	4.3	1.0
1110	12/4/2016 22:21	10.67	41.87	26.77	9.24	7.99	28.3	1.612	98.6	4.7	1.1
1111	12/4/2016 22:36	10.59	41.49	26.50	9.24	7.99	23.9	1.693	98.2	4.4	1.0
1112	12/4/2016 22:51	10.62	41.54	26.53	9.22	7.99	22.7	1.759	98.1	3.7	0.9
1113	12/4/2016 23:06	10.65	41.67	26.62	9.22	7.98	20.9	1.829	98.2	3.3	0.8
1114	12/4/2016 23:21	10.69	41.83	26.74	9.17	7.97	21.2	1.910	97.8	4.0	1.0
1115	12/4/2016 23:36	10.74	42.10	26.94	9.19	7.98	20.5	2.003	98.3	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1116	12/4/2016 23:51	10.80	42.47	27.20	9.19	7.99	19.6	2.088	98.5	3.5	0.8
1117	12/5/2016 0:06	10.83	42.71	27.37	9.19	7.99	17.3	2.155	98.7	3.4	0.8
1118	12/5/2016 0:21	10.86	42.98	27.56	9.16	8.00	16.6	2.222	98.6	3.2	0.8
1119	12/5/2016 0:36	10.93	43.38	27.85	9.18	8.01	16.6	2.310	99.1	3.0	0.7
1120	12/5/2016 0:51	10.99	43.73	28.10	9.15	8.00	16.1	2.406	99.1	2.9	0.7
1121	12/5/2016 1:06	11.01	43.90	28.23	9.18	8.00	20.2	2.476	99.6	2.8	0.7
1122	12/5/2016 1:21	10.99	43.95	28.26	9.20	8.01	17.7	2.564	99.7	3.4	0.8
1123	12/5/2016 1:36	10.97	44.07	28.34	9.22	8.01	17.8	2.656	100.0	3.4	0.8
1124	12/5/2016 1:51	10.96	44.30	28.51	9.24	8.01	28.0	2.713	100.3	3.3	0.8
1125	12/5/2016 2:06	10.97	44.46	28.62	9.24	8.01	22.5	2.797	100.4	3.1	0.7
1126	12/5/2016 2:21	10.97	44.61	28.72	9.25	8.01	18.0	2.859	100.5	3.1	0.7
1127	12/5/2016 2:36	11.02	44.83	28.89	9.25	8.01	18.9	2.924	100.8	3.0	0.7
1128	12/5/2016 2:51	11.05	45.07	29.06	9.23	8.02	18.8	3.003	100.8	2.2	0.5
1129	12/5/2016 3:06	11.08	45.56	29.41	9.28	8.02	24.2	3.049	101.6	2.6	0.6
1130	12/5/2016 3:21	11.10	45.96	29.69	9.32	8.02	22.2	3.116	102.3	2.9	0.7
1131	12/5/2016 3:36	11.13	46.30	29.95	9.40	8.02	18.8	3.146	103.4	2.1	0.5
1132	12/5/2016 3:51	11.16	46.54	30.11	9.39	8.03	13.8	3.169	103.4	2.3	0.6
1133	12/5/2016 4:06	11.20	46.79	30.30	9.43	8.03	12.7	3.207	104.1	2.3	0.5
1134	12/5/2016 4:21	11.21	46.84	30.34	9.38	8.04	9.7	3.199	103.5	1.7	0.4
1135	12/5/2016 4:36	11.23	46.87	30.35	9.37	8.03	9.9	3.217	103.5	2.3	0.5
1136	12/5/2016 4:51	11.21	46.73	30.26	9.38	8.03	10.3	3.187	103.6	2.1	0.5
1137	12/5/2016 5:06	11.13	46.39	30.01	9.37	8.03	10.1	3.173	103.1	2.7	0.6
1138	12/5/2016 5:21	11.17	46.53	30.11	9.33	8.03	11.3	3.131	102.7	2.3	0.5
1139	12/5/2016 5:36	10.96	45.76	29.55	9.34	8.02	13.0	3.077	102.1	2.0	0.5
1140	12/5/2016 5:51	10.96	45.69	29.49	9.23	7.98	12.8	3.043	100.8	2.1	0.5
1141	12/5/2016 6:06	10.78	44.92	28.94	9.18	7.98	16.5	2.984	99.6	2.9	0.7
1142	12/5/2016 6:21	10.71	44.57	28.69	9.10	7.97	17.4	2.922	98.4	2.5	0.6
1143	12/5/2016 6:36	10.65	44.38	28.55	9.09	7.97	12.5	2.877	98.1	2.5	0.6
1144	12/5/2016 6:51	10.53	43.97	28.25	8.99	7.97	12.0	2.787	96.5	2.8	0.7
1145	12/5/2016 7:06	10.39	43.87	28.17	8.89	7.95	10.4	2.752	95.1	2.1	0.5
1146	12/5/2016 7:21	10.34	43.76	28.09	8.94	7.96	10.1	2.721	95.4	2.7	0.6
1147	12/5/2016 7:36	10.26	43.64	28.00	9.06	7.98	9.9	2.637	96.6	2.6	0.6
1148	12/5/2016 7:51	10.13	43.57	27.95	9.09	7.98	10.3	2.575	96.5	2.6	0.6
1149	12/5/2016 8:06	10.07	43.45	27.86	9.12	7.98	10.5	2.556	96.7	2.7	0.6
1150	12/5/2016 8:21	9.97	43.66	28.00	9.07	7.97	9.6	2.532	96.0	2.8	0.7
1151	12/5/2016 8:36	10.00	43.65	27.99	9.08	7.98	9.8	2.479	96.2	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
1152	12/5/2016 8:51	10.11	43.34	27.78	9.12	7.98	10.2	2.431	96.8	2.1	0.5
1153	12/5/2016 9:06	10.17	43.20	27.69	9.06	7.97	9.5	2.439	96.1	2.6	0.6
1154	12/5/2016 9:21	10.11	43.11	27.62	9.09	7.97	9.8	2.417	96.3	2.5	0.6
1155	12/5/2016 9:36	10.14	43.09	27.61	9.05	7.97	9.6	2.386	95.9	2.7	0.6
1156	12/5/2016 9:51	10.11	43.25	27.72	9.10	7.98	9.5	2.431	96.5	2.4	0.6
1157	12/5/2016 10:06	10.23	43.59	27.96	9.08	7.98	9.5	2.457	96.7	2.6	0.6
1158	12/5/2016 10:21	10.30	43.53	27.92	9.08	7.97	9.7	2.462	96.8	2.4	0.6
1159	12/5/2016 10:36	10.41	43.72	28.07	9.10	7.98	10.1	2.485	97.3	2.3	0.5
1160	12/5/2016 10:51	10.55	44.11	28.35	9.10	7.98	9.9	2.533	97.8	2.0	0.5
1161	12/5/2016 11:06	10.39	43.64	28.01	9.10	7.97	10.3	2.598	97.3	2.9	0.7
1162	12/5/2016 11:21	10.47	43.85	28.16	9.15	7.97	11.2	2.637	98.1	2.7	0.6
1163	12/5/2016 11:36	10.62	44.34	28.52	9.15	7.96	9.5	2.689	98.6	2.4	0.6
1164	12/5/2016 11:51	10.69	44.54	28.66	9.19	7.98	8.3	2.744	99.2	2.1	0.5
1165	12/5/2016 12:06	10.72	44.62	28.72	9.22	7.98	7.8	2.781	99.7	2.4	0.6
1166	12/5/2016 12:21	10.74	44.75	28.82	9.26	7.98	8.3	2.852	100.3	2.5	0.6
1167	12/5/2016 12:36	10.72	44.68	28.76	9.29	7.98	7.6	2.902	100.4	2.2	0.5
1168	12/5/2016 12:51	10.85	45.32	29.23	9.27	7.98	8.3	2.949	100.8	2.1	0.5
1169	12/5/2016 13:06	11.02	46.09	29.79	9.30	8.00	8.0	3.003	101.9	2.3	0.5
1170	12/5/2016 13:21	11.08	46.42	30.03	9.30	8.01	8.4	3.060	102.2	1.7	0.4
1171	12/5/2016 13:36	11.11	46.60	30.16	9.34	8.01	8.3	3.085	102.8	1.8	0.4
1172	12/5/2016 13:51	11.09	46.48	30.07	9.31	8.01	7.5	3.128	102.4	1.7	0.4
1173	12/5/2016 14:06	11.09	46.39	30.01	9.34	8.00	7.5	3.185	102.6	2.1	0.5
1174	12/5/2016 14:21	11.15	46.84	30.33	9.38	8.00	7.7	3.240	103.4	1.6	0.4
1175	12/5/2016 14:36	11.12	46.57	30.14	9.39	8.00	7.0	3.235	103.4	1.9	0.4
1176	12/5/2016 14:51	11.12	46.47	30.06	9.30	8.00	6.1	3.273	102.3	2.2	0.5
1177	12/5/2016 15:06	11.11	46.45	30.05	9.33	8.00	7.0	3.287	102.6	2.0	0.5
1178	12/5/2016 15:21	11.08	46.28	29.92	9.30	8.00	6.4	3.259	102.1	1.7	0.4
1179	12/5/2016 15:36	11.05	45.90	29.65	9.36	8.00	6.2	3.253	102.5	2.0	0.5
1180	12/5/2016 15:51	11.05	46.29	29.93	9.25	8.00	8.5	3.186	101.5	1.8	0.4
1181	12/5/2016 16:06	10.99	45.54	29.39	9.33	7.99	8.1	3.144	101.9	2.5	0.6
1182	12/5/2016 16:21	10.95	45.27	29.20	9.37	7.99	8.6	3.102	102.2	2.3	0.5
1183	12/5/2016 16:36	10.85	45.17	29.12	9.39	7.99	8.3	3.052	102.0	2.9	0.7
1184	12/5/2016 16:51	10.88	45.36	29.25	9.35	8.00	9.8	2.969	101.8	2.6	0.6
1185	12/5/2016 17:06	10.79	45.01	29.00	9.35	8.00	10.9	2.907	101.5	2.5	0.6
1186	12/5/2016 17:21	10.68	44.95	28.96	9.42	8.01	7.8	2.833	101.9	3.2	0.8
1187	12/5/2016 17:36	10.65	44.85	28.88	9.40	8.00	7.8	2.772	101.6	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
1188	12/5/2016 17:51	10.62	44.60	28.70	9.46	8.02	8.0	2.668	102.1	2.7	0.6
1189	12/5/2016 18:06	10.54	44.38	28.54	9.43	8.01	10.0	2.576	101.4	2.5	0.6
1190	12/5/2016 18:21	10.51	44.05	28.31	9.44	7.99	10.0	2.506	101.3	2.7	0.6
1191	12/5/2016 18:36	10.45	43.74	28.08	9.42	8.00	12.0	2.434	100.9	2.6	0.6
1192	12/5/2016 18:51	10.39	43.48	27.89	9.42	8.01	13.0	2.325	100.6	2.9	0.7
1193	12/5/2016 19:06	10.29	43.09	27.61	9.47	8.00	13.7	2.219	100.7	3.0	0.7
1194	12/5/2016 19:21	10.18	43.02	27.56	9.42	8.00	12.6	2.121	99.9	2.7	0.6
1195	12/5/2016 19:36	10.10	42.94	27.50	9.44	8.01	11.5	2.019	99.9	3.2	0.8
1196	12/5/2016 19:51	10.08	42.67	27.30	9.47	8.01	12.2	1.938	100.0	2.9	0.7
1197	12/5/2016 20:06	10.02	42.67	27.30	9.47	8.00	12.1	1.841	99.9	3.4	0.8
1198	12/5/2016 20:21	9.89	42.48	27.16	9.51	8.00	12.2	1.737	99.9	3.0	0.7
1199	12/5/2016 20:36	9.88	42.37	27.08	9.51	8.01	12.8	1.697	99.9	3.3	0.8
1200	12/5/2016 20:51	9.86	42.25	26.99	9.50	8.02	13.0	1.627	99.7	3.4	0.8
1201	12/5/2016 21:06	9.83	42.18	26.94	9.51	8.01	13.0	1.575	99.7	3.6	0.8
1202	12/5/2016 21:21	9.92	42.14	26.92	9.43	8.01	10.5	1.543	99.0	3.5	0.8
1203	12/5/2016 21:36	9.87	42.19	26.96	9.43	8.00	11.7	1.537	99.0	3.2	0.8
1204	12/5/2016 21:51	9.95	42.26	27.01	9.46	7.99	11.9	1.521	99.5	2.7	0.6
1205	12/5/2016 22:06	9.93	42.22	26.98	9.54	8.01	10.3	1.528	100.3	3.4	0.8
1206	12/5/2016 22:21	10.01	42.36	27.08	9.46	7.99	10.4	1.563	99.7	3.7	0.9
1207	12/5/2016 22:36	10.05	42.38	27.10	9.43	8.00	11.1	1.591	99.4	3.9	0.9
1208	12/5/2016 22:51	10.06	42.45	27.15	9.43	8.00	9.9	1.668	99.5	2.8	0.7
1209	12/5/2016 23:06	9.99	42.23	26.99	9.44	8.01	9.8	1.720	99.4	3.1	0.7
1210	12/5/2016 23:21	10.07	42.31	27.05	9.42	8.00	9.7	1.760	99.4	3.2	0.8
1211	12/5/2016 23:36	10.12	42.43	27.13	9.38	8.00	9.5	1.846	99.1	3.6	0.9
1212	12/5/2016 23:51	10.16	42.51	27.19	9.40	8.00	9.5	1.908	99.4	3.1	0.7
1213	12/6/2016 0:06	10.22	42.62	27.28	9.37	8.00	9.7	1.983	99.3	2.9	0.7
1214	12/6/2016 0:21	10.20	42.39	27.11	9.40	7.99	10.0	2.039	99.5	3.4	0.8
1215	12/6/2016 0:36	10.29	42.72	27.35	9.35	7.99	10.0	2.133	99.3	2.7	0.6
1216	12/6/2016 0:51	10.40	43.27	27.75	9.33	8.00	9.9	2.194	99.6	3.1	0.7
1217	12/6/2016 1:06	10.55	43.95	28.24	9.26	7.99	10.4	2.274	99.5	3.1	0.7
1218	12/6/2016 1:21	10.60	44.20	28.41	9.30	7.99	10.6	2.342	100.1	2.6	0.6
1219	12/6/2016 1:36	10.65	44.38	28.55	9.27	7.98	10.9	2.432	100.0	2.8	0.7
1220	12/6/2016 1:51	10.64	44.33	28.51	9.30	7.99	10.7	2.544	100.2	2.9	0.7
1221	12/6/2016 2:06	10.70	44.74	28.80	9.30	7.99	12.0	2.598	100.5	2.6	0.6
1222	12/6/2016 2:21	10.75	44.98	28.98	9.33	8.00	13.4	2.675	101.1	3.3	0.8
1223	12/6/2016 2:36	10.75	45.09	29.06	9.34	8.00	13.1	2.757	101.2	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
1224	12/6/2016 2:51	10.76	45.22	29.15	9.34	8.00	13.2	2.831	101.3	2.5	0.6
1225	12/6/2016 3:06	10.77	45.34	29.24	9.34	7.99	14.1	2.906	101.5	2.4	0.6
1226	12/6/2016 3:21	10.79	45.53	29.38	9.34	8.01	14.5	2.982	101.6	3.0	0.7
1227	12/6/2016 3:36	10.80	45.74	29.52	9.34	8.01	14.8	3.041	101.7	2.6	0.6
1228	12/6/2016 3:51	10.79	46.02	29.72	9.32	8.01	15.2	3.121	101.5	2.4	0.6
1229	12/6/2016 4:06	10.82	46.38	29.99	9.34	8.01	13.8	3.163	102.1	2.4	0.6
1230	12/6/2016 4:21	10.85	46.69	30.21	9.36	8.01	13.2	3.213	102.4	2.0	0.5
1231	12/6/2016 4:36	10.86	46.90	30.36	9.35	8.01	11.8	3.238	102.5	2.3	0.6
1232	12/6/2016 4:51	10.87	47.02	30.45	9.39	8.01	9.9	3.291	103.0	2.1	0.5
1233	12/6/2016 5:06	10.88	47.10	30.50	9.35	8.01	8.5	3.305	102.6	2.4	0.6
1234	12/6/2016 5:21	10.88	47.06	30.48	9.29	8.01	8.2	3.296	101.9	2.6	0.6
1235	12/6/2016 5:36	10.89	47.15	30.54	9.35	8.00	9.8	3.299	102.7	2.2	0.5
1236	12/6/2016 5:51	10.82	46.80	30.29	9.33	8.00	9.5	3.264	102.1	2.4	0.6
1237	12/6/2016 6:06	10.69	46.27	29.90	9.33	8.00	10.1	3.211	101.6	2.3	0.5
1238	12/6/2016 6:21	10.49	45.49	29.33	9.34	7.99	8.6	3.159	100.9	1.9	0.4
1239	12/6/2016 6:36	10.56	45.57	29.39	9.29	8.00	10.5	3.122	100.6	2.0	0.5
1240	12/6/2016 6:51	10.71	45.79	29.55	9.27	8.00	12.4	3.034	100.8	2.4	0.6
1241	12/6/2016 7:06	10.77	45.94	29.66	9.28	8.00	11.7	2.984	101.1	2.4	0.6
1242	12/6/2016 7:21	10.65	45.53	29.37	9.24	7.99	10.3	2.914	100.2	2.6	0.6
1243	12/6/2016 7:36	10.44	44.84	28.86	9.18	7.99	10.1	2.867	98.7	2.2	0.5
1244	12/6/2016 7:51	10.24	44.58	28.67	9.12	7.98	14.4	2.813	97.6	2.4	0.6
1245	12/6/2016 8:06	10.17	44.30	28.47	9.27	7.99	11.6	2.753	98.9	2.7	0.6
1246	12/6/2016 8:21	10.19	44.39	28.53	9.28	7.99	9.8	2.687	99.1	2.9	0.7
1247	12/6/2016 8:36	10.11	44.14	28.34	9.31	7.99	9.2	2.640	99.1	2.3	0.5
1248	12/6/2016 8:51	10.05	43.93	28.19	9.33	7.98	8.4	2.595	99.0	2.6	0.6
1249	12/6/2016 9:06	10.06	43.91	28.18	9.28	7.99	8.0	2.561	98.5	2.5	0.6
1250	12/6/2016 9:21	10.00	43.91	28.18	9.28	7.98	8.6	2.508	98.4	2.4	0.6
1251	12/6/2016 9:36	10.05	43.99	28.24	9.29	7.99	8.7	2.452	98.7	2.4	0.6
1252	12/6/2016 9:51	10.04	44.02	28.26	9.28	8.00	8.3	2.428	98.6	2.1	0.5
1253	12/6/2016 10:06	10.05	43.68	28.02	9.29	7.99	7.3	2.414	98.5	2.5	0.6
1254	12/6/2016 10:21	10.08	43.55	27.93	9.26	7.98	7.3	2.379	98.2	2.3	0.6
1255	12/6/2016 10:36	10.06	43.33	27.77	9.21	7.99	6.8	2.357	97.6	2.2	0.5
1256	12/6/2016 10:51	10.05	43.45	27.86	9.21	7.98	7.6	2.362	97.6	2.2	0.5
1257	12/6/2016 11:06	10.05	43.76	28.07	9.24	7.98	8.0	2.375	98.0	2.0	0.5
1258	12/6/2016 11:21	10.13	43.93	28.20	9.22	7.98	8.4	2.367	98.1	2.4	0.6
1259	12/6/2016 11:36	10.08	43.51	27.90	9.33	7.98	7.5	2.398	98.9	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
1260	12/6/2016 11:51	10.23	44.01	28.26	9.21	7.99	8.1	2.439	98.2	2.0	0.5
1261	12/6/2016 12:06	10.22	43.93	28.20	9.27	7.97	8.8	2.485	98.8	2.3	0.6
1262	12/6/2016 12:21	10.15	43.58	27.95	9.31	7.98	8.4	2.542	98.9	2.8	0.7
1263	12/6/2016 12:36	10.24	43.92	28.20	9.28	7.98	8.6	2.573	99.0	2.3	0.5
1264	12/6/2016 12:51	10.32	44.27	28.45	9.27	7.99	8.4	2.642	99.2	2.1	0.5
1265	12/6/2016 13:06	10.45	44.80	28.83	9.27	7.99	7.9	2.685	99.8	2.7	0.6
1266	12/6/2016 13:21	10.43	44.62	28.70	9.28	8.00	7.6	2.745	99.8	2.4	0.6
1267	12/6/2016 13:36	10.46	44.78	28.82	9.31	7.99	7.6	2.791	100.2	2.4	0.6
1268	12/6/2016 13:51	10.51	45.06	29.03	9.29	8.00	7.5	2.834	100.2	2.7	0.6
1269	12/6/2016 14:06	10.54	45.20	29.13	9.30	8.00	7.6	2.881	100.4	1.9	0.5
1270	12/6/2016 14:21	10.61	45.41	29.28	9.30	7.99	6.8	2.940	100.7	1.9	0.4
1271	12/6/2016 14:36	10.70	46.11	29.78	9.28	8.00	7.2	2.975	100.9	2.3	0.5
1272	12/6/2016 14:51	10.71	46.16	29.82	9.27	8.01	6.8	3.013	100.9	1.6	0.4
1273	12/6/2016 15:06	10.71	46.19	29.84	9.25	7.99	6.7	3.060	100.8	1.5	0.4
1274	12/6/2016 15:21	10.71	46.12	29.79	9.26	8.00	6.8	3.083	100.8	2.3	0.5
1275	12/6/2016 15:36	10.73	46.31	29.93	9.23	7.99	6.1	3.110	100.6	1.6	0.4
1276	12/6/2016 15:51	10.69	45.88	29.62	9.33	7.99	5.6	3.120	101.4	2.1	0.5
1277	12/6/2016 16:06	10.69	45.70	29.49	9.31	8.01	5.6	3.143	101.1	1.6	0.4
1278	12/6/2016 16:21	10.70	45.95	29.67	9.22	8.00	5.7	3.135	100.2	1.8	0.4
1279	12/6/2016 16:36	10.68	45.61	29.42	9.29	8.01	5.9	3.131	100.8	2.6	0.6
1280	12/6/2016 16:51	10.70	46.21	29.85	9.16	7.99	8.4	3.104	99.7	1.8	0.4
1281	12/6/2016 17:06	10.61	45.39	29.27	9.30	8.00	7.1	3.056	100.7	2.1	0.5
1282	12/6/2016 17:21	10.45	44.88	28.90	9.39	8.01	8.8	3.015	101.0	2.9	0.7
1283	12/6/2016 17:36	10.40	44.99	28.97	9.32	8.00	8.7	2.967	100.3	2.9	0.7
1284	12/6/2016 17:51	10.34	44.77	28.81	9.46	8.00	8.9	2.909	101.5	3.0	0.7
1285	12/6/2016 18:06	10.31	44.92	28.91	9.44	8.01	7.9	2.841	101.3	2.9	0.7
1286	12/6/2016 18:21	10.27	44.88	28.88	9.42	8.01	7.2	2.767	100.9	2.7	0.6
1287	12/6/2016 18:36	10.25	44.69	28.75	9.47	8.02	7.0	2.700	101.3	2.7	0.6
1288	12/6/2016 18:51	10.24	44.54	28.64	9.48	8.01	7.5	2.625	101.3	2.6	0.6
1289	12/6/2016 19:06	10.14	44.48	28.59	9.42	8.03	7.1	2.544	100.5	3.2	0.8
1290	12/6/2016 19:21	10.09	44.18	28.37	9.40	8.02	10.3	2.456	100.1	2.7	0.6
1291	12/6/2016 19:36	10.00	43.80	28.10	9.48	8.03	8.4	2.370	100.5	2.7	0.6
1292	12/6/2016 19:51	9.96	43.54	27.92	9.52	8.03	8.2	2.290	100.7	2.4	0.6
1293	12/6/2016 20:06	9.92	43.30	27.74	9.56	8.03	7.9	2.196	100.9	2.7	0.6
1294	12/6/2016 20:21	9.79	43.32	27.75	9.58	8.03	9.0	2.086	100.8	2.8	0.7
1295	12/6/2016 20:36	9.74	43.10	27.59	9.61	8.03	8.8	2.022	101.0	2.7	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	Fluorescence %FS
1296	12/6/2016 20:51	9.63	43.01	27.52	9.62	8.03	8.4	1.925	100.8	3.1	0.7
1297	12/6/2016 21:06	9.49	42.92	27.45	9.64	8.04	8.7	1.852	100.7	2.9	0.7
1298	12/6/2016 21:21	9.42	42.77	27.34	9.66	8.03	8.4	1.776	100.6	3.3	0.8
1299	12/6/2016 21:36	9.46	42.67	27.27	9.70	8.04	10.1	1.709	101.1	3.0	0.7
1300	12/6/2016 21:51	9.50	42.61	27.23	9.65	8.03	9.9	1.645	100.7	3.1	0.7
1301	12/6/2016 22:06	9.53	42.54	27.18	9.65	8.02	8.9	1.624	100.6	3.0	0.7
1302	12/6/2016 22:21	9.45	42.52	27.17	9.68	8.03	8.1	1.589	100.8	3.3	0.8
1303	12/6/2016 22:36	9.51	42.61	27.23	9.59	8.02	7.0	1.562	100.0	3.2	0.8
1304	12/6/2016 22:51	9.33	42.43	27.10	9.68	8.04	9.1	1.573	100.5	3.0	0.7
1305	12/6/2016 23:06	9.38	42.60	27.22	9.71	8.03	7.9	1.602	101.0	3.1	0.7
1306	12/6/2016 23:21	9.65	42.81	27.38	9.57	8.02	8.0	1.625	100.2	3.1	0.7
1307	12/6/2016 23:36	9.64	42.80	27.38	9.61	8.01	7.6	1.666	100.6	3.0	0.7
1308	12/6/2016 23:51	9.67	42.85	27.41	9.57	8.01	8.1	1.724	100.2	3.0	0.7
1309	12/7/2016 0:06	9.58	42.54	27.19	9.58	8.01	7.4	1.796	100.0	3.1	0.7
1310	12/7/2016 0:21	9.68	42.49	27.16	9.59	8.01	7.6	1.839	100.3	2.6	0.6
1311	12/7/2016 0:36	9.76	42.64	27.27	9.53	8.01	7.6	1.914	100.0	2.7	0.6
1312	12/7/2016 0:51	9.85	42.89	27.45	9.48	8.00	8.0	1.991	99.8	3.0	0.7
1313	12/7/2016 1:06	9.93	43.08	27.58	9.46	8.01	7.5	2.061	99.8	2.4	0.6
1314	12/7/2016 1:21	9.86	42.65	27.28	9.48	7.99	7.5	2.129	99.7	3.0	0.7
1315	12/7/2016 1:36	10.01	43.30	27.75	9.43	7.99	8.1	2.192	99.8	2.3	0.5
1316	12/7/2016 1:51	10.09	43.70	28.04	9.37	8.00	8.0	2.299	99.5	2.9	0.7
1317	12/7/2016 2:06	10.22	44.23	28.42	9.34	8.00	9.1	2.361	99.7	2.9	0.7
1318	12/7/2016 2:21	10.25	44.33	28.49	9.32	8.01	9.3	2.446	99.6	2.6	0.6
1319	12/7/2016 2:36	10.24	44.39	28.54	9.36	8.01	9.1	2.532	100.1	2.3	0.5
1320	12/7/2016 2:51	10.32	44.75	28.79	9.35	8.01	9.3	2.601	100.2	2.8	0.7
1321	12/7/2016 3:06	10.33	45.00	28.97	9.34	8.01	10.1	2.684	100.3	2.8	0.7
1322	12/7/2016 3:21	10.33	45.24	29.14	9.33	8.02	12.8	2.753	100.3	2.4	0.6
1323	12/7/2016 3:36	10.38	45.40	29.26	9.28	8.01	12.0	2.830	100.0	2.5	0.6
1324	12/7/2016 3:51	10.42	45.61	29.41	9.29	8.02	12.9	2.904	100.2	2.5	0.6
1325	12/7/2016 4:06	10.38	45.70	29.47	9.27	8.02	13.0	2.989	100.0	2.6	0.6
1326	12/7/2016 4:21	10.38	45.88	29.60	9.25	8.02	14.0	3.059	99.9	2.7	0.7
1327	12/7/2016 4:36	10.37	46.13	29.78	9.26	8.02	15.3	3.124	100.0	2.3	0.5
1328	12/7/2016 4:51	10.39	46.60	30.12	9.26	8.02	16.5	3.201	100.3	2.3	0.6
1329	12/7/2016 5:06	10.40	46.88	30.32	9.24	8.03	15.7	3.255	100.2	1.9	0.4
1330	12/7/2016 5:21	10.39	47.10	30.48	9.25	8.03	13.9	3.307	100.4	2.7	0.6
1331	12/7/2016 5:36	10.39	47.29	30.61	9.24	8.03	11.7	3.351	100.4	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
1332	12/7/2016 5:51	10.40	47.44	30.72	9.21	8.03	10.7	3.382	100.2	2.2	0.5
1333	12/7/2016 6:06	10.42	47.51	30.78	9.16	8.04	7.8	3.389	99.7	1.8	0.4
1334	12/7/2016 6:21	10.41	47.48	30.75	9.17	8.03	10.6	3.372	99.7	2.6	0.6
1335	12/7/2016 6:36	10.42	47.54	30.80	9.19	8.02	10.3	3.349	100.1	1.8	0.4
1336	12/7/2016 6:51	10.34	47.15	30.51	9.23	8.02	10.3	3.308	100.1	2.1	0.5
1337	12/7/2016 7:06	10.04	45.91	29.61	9.21	8.02	9.5	3.266	98.6	2.6	0.6
1338	12/7/2016 7:21	10.01	45.72	29.47	9.14	8.02	8.1	3.200	97.7	1.7	0.4
1339	12/7/2016 7:36	9.92	45.71	29.46	9.23	8.01	8.9	3.125	98.5	2.2	0.5
1340	12/7/2016 7:51	9.98	45.68	29.43	9.21	8.01	8.2	3.069	98.5	1.9	0.4
1341	12/7/2016 8:06	9.96	45.50	29.31	9.19	8.01	7.1	2.991	98.1	2.2	0.5
1342	12/7/2016 8:21	9.90	45.23	29.11	9.19	8.01	7.0	2.931	97.9	2.0	0.5
1343	12/7/2016 8:36	9.92	45.15	29.05	9.15	8.01	6.8	2.859	97.4	2.3	0.5
1344	12/7/2016 8:51	9.85	45.04	28.97	9.18	8.01	6.9	2.779	97.5	1.9	0.5
1345	12/7/2016 9:06	9.69	44.57	28.63	9.27	8.02	6.2	2.722	97.9	2.3	0.5
1346	12/7/2016 9:21	9.74	44.86	28.84	9.27	8.02	6.5	2.654	98.2	1.9	0.4
1347	12/7/2016 9:36	9.71	44.66	28.69	9.28	8.02	6.5	2.589	98.1	1.8	0.4
1348	12/7/2016 9:51	9.64	44.30	28.43	9.32	8.02	6.1	2.532	98.3	2.3	0.5
1349	12/7/2016 10:06	9.55	44.08	28.27	9.33	8.01	5.6	2.461	98.0	3.0	0.7
1350	12/7/2016 10:21	9.47	43.89	28.13	9.38	8.02	6.0	2.411	98.4	2.4	0.6
1351	12/7/2016 10:36	9.43	43.98	28.19	9.37	8.01	5.7	2.352	98.1	2.8	0.7
1352	12/7/2016 10:51	9.40	43.95	28.17	9.39	8.01	5.9	2.302	98.2	2.5	0.6
1353	12/7/2016 11:06	9.41	43.87	28.12	9.40	8.02	6.0	2.266	98.3	2.2	0.5
1354	12/7/2016 11:21	9.39	43.70	28.00	9.42	8.01	6.5	2.229	98.4	2.6	0.6
1355	12/7/2016 11:36	9.39	43.56	27.90	9.31	8.01	5.3	2.227	97.2	2.1	0.5
1356	12/7/2016 11:51	9.37	43.48	27.84	9.37	8.01	5.3	2.205	97.8	2.4	0.6
1357	12/7/2016 12:06	9.31	43.40	27.78	9.44	8.02	5.9	2.207	98.4	2.8	0.7
1358	12/7/2016 12:21	9.34	43.52	27.87	9.43	8.02	5.3	2.234	98.4	2.7	0.6
1359	12/7/2016 12:36	9.57	43.88	28.13	9.33	8.01	5.6	2.257	97.9	2.0	0.5
1360	12/7/2016 12:51	9.63	44.08	28.28	9.27	8.00	6.1	2.297	97.6	2.3	0.5
1361	12/7/2016 13:06	9.45	43.77	28.05	9.36	8.01	5.6	2.325	98.0	2.1	0.5
1362	12/7/2016 13:21	9.36	43.54	27.88	9.38	8.02	5.3	2.372	98.0	2.8	0.7
1363	12/7/2016 13:36	9.37	43.65	27.96	9.35	8.01	5.8	2.430	97.7	2.7	0.7
1364	12/7/2016 13:51	9.54	43.92	28.16	9.30	8.01	7.0	2.473	97.6	2.6	0.6
1365	12/7/2016 14:06	9.70	44.48	28.57	9.22	8.00	6.7	2.514	97.4	2.1	0.5
1366	12/7/2016 14:21	9.75	44.68	28.71	9.23	8.00	6.5	2.570	97.7	1.9	0.4
1367	12/7/2016 14:36	9.75	44.71	28.73	9.23	8.00	6.2	2.616	97.7	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
1368	12/7/2016 14:51	9.78	44.89	28.86	9.26	8.01	6.4	2.671	98.2	2.8	0.7
1369	12/7/2016 15:06	9.76	44.88	28.86	9.33	8.01	6.2	2.712	98.8	1.9	0.5
1370	12/7/2016 15:21	9.78	44.99	28.93	9.35	8.01	6.4	2.765	99.1	3.2	0.8
1371	12/7/2016 15:36	9.81	45.06	28.98	9.34	8.01	6.0	2.812	99.2	2.8	0.7
1372	12/7/2016 15:51	9.82	45.21	29.09	9.36	8.03	6.1	2.851	99.5	3.2	0.8
1373	12/7/2016 16:06	9.85	45.35	29.19	9.36	8.02	5.5	2.902	99.6	3.2	0.8
1374	12/7/2016 16:21	9.94	45.65	29.41	9.29	8.01	5.6	2.942	99.2	2.4	0.6
1375	12/7/2016 16:36	10.08	46.08	29.73	9.17	8.01	6.1	2.981	98.4	2.0	0.5
1376	12/7/2016 16:51	10.13	46.29	29.88	9.13	8.01	5.9	3.015	98.1	2.1	0.5
1377	12/7/2016 17:06	10.15	46.39	29.96	9.10	8.01	6.2	3.041	98.0	2.6	0.6
1378	12/7/2016 17:21	10.17	46.48	30.02	9.07	8.01	6.0	3.055	97.7	2.0	0.5
1379	12/7/2016 17:36	10.15	46.50	30.03	9.04	8.00	5.3	3.063	97.4	2.3	0.5
1380	12/7/2016 17:51	10.17	46.50	30.03	9.04	8.00	6.7	3.060	97.4	1.5	0.3
1381	12/7/2016 18:06	10.15	46.40	29.96	9.06	8.00	6.4	3.038	97.5	2.0	0.5
1382	12/7/2016 18:21	10.03	45.96	29.64	9.15	8.01	6.2	3.006	98.0	2.2	0.5
1383	12/7/2016 18:36	9.99	45.81	29.53	9.10	7.99	6.2	2.964	97.4	2.4	0.6
1384	12/7/2016 18:51	9.88	45.42	29.24	9.16	8.02	7.3	2.907	97.6	2.2	0.5
1385	12/7/2016 19:06	9.68	45.00	28.93	9.25	8.02	6.5	2.853	97.9	2.5	0.6
1386	12/7/2016 19:21	9.73	45.01	28.95	9.28	8.03	6.9	2.782	98.4	2.4	0.6
1387	12/7/2016 19:36	9.65	44.75	28.76	9.30	8.02	7.2	2.704	98.2	2.8	0.7
1388	12/7/2016 19:51	9.62	44.55	28.61	9.28	8.01	6.7	2.645	97.8	2.5	0.6
1389	12/7/2016 20:06	9.57	44.57	28.62	9.32	8.00	5.7	2.560	98.2	2.7	0.6
1390	12/7/2016 20:21	9.56	44.55	28.61	9.31	8.01	6.1	2.481	98.0	2.3	0.6
1391	12/7/2016 20:36	9.49	44.39	28.49	9.28	8.01	6.8	2.402	97.5	2.2	0.5
1392	12/7/2016 20:51	9.39	43.99	28.20	9.34	8.01	6.9	2.320	97.7	2.3	0.5
1393	12/7/2016 21:06	9.31	43.77	28.04	9.34	8.02	6.8	2.247	97.5	2.7	0.6
1394	12/7/2016 21:21	9.25	43.73	28.01	9.36	8.01	6.2	2.160	97.5	2.6	0.6
1395	12/7/2016 21:36	9.16	43.60	27.91	9.36	8.01	6.2	2.076	97.3	2.8	0.7
1396	12/7/2016 21:51	9.10	43.41	27.77	9.40	8.02	6.2	2.012	97.5	2.7	0.6
1397	12/7/2016 22:06	9.04	43.36	27.73	9.41	8.02	6.0	1.946	97.4	2.9	0.7
1398	12/7/2016 22:21	8.99	43.29	27.68	9.41	8.03	5.9	1.873	97.3	2.9	0.7
1399	12/7/2016 22:36	8.97	43.23	27.63	9.42	8.02	6.1	1.825	97.3	2.6	0.6
1400	12/7/2016 22:51	8.95	43.17	27.60	9.37	8.02	5.9	1.785	96.8	2.6	0.6
1401	12/7/2016 23:06	9.00	43.11	27.56	9.39	8.03	5.4	1.755	97.0	3.3	0.8
1402	12/7/2016 23:21	9.23	43.39	27.77	9.29	8.02	5.4	1.734	96.6	2.7	0.6
1403	12/7/2016 23:36	9.02	43.17	27.60	9.36	8.01	7.0	1.723	96.8	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
1404	12/7/2016 23:51	9.00	43.15	27.58	9.42	8.02	6.4	1.735	97.3	2.5	0.6
1405	12/8/2016 0:06	8.95	43.08	27.53	9.45	8.03	5.1	1.765	97.5	2.5	0.6
1406	12/8/2016 0:21	9.17	43.41	27.77	9.37	8.02	5.8	1.800	97.3	3.0	0.7
1407	12/8/2016 0:36	9.21	43.46	27.81	9.34	8.01	5.9	1.835	97.1	2.8	0.7
1408	12/8/2016 0:51	9.08	43.13	27.57	9.38	8.01	5.9	1.884	97.1	2.5	0.6
1409	12/8/2016 1:06	9.16	43.32	27.71	9.35	8.02	5.6	1.951	97.1	3.0	0.7
1410	12/8/2016 1:21	9.13	43.19	27.62	9.35	8.02	6.4	2.020	97.0	2.6	0.6
1411	12/8/2016 1:36	9.23	43.39	27.77	9.35	8.02	6.2	2.068	97.2	2.6	0.6
1412	12/8/2016 1:51	9.30	43.54	27.87	9.30	8.02	6.2	2.154	96.9	2.5	0.6
1413	12/8/2016 2:06	9.26	43.36	27.74	9.31	8.01	6.2	2.227	96.9	2.9	0.7
1414	12/8/2016 2:21	9.44	43.99	28.20	9.24	8.01	6.7	2.298	96.8	2.4	0.6
1415	12/8/2016 2:36	9.60	44.45	28.54	9.21	8.01	8.3	2.373	97.0	2.3	0.5
1416	12/8/2016 2:51	9.70	44.72	28.74	9.21	8.00	8.8	2.451	97.4	2.4	0.6
1417	12/8/2016 3:06	9.74	44.93	28.89	9.22	8.01	9.0	2.539	97.7	2.5	0.6
1418	12/8/2016 3:21	9.73	44.89	28.86	9.24	8.01	8.9	2.621	97.8	2.4	0.6
1419	12/8/2016 3:36	9.82	45.24	29.11	9.19	8.02	11.4	2.687	97.7	2.1	0.5
1420	12/8/2016 3:51	9.87	45.52	29.31	9.18	8.01	11.2	2.775	97.8	2.3	0.5
1421	12/8/2016 4:06	9.91	45.72	29.46	9.13	8.01	13.6	2.855	97.5	2.4	0.6
1422	12/8/2016 4:21	9.93	45.82	29.53	9.15	8.01	13.3	2.946	97.7	2.7	0.6
1423	12/8/2016 4:36	9.98	46.06	29.71	9.10	8.00	14.4	3.027	97.5	2.4	0.6
1424	12/8/2016 4:51	10.04	46.33	29.91	9.10	8.01	15.0	3.111	97.6	2.5	0.6
1425	12/8/2016 5:06	10.09	46.56	30.07	9.03	8.01	14.4	3.211	97.1	2.0	0.5
1426	12/8/2016 5:21	10.22	47.12	30.48	8.93	8.02	15.2	3.289	96.6	2.5	0.6
1427	12/8/2016 5:36	10.31	47.52	30.77	8.86	8.02	14.9	3.354	96.2	2.4	0.6
1428	12/8/2016 5:51	10.35	47.60	30.84	8.83	8.04	11.9	3.424	96.0	2.4	0.6
1429	12/8/2016 6:06	10.39	47.81	30.99	8.81	8.02	9.5	3.485	95.9	2.2	0.5
1430	12/8/2016 6:21	10.40	47.84	31.01	8.83	8.04	8.8	3.532	96.2	2.3	0.5
1431	12/8/2016 6:36	10.42	47.91	31.06	8.78	8.03	6.8	3.544	95.7	2.0	0.5
1432	12/8/2016 6:51	10.41	47.87	31.03	8.70	8.03	5.3	3.578	94.8	2.2	0.5
1433	12/8/2016 7:06	10.41	47.87	31.03	8.72	8.04	7.2	3.570	95.0	1.9	0.5
1434	12/8/2016 7:21	10.42	47.93	31.07	8.74	8.04	7.6	3.538	95.3	1.9	0.4
1435	12/8/2016 7:36	10.33	47.48	30.75	8.80	8.05	9.2	3.499	95.6	1.9	0.5
1436	12/8/2016 7:51	10.21	46.83	30.27	8.94	8.05	9.2	3.456	96.6	2.8	0.7
1437	12/8/2016 8:06	10.21	46.80	30.25	8.98	8.05	8.7	3.385	97.0	2.9	0.7
1438	12/8/2016 8:21	10.23	46.95	30.36	8.87	8.05	9.4	3.313	95.9	2.0	0.5
1439	12/8/2016 8:36	10.19	46.72	30.19	8.93	8.05	9.9	3.242	96.3	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
1440	12/8/2016 8:51	10.01	45.78	29.51	9.11	8.04	8.4	3.164	97.5	2.2	0.5
1441	12/8/2016 9:06	9.97	45.53	29.33	9.14	8.04	7.4	3.079	97.6	2.2	0.5
1442	12/8/2016 9:21	9.94	45.39	29.23	9.15	8.04	7.0	3.005	97.5	2.0	0.5
1443	12/8/2016 9:36	9.95	45.38	29.22	9.19	8.04	6.8	2.931	98.0	1.9	0.4
1444	12/8/2016 9:51	9.85	44.96	28.92	9.18	8.04	7.2	2.840	97.5	2.0	0.5
1445	12/8/2016 10:06	9.84	44.89	28.86	9.22	8.03	7.3	2.762	97.9	2.5	0.6
1446	12/8/2016 10:21	9.84	44.86	28.84	9.23	8.04	7.3	2.683	98.0	2.2	0.5
1447	12/8/2016 10:36	9.92	45.05	28.98	9.27	8.03	7.7	2.611	98.6	2.3	0.5
1448	12/8/2016 10:51	9.86	44.74	28.76	9.33	8.04	7.5	2.530	99.1	2.6	0.6
1449	12/8/2016 11:06	9.82	44.52	28.60	9.37	8.04	7.3	2.460	99.3	2.0	0.5
1450	12/8/2016 11:21	9.75	44.15	28.33	9.42	8.04	7.9	2.382	99.4	2.8	0.7
1451	12/8/2016 11:36	9.81	44.25	28.41	9.42	8.03	8.1	2.318	99.7	2.7	0.6
1452	12/8/2016 11:51	9.76	44.05	28.27	9.43	8.04	8.1	2.253	99.5	2.8	0.7
1453	12/8/2016 12:06	9.75	43.97	28.20	9.47	8.03	7.9	2.194	99.9	2.4	0.6
1454	12/8/2016 12:21	9.80	44.04	28.26	9.45	8.03	7.8	2.138	99.8	1.9	0.4
1455	12/8/2016 12:36	9.76	43.78	28.07	9.49	8.04	7.2	2.109	100.0	2.1	0.5
1456	12/8/2016 12:51	9.80	43.96	28.20	9.39	8.03	7.5	2.086	99.1	1.9	0.5
1457	12/8/2016 13:06	9.77	43.91	28.17	9.44	8.03	6.8	2.064	99.7	2.4	0.6
1458	12/8/2016 13:21	9.73	43.65	27.98	9.50	8.03	7.1	2.073	100.1	2.2	0.5
1459	12/8/2016 13:36	9.77	44.10	28.30	9.40	8.03	7.2	2.094	99.3	2.1	0.5
1460	12/8/2016 13:51	9.73	44.08	28.28	9.39	8.03	7.6	2.130	99.1	2.7	0.6
1461	12/8/2016 14:06	9.75	44.19	28.36	9.37	8.02	7.2	2.171	99.0	1.7	0.4
1462	12/8/2016 14:21	9.76	43.78	28.07	9.44	8.03	7.1	2.230	99.5	2.5	0.6
1463	12/8/2016 14:36	9.76	43.81	28.09	9.40	8.03	7.7	2.294	99.2	2.7	0.6
1464	12/8/2016 14:51	9.78	44.30	28.44	9.32	8.03	7.7	2.356	98.6	2.2	0.5
1465	12/8/2016 15:06	9.81	44.53	28.61	9.30	8.03	9.4	2.419	98.5	2.0	0.5
1466	12/8/2016 15:21	9.83	44.55	28.62	9.24	8.04	8.0	2.482	98.0	2.3	0.5
1467	12/8/2016 15:36	9.86	44.72	28.74	9.21	8.03	8.2	2.543	97.7	2.4	0.6
1468	12/8/2016 15:51	9.89	44.88	28.86	9.20	8.04	7.8	2.606	97.7	2.3	0.5
1469	12/8/2016 16:06	9.95	45.01	28.96	9.21	8.03	8.2	2.662	98.0	2.5	0.6
1470	12/8/2016 16:21	9.96	45.06	28.99	9.19	8.03	7.7	2.719	97.9	2.4	0.6
1471	12/8/2016 16:36	9.97	45.11	29.03	9.19	8.03	7.6	2.787	98.0	2.2	0.5
1472	12/8/2016 16:51	9.99	45.27	29.15	9.15	8.01	7.3	2.836	97.6	1.9	0.4
1473	12/8/2016 17:06	10.02	45.49	29.30	9.15	8.01	7.3	2.897	97.8	2.6	0.6
1474	12/8/2016 17:21	10.05	45.75	29.49	9.10	8.01	8.6	2.942	97.5	2.7	0.7
1475	12/8/2016 17:36	10.07	45.81	29.54	9.09	8.02	7.8	2.990	97.5	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
1476	12/8/2016 17:51	10.10	45.91	29.61	9.04	8.02	7.5	3.042	97.0	2.3	0.5
1477	12/8/2016 18:06	10.12	46.01	29.68	9.02	8.03	6.8	3.077	96.8	2.5	0.6
1478	12/8/2016 18:21	10.13	46.04	29.70	8.98	8.02	6.7	3.100	96.5	2.7	0.6
1479	12/8/2016 18:36	10.13	46.04	29.71	8.95	8.02	5.9	3.125	96.1	2.5	0.6
1480	12/8/2016 18:51	10.14	46.08	29.73	8.94	8.01	5.8	3.154	96.1	2.7	0.6
1481	12/8/2016 19:06	10.14	46.09	29.74	8.96	8.00	7.1	3.119	96.3	2.1	0.5
1482	12/8/2016 19:21	10.14	46.09	29.74	9.00	8.01	7.6	3.091	96.7	1.5	0.4
1483	12/8/2016 19:36	10.13	46.00	29.67	8.96	8.00	7.3	3.068	96.2	1.9	0.4
1484	12/8/2016 19:51	10.09	45.30	29.17	9.04	7.99	7.6	3.034	96.7	2.6	0.6
1485	12/8/2016 20:06	10.05	45.47	29.29	9.06	8.02	8.4	2.967	96.9	2.4	0.6
1486	12/8/2016 20:21	10.02	44.95	28.91	9.08	8.00	9.0	2.886	96.8	2.6	0.6
1487	12/8/2016 20:36	10.00	44.80	28.81	9.14	8.02	9.0	2.832	97.4	2.2	0.5
1488	12/8/2016 20:51	9.99	44.89	28.88	9.11	8.01	7.9	2.769	97.0	2.7	0.6
1489	12/8/2016 21:06	10.00	44.52	28.61	9.14	8.01	7.0	2.681	97.2	2.6	0.6
1490	12/8/2016 21:21	9.98	44.44	28.55	9.18	8.01	7.9	2.605	97.6	2.7	0.6
1491	12/8/2016 21:36	10.01	44.42	28.54	9.18	8.01	8.3	2.543	97.6	2.7	0.6
1492	12/8/2016 21:51	9.97	44.25	28.42	9.22	8.00	7.1	2.460	97.9	2.2	0.5
1493	12/8/2016 22:06	9.99	44.22	28.40	9.18	7.98	7.0	2.390	97.5	2.8	0.7
1494	12/8/2016 22:21	9.93	44.02	28.25	9.24	7.98	8.3	2.295	98.0	2.3	0.5
1495	12/8/2016 22:36	9.88	43.80	28.10	9.28	7.99	7.8	2.234	98.1	2.4	0.6
1496	12/8/2016 22:51	9.88	43.69	28.02	9.28	7.98	7.2	2.160	98.1	2.7	0.6
1497	12/8/2016 23:06	9.89	43.61	27.96	9.31	7.98	7.0	2.086	98.4	2.2	0.5
1498	12/8/2016 23:21	9.94	43.63	27.98	9.27	7.99	6.9	2.013	98.0	2.7	0.6
1499	12/8/2016 23:36	9.91	43.50	27.88	9.29	7.99	7.5	1.952	98.2	2.7	0.6
1500	12/8/2016 23:51	9.90	43.43	27.83	9.28	7.98	7.3	1.931	98.0	2.9	0.7
1501	12/9/2016 0:06	9.88	43.40	27.81	9.28	7.97	7.3	1.873	97.9	2.8	0.7
1502	12/9/2016 0:21	9.89	43.37	27.79	9.26	7.97	6.9	1.865	97.7	3.1	0.7
1503	12/9/2016 0:36	9.89	43.45	27.85	9.26	7.99	8.4	1.858	97.8	3.1	0.7
1504	12/9/2016 0:51	9.83	43.60	27.95	9.29	7.99	6.4	1.872	98.0	2.1	0.5
1505	12/9/2016 1:06	9.85	43.62	27.97	9.30	8.00	7.5	1.895	98.2	2.9	0.7
1506	12/9/2016 1:21	9.86	43.63	27.97	9.30	7.99	8.3	1.915	98.2	2.6	0.6
1507	12/9/2016 1:36	9.88	43.51	27.89	9.29	7.99	7.0	1.991	98.1	2.8	0.7
1508	12/9/2016 1:51	9.89	43.13	27.62	9.33	7.97	7.8	2.034	98.4	2.2	0.5
1509	12/9/2016 2:06	9.88	43.01	27.53	9.35	7.98	7.8	2.099	98.5	2.5	0.6
1510	12/9/2016 2:21	9.89	43.27	27.72	9.26	8.00	7.2	2.187	97.7	2.9	0.7
1511	12/9/2016 2:36	9.90	43.40	27.81	9.26	8.01	7.8	2.245	97.7	2.7	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	Fluorescence %FS
1512	12/9/2016 2:51	9.90	43.62	27.97	9.23	8.01	7.4	2.325	97.5	3.0	0.7
1513	12/9/2016 3:06	9.92	43.20	27.67	9.26	7.99	7.7	2.418	97.7	2.7	0.6
1514	12/9/2016 3:21	9.96	44.09	28.31	9.19	8.01	9.1	2.479	97.4	2.9	0.7
1515	12/9/2016 3:36	9.97	44.34	28.48	9.18	8.02	10.0	2.555	97.5	2.2	0.5
1516	12/9/2016 3:51	9.98	44.47	28.57	9.20	8.01	8.9	2.654	97.8	2.4	0.6
1517	12/9/2016 4:06	9.98	44.65	28.70	9.21	8.02	10.8	2.739	97.9	2.5	0.6
1518	12/9/2016 4:21	10.01	44.82	28.83	9.18	8.01	10.6	2.809	97.8	2.9	0.7
1519	12/9/2016 4:36	10.09	45.05	29.00	9.13	8.02	13.1	2.911	97.5	2.3	0.5
1520	12/9/2016 4:51	10.14	45.26	29.15	9.07	8.02	15.0	2.994	97.1	2.0	0.5
1521	12/9/2016 5:06	10.19	45.46	29.29	9.04	8.02	14.3	3.086	97.0	2.5	0.6
1522	12/9/2016 5:21	10.25	45.68	29.45	9.04	8.03	14.4	3.191	97.2	2.5	0.6
1523	12/9/2016 5:36	10.31	45.92	29.63	8.98	8.03	16.2	3.272	96.8	2.6	0.6
1524	12/9/2016 5:51	10.43	46.28	29.89	8.92	8.04	15.3	3.366	96.6	2.0	0.5
1525	12/9/2016 6:06	10.56	46.75	30.23	8.83	8.04	15.7	3.460	96.1	2.6	0.6
1526	12/9/2016 6:21	10.67	47.09	30.48	8.78	8.03	13.0	3.536	95.9	2.9	0.7
1527	12/9/2016 6:36	10.73	47.27	30.62	8.73	8.03	12.3	3.606	95.6	2.5	0.6
1528	12/9/2016 6:51	10.78	47.42	30.73	8.73	8.03	8.5	3.656	95.7	2.1	0.5
1529	12/9/2016 7:06	10.80	47.48	30.78	8.71	8.01	8.6	3.713	95.6	2.8	0.7
1530	12/9/2016 7:21	10.82	47.52	30.80	8.68	8.02	6.7	3.745	95.3	2.6	0.6
1531	12/9/2016 7:36	10.83	47.55	30.82	8.65	8.01	5.9	3.751	95.0	2.2	0.5
1532	12/9/2016 7:51	10.82	47.50	30.79	8.63	8.02	7.8	3.744	94.8	1.6	0.4
1533	12/9/2016 8:06	10.82	47.53	30.81	8.61	8.02	7.9	3.731	94.6	2.5	0.6
1534	12/9/2016 8:21	10.73	47.20	30.57	8.68	8.01	7.9	3.681	95.0	2.0	0.5
1535	12/9/2016 8:36	10.50	46.32	29.92	8.89	8.00	8.6	3.635	96.4	2.4	0.6
1536	12/9/2016 8:51	10.52	46.29	29.90	8.89	7.99	8.0	3.548	96.4	2.2	0.5
1537	12/9/2016 9:06	10.43	45.66	29.44	8.94	7.99	6.6	3.470	96.5	2.4	0.6
1538	12/9/2016 9:21	10.42	45.75	29.51	8.93	7.99	7.8	3.378	96.4	1.9	0.5
1539	12/9/2016 9:36	10.39	45.66	29.45	8.95	7.97	7.3	3.296	96.5	2.1	0.5
1540	12/9/2016 9:51	10.27	44.63	28.70	9.03	7.97	7.8	3.193	96.7	1.9	0.4
1541	12/9/2016 10:06	10.30	44.80	28.83	9.04	7.96	7.1	3.097	96.9	2.1	0.5
1542	12/9/2016 10:21	10.25	44.37	28.52	9.11	7.98	6.8	3.008	97.3	2.0	0.5
1543	12/9/2016 10:36	10.26	44.49	28.60	9.09	7.99	6.8	2.905	97.2	2.2	0.5
1544	12/9/2016 10:51	10.31	44.81	28.84	9.07	8.01	6.3	2.804	97.3	1.8	0.4
1545	12/9/2016 11:06	10.19	44.17	28.37	9.13	8.01	7.9	2.694	97.3	2.4	0.6
1546	12/9/2016 11:21	10.22	44.17	28.37	9.15	8.01	9.0	2.606	97.6	2.5	0.6
1547	12/9/2016 11:36	10.31	44.58	28.67	9.15	8.01	7.1	2.511	98.0	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
1548	12/9/2016 11:51	10.23	44.12	28.34	9.18	8.02	6.8	2.394	98.0	2.1	0.5
1549	12/9/2016 12:06	10.22	43.92	28.20	9.24	8.00	7.3	2.286	98.5	1.9	0.5
1550	12/9/2016 12:21	10.19	43.61	27.98	9.29	8.01	8.6	2.185	98.8	3.1	0.7
1551	12/9/2016 12:36	10.22	43.49	27.89	9.30	8.01	8.4	2.097	99.0	2.1	0.5
1552	12/9/2016 12:51	10.25	43.40	27.83	9.34	8.01	7.5	2.005	99.4	2.3	0.5
1553	12/9/2016 13:06	10.27	43.36	27.80	9.36	7.97	7.4	1.910	99.6	2.8	0.7
1554	12/9/2016 13:21	10.27	43.18	27.67	9.37	7.97	9.0	1.849	99.7	2.3	0.5
1555	12/9/2016 13:36	10.25	43.03	27.57	9.36	7.96	8.0	1.819	99.4	2.3	0.5
1556	12/9/2016 13:51	10.19	42.91	27.48	9.33	8.00	7.2	1.788	98.9	2.8	0.7
1557	12/9/2016 14:06	10.20	42.87	27.46	9.36	7.97	7.2	1.779	99.3	2.6	0.6
1558	12/9/2016 14:21	10.22	43.03	27.56	9.34	7.99	8.3	1.771	99.2	2.2	0.5
1559	12/9/2016 14:36	10.20	43.08	27.60	9.31	7.99	7.8	1.799	98.8	2.2	0.5
1560	12/9/2016 14:51	10.20	43.16	27.66	9.31	8.00	7.4	1.866	98.9	2.5	0.6
1561	12/9/2016 15:06	10.18	43.16	27.65	9.29	8.00	7.6	1.909	98.6	2.5	0.6
1562	12/9/2016 15:21	10.18	42.98	27.53	9.31	8.00	7.8	1.978	98.7	2.7	0.6
1563	12/9/2016 15:36	10.18	42.83	27.43	9.27	8.00	7.3	2.053	98.2	2.9	0.7
1564	12/9/2016 15:51	10.17	43.08	27.60	9.25	7.98	7.7	2.133	98.1	2.7	0.6
1565	12/9/2016 16:06	10.17	43.12	27.63	9.22	7.96	7.6	2.206	97.9	2.3	0.5
1566	12/9/2016 16:21	10.19	43.49	27.89	9.15	7.97	8.9	2.274	97.3	3.0	0.7
1567	12/9/2016 16:36	10.21	43.73	28.06	9.10	7.96	7.8	2.345	96.9	2.4	0.6
1568	12/9/2016 16:51	10.23	44.08	28.31	9.11	7.95	8.6	2.425	97.2	2.1	0.5
1569	12/9/2016 17:06	10.22	44.15	28.36	9.10	7.98	9.3	2.492	97.1	2.6	0.6
1570	12/9/2016 17:21	10.22	44.15	28.36	9.14	7.99	7.8	2.565	97.5	2.0	0.5
1571	12/9/2016 17:36	10.21	44.36	28.51	9.10	7.98	8.0	2.628	97.2	2.3	0.5
1572	12/9/2016 17:51	10.22	44.45	28.57	9.09	7.97	8.6	2.709	97.2	2.5	0.6
1573	12/9/2016 18:06	10.24	44.59	28.67	9.08	7.98	8.9	2.768	97.1	2.9	0.7
1574	12/9/2016 18:21	10.27	44.69	28.75	9.04	7.98	9.4	2.827	96.8	2.4	0.6
1575	12/9/2016 18:36	10.33	44.95	28.93	9.01	7.98	9.5	2.890	96.7	2.2	0.5
1576	12/9/2016 18:51	10.37	45.08	29.03	9.01	7.99	9.8	2.952	96.9	2.6	0.6
1577	12/9/2016 19:06	10.43	45.20	29.12	8.96	8.00	10.7	3.023	96.5	3.0	0.7
1578	12/9/2016 19:21	10.45	45.24	29.15	8.97	7.99	7.8	3.047	96.7	3.0	0.7
1579	12/9/2016 19:36	10.49	45.36	29.23	8.93	7.98	8.4	3.114	96.3	2.8	0.7
1580	12/9/2016 19:51	10.52	45.48	29.32	8.91	7.98	8.0	3.151	96.3	2.4	0.6
1581	12/9/2016 20:06	10.53	45.49	29.33	8.88	7.98	7.2	3.158	96.0	3.2	0.7
1582	12/9/2016 20:21	10.50	45.38	29.25	8.86	7.98	6.3	3.171	95.6	2.8	0.7
1583	12/9/2016 20:36	10.52	45.46	29.31	8.87	7.99	7.8	3.151	95.8	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
1584	12/9/2016 20:51	10.53	45.49	29.33	8.88	7.97	7.0	3.134	96.0	2.2	0.5
1585	12/9/2016 21:06	10.50	45.26	29.17	8.90	7.99	7.1	3.098	96.0	2.6	0.6
1586	12/9/2016 21:21	10.40	44.63	28.71	8.93	7.98	9.0	3.029	95.9	2.5	0.6
1587	12/9/2016 21:36	10.38	44.62	28.71	8.95	7.98	9.4	2.962	96.0	2.8	0.7
1588	12/9/2016 21:51	10.38	44.49	28.61	8.99	7.97	7.3	2.903	96.4	1.8	0.4
1589	12/9/2016 22:06	10.34	44.20	28.41	9.03	7.97	7.5	2.828	96.7	2.9	0.7
1590	12/9/2016 22:21	10.30	43.97	28.24	9.03	7.97	7.4	2.732	96.5	2.5	0.6
1591	12/9/2016 22:36	10.29	44.04	28.29	9.00	7.98	7.5	2.662	96.2	2.4	0.6
1592	12/9/2016 22:51	10.30	43.99	28.25	9.00	7.99	7.0	2.583	96.2	2.6	0.6
1593	12/9/2016 23:06	10.29	43.83	28.14	9.02	7.97	7.0	2.521	96.3	2.6	0.6
1594	12/9/2016 23:21	10.27	43.60	27.98	9.05	7.98	7.6	2.445	96.5	2.7	0.6
1595	12/9/2016 23:36	10.26	43.25	27.72	9.06	7.96	7.6	2.370	96.3	2.7	0.6
1596	12/9/2016 23:51	10.26	43.08	27.61	9.11	7.96	6.9	2.292	96.8	2.4	0.6
1597	12/10/2016 0:06	10.27	43.00	27.55	9.09	7.96	6.9	2.235	96.6	2.3	0.6
1598	12/10/2016 0:21	10.28	42.81	27.41	9.10	7.96	7.4	2.163	96.7	2.6	0.6
1599	12/10/2016 0:36	10.29	42.70	27.34	9.11	7.95	7.2	2.102	96.7	2.8	0.7
1600	12/10/2016 0:51	10.30	42.67	27.32	9.10	7.96	7.3	2.065	96.7	2.6	0.6
1601	12/10/2016 1:06	10.30	42.79	27.40	9.04	7.96	6.6	2.013	96.1	2.2	0.5
1602	12/10/2016 1:21	10.25	42.95	27.51	9.04	7.96	6.9	1.998	96.0	4.2	1.0
1603	12/10/2016 1:36	10.29	42.84	27.44	9.06	7.96	6.4	1.964	96.3	3.7	0.9
1604	12/10/2016 1:51	10.33	42.33	27.08	9.14	7.96	6.7	1.981	97.0	3.8	0.9
1605	12/10/2016 2:06	10.32	42.61	27.28	9.12	7.96	7.7	2.036	96.9	2.8	0.7
1606	12/10/2016 2:21	10.27	42.96	27.52	9.08	7.97	7.0	2.078	96.5	3.7	0.9
1607	12/10/2016 2:36	10.27	43.05	27.58	9.09	7.97	7.5	2.122	96.6	2.3	0.6
1608	12/10/2016 2:51	10.30	42.63	27.28	9.09	7.96	7.8	2.185	96.5	2.5	0.6
1609	12/10/2016 3:06	10.30	42.61	27.27	9.10	7.96	7.4	2.264	96.6	2.5	0.6
1610	12/10/2016 3:21	10.29	42.61	27.27	9.08	7.96	7.5	2.335	96.3	3.0	0.7
1611	12/10/2016 3:36	10.28	42.98	27.53	9.08	7.96	7.6	2.420	96.5	2.5	0.6
1612	12/10/2016 3:51	10.32	42.64	27.30	9.08	7.97	7.9	2.499	96.4	3.1	0.7
1613	12/10/2016 4:06	10.33	42.88	27.47	9.09	7.97	7.4	2.566	96.7	2.1	0.5
1614	12/10/2016 4:21	10.34	43.73	28.07	9.03	7.96	8.6	2.668	96.5	2.4	0.6
1615	12/10/2016 4:36	10.35	43.85	28.15	9.01	7.97	10.1	2.740	96.3	2.5	0.6
1616	12/10/2016 4:51	10.39	44.16	28.38	8.98	7.97	10.6	2.835	96.2	2.1	0.5
1617	12/10/2016 5:06	10.43	44.14	28.36	9.01	7.99	8.7	2.927	96.6	2.3	0.5
1618	12/10/2016 5:21	10.52	44.84	28.87	8.95	8.00	13.2	3.012	96.4	2.7	0.7
1619	12/10/2016 5:36	10.57	45.01	28.99	8.95	8.00	15.5	3.110	96.6	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
1620	12/10/2016 5:51	10.64	45.26	29.17	8.94	8.00	13.0	3.206	96.8	2.4	0.6
1621	12/10/2016 6:06	10.73	45.43	29.30	8.93	8.00	15.1	3.303	96.9	2.7	0.6
1622	12/10/2016 6:21	10.82	45.65	29.46	8.90	8.00	14.8	3.420	96.8	2.5	0.6
1623	12/10/2016 6:36	10.91	45.84	29.60	8.89	8.02	15.8	3.503	97.1	2.3	0.6
1624	12/10/2016 6:51	11.05	46.23	29.89	8.91	8.04	15.5	3.602	97.8	2.0	0.5
1625	12/10/2016 7:06	11.17	46.54	30.12	8.97	8.04	13.2	3.678	98.9	2.7	0.6
1626	12/10/2016 7:21	11.26	46.78	30.29	8.98	8.05	12.3	3.746	99.2	2.4	0.6
1627	12/10/2016 7:36	11.31	46.95	30.41	8.95	8.05	9.2	3.804	99.1	2.8	0.7
1628	12/10/2016 7:51	11.32	47.04	30.48	8.92	8.05	8.4	3.849	98.8	2.5	0.6
1629	12/10/2016 8:06	11.32	47.09	30.52	8.90	8.03	6.8	3.896	98.7	3.2	0.8
1630	12/10/2016 8:21	11.31	47.06	30.50	8.87	8.04	5.7	3.907	98.2	2.8	0.7
1631	12/10/2016 8:36	11.28	46.93	30.40	8.84	8.04	8.0	3.918	97.8	2.9	0.7
1632	12/10/2016 8:51	11.30	47.10	30.52	8.83	8.04	7.6	3.899	97.8	2.8	0.7
1633	12/10/2016 9:06	11.15	46.57	30.14	8.89	8.03	11.2	3.840	97.8	2.8	0.7
1634	12/10/2016 9:21	11.14	46.54	30.11	8.93	8.02	9.6	3.789	98.3	2.1	0.5
1635	12/10/2016 9:36	11.13	46.55	30.12	8.96	8.03	7.4	3.705	98.6	2.8	0.7
1636	12/10/2016 9:51	10.94	45.76	29.54	9.01	8.01	8.1	3.599	98.4	2.0	0.5
1637	12/10/2016 10:06	10.75	45.00	29.00	9.03	7.99	7.9	3.506	97.8	2.3	0.5
1638	12/10/2016 10:21	10.75	45.01	29.00	9.01	7.99	9.5	3.398	97.7	2.0	0.5
1639	12/10/2016 10:36	10.60	44.43	28.58	8.98	7.98	11.7	3.291	96.7	2.8	0.7
1640	12/10/2016 10:51	10.64	44.49	28.62	8.97	7.99	8.0	3.179	96.8	2.5	0.6
1641	12/10/2016 11:06	10.53	43.94	28.23	9.03	7.96	8.1	3.061	96.9	1.8	0.4
1642	12/10/2016 11:21	10.52	43.68	28.04	9.01	7.96	7.9	2.954	96.6	2.4	0.6
1643	12/10/2016 11:36	10.59	43.97	28.25	9.01	7.98	9.1	2.846	96.8	2.4	0.6
1644	12/10/2016 11:51	10.57	43.83	28.15	9.02	7.98	8.6	2.715	96.9	2.3	0.5
1645	12/10/2016 12:06	10.57	43.63	28.01	9.07	7.98	8.4	2.577	97.3	2.3	0.5
1646	12/10/2016 12:21	10.66	43.97	28.26	9.09	7.98	8.1	2.460	97.8	2.6	0.6
1647	12/10/2016 12:36	10.62	43.56	27.96	9.13	7.97	8.3	2.343	98.0	2.0	0.5
1648	12/10/2016 12:51	10.55	43.04	27.59	9.18	7.97	10.6	2.214	98.2	2.2	0.5
1649	12/10/2016 13:06	10.58	42.91	27.50	9.20	7.98	10.3	2.091	98.4	2.2	0.5
1650	12/10/2016 13:21	10.57	42.53	27.23	9.23	7.98	11.6	1.976	98.6	2.6	0.6
1651	12/10/2016 13:36	10.64	42.27	27.05	9.26	7.98	11.5	1.838	98.8	2.9	0.7
1652	12/10/2016 13:51	10.59	41.66	26.62	9.27	7.96	12.2	1.745	98.6	2.8	0.7
1653	12/10/2016 14:06	10.64	41.48	26.49	9.32	7.96	12.5	1.645	99.1	3.0	0.7
1654	12/10/2016 14:21	10.62	41.19	26.29	9.30	7.95	11.7	1.569	98.8	2.2	0.5
1655	12/10/2016 14:36	10.64	40.98	26.14	9.32	7.95	11.1	1.514	99.0	3.2	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	Fluorescence %FS
1656	12/10/2016 14:51	10.63	40.81	26.02	9.32	7.96	10.6	1.464	98.9	2.8	0.7
1657	12/10/2016 15:06	10.63	40.74	25.97	9.29	7.94	9.7	1.490	98.6	2.6	0.6
1658	12/10/2016 15:21	10.63	41.06	26.19	9.32	7.95	9.9	1.486	99.0	2.8	0.7
1659	12/10/2016 15:36	10.60	41.17	26.27	9.29	7.96	10.7	1.539	98.6	2.7	0.6
1660	12/10/2016 15:51	10.58	41.16	26.26	9.28	7.96	10.3	1.615	98.5	2.8	0.7
1661	12/10/2016 16:06	10.58	41.06	26.19	9.28	7.96	10.6	1.681	98.4	3.0	0.7
1662	12/10/2016 16:21	10.57	40.92	26.09	9.27	7.96	13.0	1.779	98.2	2.9	0.7
1663	12/10/2016 16:36	10.55	40.88	26.06	9.28	7.94	13.7	1.858	98.3	3.0	0.7
1664	12/10/2016 16:51	10.55	40.95	26.12	9.25	7.95	12.8	1.958	98.0	3.3	0.8
1665	12/10/2016 17:06	10.53	41.43	26.45	9.23	7.97	16.0	2.029	98.0	3.1	0.7
1666	12/10/2016 17:21	10.55	41.47	26.48	9.18	7.95	16.4	2.124	97.5	3.1	0.7
1667	12/10/2016 17:36	10.56	41.84	26.75	9.12	7.94	14.3	2.216	97.0	3.1	0.7
1668	12/10/2016 17:51	10.57	41.68	26.63	9.10	7.96	14.0	2.291	96.8	3.1	0.7
1669	12/10/2016 18:06	10.57	41.55	26.54	9.13	7.96	13.7	2.391	97.0	2.6	0.6
1670	12/10/2016 18:21	10.58	41.84	26.74	9.09	7.96	15.5	2.466	96.8	3.1	0.7
1671	12/10/2016 18:36	10.59	42.07	26.91	9.08	7.96	14.2	2.547	96.8	3.1	0.7
1672	12/10/2016 18:51	10.60	42.60	27.28	9.08	7.97	12.1	2.628	97.0	2.9	0.7
1673	12/10/2016 19:06	10.60	42.61	27.29	9.05	7.97	12.7	2.719	96.8	2.7	0.6
1674	12/10/2016 19:21	10.62	42.96	27.54	9.03	7.97	14.4	2.794	96.7	3.0	0.7
1675	12/10/2016 19:36	10.64	43.11	27.64	9.03	7.98	14.7	2.873	96.8	2.5	0.6
1676	12/10/2016 19:51	10.67	43.15	27.67	9.05	7.98	17.1	2.945	97.1	2.8	0.7
1677	12/10/2016 20:06	10.71	43.19	27.71	9.02	7.98	21.4	3.011	96.9	3.4	0.8
1678	12/10/2016 20:21	10.75	43.37	27.83	9.04	7.97	20.8	3.076	97.3	2.9	0.7
1679	12/10/2016 20:36	10.77	43.55	27.96	9.04	7.98	17.5	3.131	97.4	2.7	0.6
1680	12/10/2016 20:51	10.80	43.85	28.18	9.02	7.99	16.1	3.178	97.4	3.5	0.8
1681	12/10/2016 21:06	10.88	44.29	28.49	9.10	7.99	11.4	3.217	98.6	3.3	0.8
1682	12/10/2016 21:21	10.90	44.33	28.52	9.02	7.98	8.1	3.243	97.8	2.8	0.7
1683	12/10/2016 21:36	10.88	44.19	28.42	9.02	7.99	8.3	3.262	97.7	2.8	0.7
1684	12/10/2016 21:51	10.91	44.38	28.56	9.05	7.99	9.5	3.232	98.1	2.4	0.6
1685	12/10/2016 22:06	10.88	44.27	28.48	9.07	7.98	11.7	3.206	98.3	2.5	0.6
1686	12/10/2016 22:21	10.78	43.67	28.05	9.00	7.97	15.5	3.162	97.0	2.9	0.7
1687	12/10/2016 22:36	10.74	43.28	27.77	8.98	7.97	18.9	3.100	96.6	3.5	0.8
1688	12/10/2016 22:51	10.71	43.01	27.57	9.00	7.96	19.8	3.023	96.6	2.9	0.7
1689	12/10/2016 23:06	10.67	42.57	27.26	9.01	7.95	17.7	2.937	96.4	3.0	0.7
1690	12/10/2016 23:21	10.65	42.36	27.12	8.99	7.96	19.2	2.863	96.0	2.7	0.6
1691	12/10/2016 23:36	10.46	40.92	26.09	9.09	7.93	24.1	2.780	96.1	3.6	0.9

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1692	12/10/2016 23:51	10.43	40.79	26.00	9.07	7.94	13.4	2.683	95.7	2.8	0.7
1693	12/11/2016 0:06	10.38	40.84	26.03	9.03	7.94	13.2	2.612	95.2	3.1	0.7
1694	12/11/2016 0:21	10.26	40.36	25.69	9.03	7.92	11.7	2.539	94.8	3.1	0.7
1695	12/11/2016 0:36	10.30	40.31	25.66	9.05	7.92	11.3	2.453	95.1	3.3	0.8
1696	12/11/2016 0:51	10.26	40.12	25.52	9.06	7.92	12.1	2.370	95.0	3.1	0.7
1697	12/11/2016 1:06	10.24	40.16	25.55	9.07	7.93	11.8	2.315	95.1	3.1	0.7
1698	12/11/2016 1:21	10.27	40.09	25.50	9.07	7.93	11.4	2.230	95.1	3.0	0.7
1699	12/11/2016 1:36	10.24	40.11	25.51	9.05	7.93	11.6	2.157	94.9	3.5	0.8
1700	12/11/2016 1:51	10.21	39.81	25.30	9.10	7.93	11.1	2.129	95.2	3.5	0.8
1701	12/11/2016 2:06	10.27	40.14	25.53	9.01	7.94	10.6	2.082	94.5	3.2	0.8
1702	12/11/2016 2:21	10.30	40.43	25.74	8.97	7.92	9.3	2.051	94.3	2.7	0.6
1703	12/11/2016 2:36	10.33	40.57	25.84	9.06	7.92	9.5	2.065	95.3	2.9	0.7
1704	12/11/2016 2:51	10.33	40.51	25.80	9.09	7.92	9.5	2.086	95.6	3.7	0.9
1705	12/11/2016 3:06	10.34	40.39	25.71	9.10	7.92	12.5	2.088	95.8	3.4	0.8
1706	12/11/2016 3:21	10.32	40.17	25.56	9.10	7.91	10.4	2.148	95.6	3.2	0.8
1707	12/11/2016 3:36	10.32	40.00	25.44	9.12	7.91	11.8	2.219	95.7	2.8	0.7
1708	12/11/2016 3:51	10.33	39.96	25.41	9.08	7.91	15.3	2.277	95.3	2.9	0.7
1709	12/11/2016 4:06	10.41	40.45	25.76	9.06	7.91	13.9	2.369	95.5	3.2	0.8
1710	12/11/2016 4:21	10.45	40.52	25.81	9.07	7.92	13.5	2.433	95.7	3.5	0.8
1711	12/11/2016 4:36	10.49	40.68	25.92	9.06	7.92	13.1	2.539	95.7	2.7	0.6
1712	12/11/2016 4:51	10.52	41.16	26.26	9.03	7.92	15.8	2.627	95.7	3.7	0.9
1713	12/11/2016 5:06	10.56	41.93	26.81	9.05	7.94	20.5	2.712	96.3	3.0	0.7
1714	12/11/2016 5:21	10.53	41.51	26.51	9.08	7.93	17.0	2.788	96.4	3.5	0.8
1715	12/11/2016 5:36	10.52	40.94	26.11	9.10	7.93	17.1	2.917	96.4	3.1	0.7
1716	12/11/2016 5:51	10.65	42.11	26.94	9.05	7.94	23.4	2.979	96.6	3.3	0.8
1717	12/11/2016 6:06	10.73	43.05	27.61	9.06	7.96	25.6	3.078	97.3	2.8	0.7
1718	12/11/2016 6:21	10.79	43.50	27.93	9.06	7.97	19.7	3.180	97.6	2.8	0.7
1719	12/11/2016 6:36	10.83	43.91	28.22	9.07	7.97	22.3	3.292	98.0	2.9	0.7
1720	12/11/2016 6:51	10.86	44.20	28.43	9.08	7.98	26.0	3.395	98.3	3.4	0.8
1721	12/11/2016 7:06	10.93	44.82	28.87	9.14	7.99	29.4	3.504	99.3	2.8	0.7
1722	12/11/2016 7:21	10.95	45.14	29.11	9.19	8.00	24.4	3.600	100.1	3.6	0.9
1723	12/11/2016 7:36	11.01	45.48	29.35	9.28	8.01	21.8	3.680	101.3	2.8	0.7
1724	12/11/2016 7:51	11.07	45.58	29.43	9.31	8.02	17.1	3.788	101.9	3.0	0.7
1725	12/11/2016 8:06	11.18	45.64	29.47	9.44	8.04	13.3	3.861	103.6	2.6	0.6
1726	12/11/2016 8:21	11.22	45.59	29.44	9.44	8.04	10.3	3.934	103.6	1.9	0.5
1727	12/11/2016 8:36	11.21	45.55	29.41	9.42	8.04	9.6	3.991	103.4	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
1728	12/11/2016 8:51	11.21	45.53	29.39	9.38	8.04	9.4	4.036	102.9	2.3	0.5
1729	12/11/2016 9:06	11.22	45.47	29.35	9.38	8.05	8.6	4.059	102.9	2.6	0.6
1730	12/11/2016 9:21	11.13	45.34	29.26	9.32	8.05	8.8	4.063	102.0	1.8	0.4
1731	12/11/2016 9:36	11.22	45.46	29.35	9.29	8.05	8.5	4.046	101.9	2.3	0.5
1732	12/11/2016 9:51	11.25	45.55	29.41	9.35	8.05	9.5	4.008	102.7	2.5	0.6
1733	12/11/2016 10:06	10.87	44.44	28.60	9.19	7.99	9.4	3.939	99.7	2.6	0.6
1734	12/11/2016 10:21	10.86	43.85	28.18	9.26	8.01	9.9	3.862	100.1	2.6	0.6
1735	12/11/2016 10:36	10.83	43.39	27.85	9.37	8.01	11.5	3.757	101.0	2.5	0.6
1736	12/11/2016 10:51	11.07	44.67	28.77	9.34	8.03	14.1	3.628	101.8	2.5	0.6
1737	12/11/2016 11:06	10.83	43.28	27.77	9.31	8.00	16.1	3.512	100.4	2.8	0.7
1738	12/11/2016 11:21	10.82	43.78	28.13	9.20	7.97	18.7	3.382	99.3	3.0	0.7
1739	12/11/2016 11:36	10.64	42.23	27.02	9.19	7.96	21.4	3.258	98.2	3.0	0.7
1740	12/11/2016 11:51	10.61	41.81	26.72	9.17	7.94	18.3	3.123	97.7	3.2	0.8
1741	12/11/2016 12:06	10.65	41.75	26.69	9.20	7.96	15.5	2.995	98.0	2.8	0.7
1742	12/11/2016 12:21	10.67	41.65	26.61	9.18	7.95	11.4	2.859	97.9	2.8	0.7
1743	12/11/2016 12:36	10.69	41.63	26.60	9.25	7.95	11.4	2.717	98.6	2.7	0.6
1744	12/11/2016 12:51	10.73	41.69	26.65	9.27	7.96	9.5	2.586	99.0	2.6	0.6
1745	12/11/2016 13:06	10.79	41.78	26.71	9.27	7.96	9.5	2.431	99.1	3.0	0.7
1746	12/11/2016 13:21	10.66	41.23	26.32	9.20	7.93	15.6	2.278	97.9	3.1	0.7
1747	12/11/2016 13:36	10.73	41.22	26.31	9.23	7.94	13.9	2.142	98.3	2.9	0.7
1748	12/11/2016 13:51	10.65	40.96	26.12	9.21	7.94	14.1	1.995	97.8	2.9	0.7
1749	12/11/2016 14:06	10.63	40.74	25.97	9.28	7.95	15.9	1.837	98.4	2.6	0.6
1750	12/11/2016 14:21	10.58	40.64	25.90	9.30	7.94	15.1	1.701	98.4	2.9	0.7
1751	12/11/2016 14:36	10.54	40.60	25.87	9.28	7.94	13.1	1.560	98.2	3.0	0.7
1752	12/11/2016 14:51	10.56	40.60	25.87	9.28	7.94	13.0	1.450	98.2	3.3	0.8
1753	12/11/2016 15:06	10.56	40.52	25.82	9.32	7.94	12.6	1.343	98.6	2.8	0.7
1754	12/11/2016 15:21	10.57	40.42	25.75	9.35	7.94	12.2	1.258	98.9	3.4	0.8
1755	12/11/2016 15:36	10.57	40.39	25.72	9.33	7.94	11.2	1.225	98.7	2.8	0.7
1756	12/11/2016 15:51	10.59	40.42	25.74	9.37	7.94	12.9	1.198	99.1	3.3	0.8
1757	12/11/2016 16:06	10.58	40.48	25.79	9.38	7.94	10.4	1.241	99.2	2.7	0.6
1758	12/11/2016 16:21	10.55	40.47	25.78	9.36	7.94	10.4	1.292	99.0	3.3	0.8
1759	12/11/2016 16:36	10.48	40.21	25.60	9.36	7.94	10.8	1.384	98.6	3.8	0.9
1760	12/11/2016 16:51	10.48	39.34	24.98	9.32	7.92	13.2	1.470	97.9	3.9	0.9
1761	12/11/2016 17:06	10.49	39.19	24.88	9.28	7.92	12.6	1.548	97.4	3.9	0.9
1762	12/11/2016 17:21	10.50	39.44	25.05	9.24	7.90	12.7	1.657	97.2	3.4	0.8
1763	12/11/2016 17:36	10.53	39.13	24.84	9.27	7.89	12.3	1.750	97.4	3.3	0.8

sonde #2

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1764	12/11/2016 17:51	10.53	39.61	25.18	9.23	7.91	11.7	1.821	97.1	3.7	0.9
1765	12/11/2016 18:06	10.55	39.75	25.27	9.20	7.92	12.5	1.930	96.9	3.2	0.8
1766	12/11/2016 18:21	10.58	39.70	25.24	9.19	7.92	10.6	2.021	96.9	3.7	0.9
1767	12/11/2016 18:36	10.60	40.63	25.89	9.15	7.93	12.0	2.128	96.9	3.4	0.8
1768	12/11/2016 18:51	10.61	40.97	26.13	9.13	7.94	13.0	2.214	96.9	3.5	0.8
1769	12/11/2016 19:06	10.60	41.09	26.22	9.10	7.94	14.4	2.315	96.6	2.7	0.6
1770	12/11/2016 19:21	10.60	41.20	26.29	9.13	7.94	14.7	2.430	96.9	2.5	0.6
1771	12/11/2016 19:36	10.60	41.31	26.37	9.12	7.94	17.0	2.529	96.9	3.1	0.7
1772	12/11/2016 19:51	10.60	41.40	26.43	9.10	7.94	14.8	2.623	96.8	3.0	0.7
1773	12/11/2016 20:06	10.60	41.15	26.26	9.13	7.94	13.6	2.719	96.9	3.0	0.7
1774	12/11/2016 20:21	10.66	41.50	26.51	9.16	7.95	22.3	2.816	97.5	3.5	0.8
1775	12/11/2016 20:36	10.67	41.57	26.56	9.16	7.95	24.2	2.879	97.6	3.3	0.8
1776	12/11/2016 20:51	10.69	41.56	26.55	9.18	7.95	22.2	2.968	97.9	3.3	0.8
1777	12/11/2016 21:06	10.75	42.05	26.90	9.31	7.98	20.1	3.047	99.6	3.4	0.8
1778	12/11/2016 21:21	10.81	42.52	27.24	9.38	7.98	17.1	3.122	100.7	3.0	0.7
1779	12/11/2016 21:36	10.85	42.82	27.45	9.39	8.00	17.8	3.201	101.0	3.3	0.8
1780	12/11/2016 21:51	10.88	42.98	27.56	9.43	8.00	13.6	3.261	101.6	3.5	0.8
1781	12/11/2016 22:06	10.91	43.08	27.64	9.40	8.01	11.8	3.302	101.4	2.5	0.6
1782	12/11/2016 22:21	10.92	43.16	27.69	9.42	8.01	11.2	3.341	101.6	2.5	0.6
1783	12/11/2016 22:36	10.90	43.03	27.60	9.37	8.01	7.6	3.356	101.0	3.3	0.8
1784	12/11/2016 22:51	10.92	43.19	27.72	9.38	8.01	10.3	3.333	101.2	3.4	0.8
1785	12/11/2016 23:06	10.86	42.78	27.42	9.40	8.00	12.7	3.318	101.2	2.0	0.5
1786	12/11/2016 23:21	10.76	42.45	27.18	9.32	8.00	12.9	3.258	99.9	2.5	0.6
1787	12/11/2016 23:36	10.61	41.75	26.68	9.28	7.97	13.5	3.177	98.8	2.9	0.7
1788	12/11/2016 23:51	10.70	42.27	27.05	9.36	8.00	11.4	3.102	100.1	3.0	0.7
1789	12/12/2016 0:06	10.62	41.84	26.75	9.27	7.98	11.7	3.015	98.8	3.0	0.7
1790	12/12/2016 0:21	10.50	41.20	26.29	9.18	7.95	11.6	2.915	97.3	3.2	0.8
1791	12/12/2016 0:36	10.48	41.26	26.33	9.10	7.95	10.2	2.831	96.4	2.6	0.6
1792	12/12/2016 0:51	10.45	41.17	26.27	9.07	7.95	9.7	2.753	95.9	3.1	0.7
1793	12/12/2016 1:06	10.43	41.09	26.21	9.08	7.94	10.1	2.664	96.0	2.7	0.6
1794	12/12/2016 1:21	10.40	41.05	26.18	9.03	7.93	10.0	2.585	95.4	3.0	0.7
1795	12/12/2016 1:36	10.36	40.87	26.05	9.09	7.92	10.7	2.501	95.9	3.7	0.9
1796	12/12/2016 1:51	10.31	40.47	25.77	9.10	7.90	9.8	2.418	95.7	3.2	0.8
1797	12/12/2016 2:06	10.27	40.34	25.68	9.08	7.92	9.2	2.341	95.3	3.2	0.8
1798	12/12/2016 2:21	10.24	40.08	25.49	9.11	7.93	8.7	2.277	95.5	3.2	0.8
1799	12/12/2016 2:36	10.21	39.98	25.42	9.10	7.93	9.7	2.232	95.3	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
1800	12/12/2016 2:51	10.17	39.98	25.42	9.05	7.93	8.9	2.159	94.7	3.0	0.7
1801	12/12/2016 3:06	10.20	40.02	25.44	9.08	7.93	9.4	2.119	95.1	3.3	0.8
1802	12/12/2016 3:21	10.23	39.94	25.39	9.04	7.92	7.6	2.118	94.7	3.1	0.7
1803	12/12/2016 3:36	10.26	39.99	25.43	9.08	7.93	8.6	2.111	95.2	3.0	0.7
1804	12/12/2016 3:51	10.29	40.09	25.50	9.07	7.90	8.4	2.113	95.2	3.2	0.8
1805	12/12/2016 4:06	10.27	40.03	25.46	9.06	7.91	8.7	2.165	95.0	2.5	0.6
1806	12/12/2016 4:21	10.29	40.10	25.51	9.08	7.90	9.7	2.224	95.3	3.1	0.7
1807	12/12/2016 4:36	10.22	39.83	25.31	9.09	7.91	8.8	2.282	95.1	2.8	0.7
1808	12/12/2016 4:51	10.27	39.88	25.35	9.10	7.89	10.1	2.367	95.3	2.3	0.5
1809	12/12/2016 5:06	10.31	40.01	25.45	9.08	7.92	10.9	2.470	95.3	3.4	0.8
1810	12/12/2016 5:21	10.36	40.17	25.56	9.07	7.92	11.9	2.557	95.4	2.8	0.7
1811	12/12/2016 5:36	10.42	40.37	25.70	9.13	7.92	10.7	2.642	96.2	2.7	0.6
1812	12/12/2016 5:51	10.52	41.10	26.22	9.15	7.94	14.7	2.736	97.0	2.9	0.7
1813	12/12/2016 6:06	10.55	41.49	26.50	9.17	7.96	12.2	2.828	97.4	3.0	0.7
1814	12/12/2016 6:21	10.55	41.66	26.62	9.18	7.95	13.7	2.937	97.5	3.2	0.8
1815	12/12/2016 6:36	10.58	41.83	26.74	9.19	7.96	13.3	3.032	97.8	2.5	0.6
1816	12/12/2016 6:51	10.66	42.05	26.89	9.19	7.97	19.5	3.137	98.1	3.3	0.8
1817	12/12/2016 7:06	10.74	42.40	27.15	9.22	7.98	21.6	3.240	98.8	3.3	0.8
1818	12/12/2016 7:21	10.80	42.89	27.49	9.21	7.99	19.4	3.356	98.9	3.0	0.7
1819	12/12/2016 7:36	10.83	43.18	27.70	9.19	8.01	20.7	3.471	99.0	3.3	0.8
1820	12/12/2016 7:51	10.92	43.69	28.07	9.16	8.03	21.9	3.576	99.1	3.0	0.7
1821	12/12/2016 8:06	11.04	44.38	28.57	9.16	8.05	23.0	3.689	99.7	3.0	0.7
1822	12/12/2016 8:21	11.09	44.70	28.79	9.14	8.05	18.2	3.797	99.7	3.0	0.7
1823	12/12/2016 8:36	11.12	44.85	28.90	9.15	8.06	15.8	3.889	99.9	2.5	0.6
1824	12/12/2016 8:51	11.15	45.00	29.01	9.18	8.05	14.1	3.983	100.3	2.4	0.6
1825	12/12/2016 9:06	11.18	45.15	29.12	9.14	8.06	12.5	4.060	100.1	2.3	0.5
1826	12/12/2016 9:21	11.22	45.36	29.28	9.11	8.05	10.8	4.123	99.9	2.1	0.5
1827	12/12/2016 9:36	11.29	45.57	29.42	9.08	8.06	8.6	4.177	99.9	2.7	0.6
1828	12/12/2016 9:51	11.30	45.59	29.44	9.05	8.06	8.1	4.206	99.5	2.0	0.5
1829	12/12/2016 10:06	11.31	45.62	29.46	8.98	8.06	7.2	4.221	98.8	2.6	0.6
1830	12/12/2016 10:21	11.30	45.56	29.42	9.01	8.06	8.1	4.192	99.1	2.0	0.5
1831	12/12/2016 10:36	11.24	45.32	29.24	9.03	8.06	10.1	4.154	99.1	2.3	0.5
1832	12/12/2016 10:51	11.26	45.27	29.21	9.06	8.06	10.4	4.071	99.4	2.2	0.5
1833	12/12/2016 11:06	11.31	45.08	29.08	9.13	8.05	8.9	3.952	100.2	2.5	0.6
1834	12/12/2016 11:21	11.04	43.43	27.89	9.20	8.02	8.4	3.873	99.7	2.4	0.6
1835	12/12/2016 11:36	10.95	42.66	27.34	9.19	8.00	7.6	3.739	99.0	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
1836	12/12/2016 11:51	10.92	42.51	27.23	9.19	7.99	8.6	3.591	98.9	2.5	0.6
1837	12/12/2016 12:06	10.90	42.33	27.11	9.19	7.99	10.1	3.452	98.8	2.4	0.6
1838	12/12/2016 12:21	10.83	41.75	26.69	9.18	7.97	13.3	3.319	98.3	2.8	0.7
1839	12/12/2016 12:36	10.79	41.66	26.63	9.21	7.97	12.5	3.177	98.4	2.5	0.6
1840	12/12/2016 12:51	10.84	41.59	26.58	9.22	7.96	11.4	3.020	98.6	2.1	0.5
1841	12/12/2016 13:06	10.92	41.82	26.74	9.23	7.96	10.8	2.859	99.0	2.9	0.7
1842	12/12/2016 13:21	10.87	41.73	26.68	9.28	7.96	10.1	2.725	99.3	2.7	0.6
1843	12/12/2016 13:36	11.02	42.08	26.93	9.26	7.98	10.5	2.585	99.6	2.4	0.6
1844	12/12/2016 13:51	11.07	41.92	26.82	9.26	7.98	10.8	2.417	99.7	2.5	0.6
1845	12/12/2016 14:06	10.91	41.34	26.40	9.25	7.96	14.8	2.247	98.9	3.0	0.7
1846	12/12/2016 14:21	10.82	40.97	26.14	9.32	7.96	17.0	2.076	99.4	3.5	0.8
1847	12/12/2016 14:36	10.72	40.56	25.85	9.32	7.94	18.8	1.923	98.9	3.2	0.8
1848	12/12/2016 14:51	10.74	40.51	25.82	9.36	7.94	21.6	1.730	99.4	3.1	0.7
1849	12/12/2016 15:06	10.72	40.41	25.74	9.34	7.94	25.2	1.574	99.1	3.9	0.9
1850	12/12/2016 15:21	10.70	40.35	25.70	9.36	7.94	26.1	1.419	99.2	3.4	0.8
1851	12/12/2016 15:36	10.70	40.27	25.64	9.34	7.93	33.4	1.270	99.0	3.7	0.9
1852	12/12/2016 15:51	10.73	40.27	25.64	9.33	7.93	28.6	1.139	98.9	3.9	0.9
1853	12/12/2016 16:06	10.73	40.22	25.61	9.36	7.93	25.5	1.026	99.2	3.7	0.9
1854	12/12/2016 16:21	10.72	40.10	25.53	9.35	7.93	20.0	0.959	99.1	2.9	0.7
1855	12/12/2016 16:36	10.69	39.97	25.43	9.34	7.93	20.5	0.970	98.9	3.8	0.9
1856	12/12/2016 16:51	10.63	39.68	25.22	9.41	7.93	19.6	1.013	99.3	2.9	0.7
1857	12/12/2016 17:06	10.61	39.75	25.28	9.42	7.93	16.9	1.113	99.4	3.4	0.8
1858	12/12/2016 17:21	10.58	39.73	25.26	9.43	7.93	17.8	1.207	99.4	4.0	0.9
1859	12/12/2016 17:36	10.53	38.83	24.63	9.40	7.92	15.0	1.294	98.7	3.7	0.9
1860	12/12/2016 17:51	10.55	38.75	24.57	9.40	7.91	16.7	1.388	98.6	4.0	1.0
1861	12/12/2016 18:06	10.56	38.86	24.65	9.37	7.91	14.5	1.462	98.4	3.6	0.8
1862	12/12/2016 18:21	10.59	39.04	24.78	9.34	7.91	13.6	1.567	98.2	3.9	0.9
1863	12/12/2016 18:36	10.60	39.16	24.86	9.32	7.92	13.3	1.642	98.1	3.3	0.8
1864	12/12/2016 18:51	10.61	39.28	24.94	9.34	7.92	12.8	1.738	98.3	3.4	0.8
1865	12/12/2016 19:06	10.63	39.44	25.06	9.29	7.93	13.1	1.842	98.0	4.0	0.9
1866	12/12/2016 19:21	10.68	40.27	25.64	9.26	7.93	15.6	1.932	98.1	3.2	0.8
1867	12/12/2016 19:36	10.69	40.19	25.59	9.26	7.93	14.7	2.059	98.1	2.8	0.7
1868	12/12/2016 19:51	10.72	40.70	25.95	9.25	7.95	16.5	2.166	98.2	3.6	0.9
1869	12/12/2016 20:06	10.71	40.73	25.97	9.24	7.94	16.9	2.277	98.1	2.7	0.6
1870	12/12/2016 20:21	10.71	40.83	26.04	9.23	7.94	21.6	2.389	98.1	3.7	0.9
1871	12/12/2016 20:36	10.71	40.92	26.10	9.25	7.95	22.6	2.503	98.4	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
1872	12/12/2016 20:51	10.70	41.07	26.21	9.27	7.95	25.6	2.610	98.6	3.1	0.7
1873	12/12/2016 21:06	10.72	41.15	26.26	9.27	7.96	26.0	2.706	98.7	3.6	0.8
1874	12/12/2016 21:21	10.76	41.38	26.43	9.26	7.98	22.8	2.809	98.8	3.7	0.9
1875	12/12/2016 21:36	10.86	41.99	26.86	9.28	7.99	22.7	2.909	99.5	2.6	0.6
1876	12/12/2016 21:51	10.96	42.56	27.27	9.34	8.01	21.1	2.994	100.6	3.6	0.8
1877	12/12/2016 22:06	11.02	42.93	27.53	9.37	8.02	18.8	3.095	101.2	2.7	0.6
1878	12/12/2016 22:21	11.04	43.07	27.64	9.33	8.03	18.8	3.177	100.9	2.7	0.6
1879	12/12/2016 22:36	11.07	43.23	27.75	9.29	8.03	18.9	3.257	100.6	3.2	0.8
1880	12/12/2016 22:51	11.11	43.42	27.89	9.26	8.04	20.1	3.313	100.5	2.5	0.6
1881	12/12/2016 23:06	11.18	43.72	28.10	9.24	8.05	13.8	3.373	100.6	2.5	0.6
1882	12/12/2016 23:21	11.23	43.97	28.28	9.19	8.06	11.2	3.417	100.2	2.8	0.7
1883	12/12/2016 23:36	11.24	44.05	28.34	9.15	8.06	8.1	3.428	99.8	2.5	0.6
1884	12/12/2016 23:51	11.23	44.01	28.31	9.13	8.06	8.9	3.435	99.6	2.6	0.6
1885	12/13/2016 0:06	11.23	44.02	28.31	9.16	8.06	10.3	3.397	99.9	2.4	0.6
1886	12/13/2016 0:21	11.00	43.11	27.66	9.19	8.03	12.8	3.341	99.3	2.8	0.7
1887	12/13/2016 0:36	10.79	42.40	27.15	9.23	8.01	17.5	3.246	98.9	3.2	0.8
1888	12/13/2016 0:51	10.75	42.21	27.02	9.20	8.00	13.9	3.167	98.5	3.0	0.7
1889	12/13/2016 1:06	10.74	42.05	26.90	9.19	7.99	13.2	3.079	98.2	2.8	0.7
1890	12/13/2016 1:21	10.68	41.80	26.72	9.19	7.99	15.5	2.977	98.0	3.1	0.7
1891	12/13/2016 1:36	10.66	41.74	26.68	9.21	7.97	11.2	2.877	98.2	2.5	0.6
1892	12/13/2016 1:51	10.64	41.60	26.58	9.18	7.97	10.3	2.792	97.7	2.7	0.6
1893	12/13/2016 2:06	10.59	41.39	26.43	9.16	7.96	10.0	2.700	97.3	2.8	0.7
1894	12/13/2016 2:21	10.54	41.13	26.24	9.12	7.93	9.7	2.620	96.7	3.2	0.8
1895	12/13/2016 2:36	10.45	40.59	25.86	9.18	7.92	10.8	2.528	96.9	2.6	0.6
1896	12/13/2016 2:51	10.46	40.99	26.14	9.15	7.93	10.0	2.436	96.7	2.7	0.6
1897	12/13/2016 3:06	10.41	40.65	25.90	9.15	7.92	10.4	2.380	96.5	2.9	0.7
1898	12/13/2016 3:21	10.36	40.35	25.69	9.14	7.91	9.7	2.297	96.2	2.9	0.7
1899	12/13/2016 3:36	10.31	40.20	25.58	9.12	7.93	9.2	2.221	95.9	3.0	0.7
1900	12/13/2016 3:51	10.27	39.97	25.42	9.14	7.93	9.2	2.188	95.9	2.9	0.7
1901	12/13/2016 4:06	10.26	39.84	25.32	9.10	7.92	9.0	2.148	95.3	3.6	0.8
1902	12/13/2016 4:21	10.28	39.84	25.33	9.04	7.92	9.0	2.128	94.8	2.7	0.6
1903	12/13/2016 4:36	10.45	40.32	25.67	9.14	7.93	9.5	2.134	96.4	2.7	0.6
1904	12/13/2016 4:51	10.40	40.23	25.60	9.11	7.92	8.9	2.154	95.9	2.6	0.6
1905	12/13/2016 5:06	10.30	40.15	25.54	9.13	7.93	9.6	2.206	95.8	2.8	0.7
1906	12/13/2016 5:21	10.36	40.32	25.67	9.13	7.93	10.4	2.260	96.0	3.1	0.7
1907	12/13/2016 5:36	10.27	40.03	25.45	9.17	7.92	9.5	2.345	96.2	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
1908	12/13/2016 5:51	10.33	40.09	25.50	9.17	7.93	11.6	2.425	96.3	2.8	0.7
1909	12/13/2016 6:06	10.42	40.49	25.79	9.18	7.94	13.6	2.520	96.7	3.0	0.7
1910	12/13/2016 6:21	10.47	40.97	26.13	9.16	7.95	12.5	2.614	96.8	3.0	0.7
1911	12/13/2016 6:36	10.63	41.53	26.53	9.17	7.96	13.8	2.702	97.6	2.9	0.7
1912	12/13/2016 6:51	10.67	41.80	26.72	9.20	7.97	13.0	2.802	98.1	2.8	0.7
1913	12/13/2016 7:06	10.70	41.98	26.85	9.20	7.98	12.9	2.890	98.2	3.0	0.7
1914	12/13/2016 7:21	10.74	42.19	27.00	9.19	7.98	14.9	2.995	98.3	3.0	0.7
1915	12/13/2016 7:36	10.77	42.35	27.11	9.21	8.00	15.6	3.089	98.7	3.4	0.8
1916	12/13/2016 7:51	10.86	42.77	27.41	9.18	8.02	18.9	3.199	98.7	3.3	0.8
1917	12/13/2016 8:06	10.91	43.19	27.71	9.20	8.04	17.0	3.316	99.2	2.6	0.6
1918	12/13/2016 8:21	10.99	43.58	28.00	9.17	8.04	15.5	3.428	99.3	2.1	0.5
1919	12/13/2016 8:36	11.06	43.95	28.26	9.19	8.06	15.7	3.548	99.8	2.2	0.5
1920	12/13/2016 8:51	11.15	44.31	28.52	9.19	8.06	15.7	3.659	100.1	1.8	0.4
1921	12/13/2016 9:06	11.24	44.70	28.80	9.20	8.07	16.3	3.765	100.7	2.2	0.5
1922	12/13/2016 9:21	11.28	44.89	28.94	9.22	8.09	14.4	3.877	101.1	2.1	0.5
1923	12/13/2016 9:36	11.28	45.30	29.23	9.11	8.08	14.0	3.973	100.0	2.3	0.5
1924	12/13/2016 9:51	11.24	45.91	29.67	8.83	8.06	12.2	4.051	97.1	2.1	0.5
1925	12/13/2016 10:06	11.17	46.57	30.14	8.51	8.05	13.0	4.129	93.8	1.9	0.5
1926	12/13/2016 10:21	11.13	47.09	30.51	8.26	8.04	10.0	4.183	91.2	1.4	0.3
1927	12/13/2016 10:36	11.13	47.24	30.62	8.19	8.04	9.3	4.206	90.5	1.7	0.4
1928	12/13/2016 10:51	11.11	47.41	30.74	8.14	8.05	8.3	4.225	89.9	1.7	0.4
1929	12/13/2016 11:06	11.11	47.35	30.70	8.11	8.04	11.2	4.212	89.5	1.6	0.4
1930	12/13/2016 11:21	11.11	47.37	30.71	8.12	8.04	9.8	4.166	89.6	1.2	0.3
1931	12/13/2016 11:36	11.19	46.03	29.75	8.56	8.05	9.7	4.103	94.2	2.2	0.5
1932	12/13/2016 11:51	11.23	45.00	29.02	9.00	8.07	9.3	4.000	98.6	1.9	0.4
1933	12/13/2016 12:06	10.92	43.63	28.03	9.01	8.03	8.6	3.901	97.4	2.9	0.7
1934	12/13/2016 12:21	10.89	43.32	27.80	9.08	8.02	8.7	3.780	97.9	2.5	0.6
1935	12/13/2016 12:36	10.89	43.06	27.62	9.11	8.03	9.4	3.639	98.2	2.5	0.6
1936	12/13/2016 12:51	10.84	42.69	27.36	9.18	8.01	12.2	3.487	98.6	2.7	0.6
1937	12/13/2016 13:06	10.76	42.17	26.98	9.18	8.01	11.9	3.316	98.3	3.1	0.7
1938	12/13/2016 13:21	10.81	42.41	27.16	9.21	8.02	14.7	3.176	98.8	2.9	0.7
1939	12/13/2016 13:36	10.80	42.32	27.09	9.22	8.01	12.2	3.016	98.9	3.3	0.8
1940	12/13/2016 13:51	10.86	42.47	27.20	9.23	8.02	11.1	2.836	99.1	2.6	0.6
1941	12/13/2016 14:06	10.81	42.25	27.04	9.24	8.01	12.2	2.691	99.0	3.4	0.8
1942	12/13/2016 14:21	10.84	42.23	27.03	9.20	8.01	12.6	2.519	98.6	3.0	0.7
1943	12/13/2016 14:36	10.67	41.59	26.57	9.22	7.99	16.4	2.355	98.2	3.2	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	Fluorescence %FS
1944	12/13/2016 14:51	10.72	41.78	26.71	9.20	7.99	14.7	2.172	98.3	2.8	0.7
1945	12/13/2016 15:06	10.63	41.34	26.39	9.23	7.98	17.6	1.991	98.1	3.9	0.9
1946	12/13/2016 15:21	10.47	40.76	25.98	9.19	7.96	20.1	1.828	97.1	3.7	0.9
1947	12/13/2016 15:36	10.47	40.68	25.92	9.22	7.95	18.8	1.654	97.4	3.8	0.9
1948	12/13/2016 15:51	10.44	40.47	25.77	9.20	7.94	19.7	1.453	97.0	3.7	0.9
1949	12/13/2016 16:06	10.41	40.31	25.66	9.19	7.94	21.9	1.284	96.8	3.8	0.9
1950	12/13/2016 16:21	10.39	40.23	25.60	9.18	7.94	24.3	1.107	96.6	3.7	0.9
1951	12/13/2016 16:36	10.37	40.15	25.54	9.20	7.93	23.3	0.959	96.7	3.7	0.9
1952	12/13/2016 16:51	10.32	39.97	25.42	9.15	7.93	18.6	0.822	96.0	4.1	1.0
1953	12/13/2016 17:06	10.31	39.97	25.42	9.15	7.93	18.4	0.732	96.0	3.5	0.8
1954	12/13/2016 17:21	10.31	40.00	25.44	9.22	7.93	16.5	0.762	96.8	3.7	0.9
1955	12/13/2016 17:36	10.27	39.87	25.34	9.23	7.93	15.1	0.811	96.7	3.4	0.8
1956	12/13/2016 17:51	10.27	39.89	25.36	9.23	7.93	14.3	0.925	96.8	3.1	0.7
1957	12/13/2016 18:06	10.27	39.84	25.33	9.21	7.93	14.3	1.051	96.5	3.8	0.9
1958	12/13/2016 18:21	10.24	39.49	25.07	9.24	7.92	15.2	1.139	96.6	3.5	0.8
1959	12/13/2016 18:36	10.21	39.06	24.78	9.27	7.91	14.4	1.209	96.7	3.9	0.9
1960	12/13/2016 18:51	10.24	39.17	24.86	9.23	7.92	13.6	1.295	96.3	3.2	0.8
1961	12/13/2016 19:06	10.25	39.12	24.82	9.25	7.92	13.1	1.388	96.5	3.4	0.8
1962	12/13/2016 19:21	10.28	39.34	24.97	9.21	7.93	13.4	1.471	96.3	3.3	0.8
1963	12/13/2016 19:36	10.29	39.43	25.04	9.22	7.92	12.1	1.568	96.5	3.8	0.9
1964	12/13/2016 19:51	10.27	39.22	24.89	9.24	7.92	13.0	1.672	96.5	3.2	0.8
1965	12/13/2016 20:06	10.31	39.36	24.99	9.25	7.93	13.2	1.781	96.8	3.7	0.9
1966	12/13/2016 20:21	10.49	40.57	25.85	9.20	7.96	14.6	1.914	97.2	2.9	0.7
1967	12/13/2016 20:36	10.51	40.76	25.98	9.17	7.96	16.2	2.043	97.0	2.9	0.7
1968	12/13/2016 20:51	10.50	40.77	25.98	9.16	7.95	18.2	2.164	96.9	3.5	0.8
1969	12/13/2016 21:06	10.51	40.99	26.14	9.16	7.96	20.1	2.304	97.0	3.4	0.8
1970	12/13/2016 21:21	10.57	41.25	26.33	9.17	7.97	23.1	2.412	97.3	3.1	0.7
1971	12/13/2016 21:36	10.60	41.43	26.46	9.15	7.99	21.1	2.525	97.3	3.3	0.8
1972	12/13/2016 21:51	10.66	41.62	26.59	9.18	7.99	29.0	2.639	97.8	3.3	0.8
1973	12/13/2016 22:06	10.71	41.99	26.85	9.14	7.99	28.9	2.750	97.7	2.9	0.7
1974	12/13/2016 22:21	10.79	43.02	27.59	9.09	8.02	20.5	2.864	97.7	2.7	0.6
1975	12/13/2016 22:36	10.82	43.49	27.92	9.04	8.03	20.2	2.953	97.5	2.8	0.7
1976	12/13/2016 22:51	10.85	43.93	28.24	8.97	8.03	21.6	3.051	97.0	2.5	0.6
1977	12/13/2016 23:06	10.86	44.12	28.37	8.89	8.03	24.1	3.158	96.2	2.9	0.7
1978	12/13/2016 23:21	10.91	44.65	28.75	8.85	8.03	19.5	3.233	96.1	2.4	0.6
1979	12/13/2016 23:36	10.99	45.29	29.21	8.77	8.04	17.8	3.327	95.7	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
1980	12/13/2016 23:51	11.07	45.88	29.64	8.70	8.05	16.1	3.387	95.3	2.3	0.6
1981	12/14/2016 0:06	11.08	46.02	29.74	8.71	8.05	13.7	3.453	95.5	2.3	0.6
1982	12/14/2016 0:21	11.11	46.15	29.83	8.71	8.05	10.1	3.475	95.6	2.3	0.6
1983	12/14/2016 0:36	11.12	46.19	29.86	8.61	8.05	9.2	3.480	94.6	4.8	1.1
1984	12/14/2016 0:51	11.12	46.17	29.85	8.64	8.06	11.1	3.472	94.9	2.3	0.5
1985	12/14/2016 1:06	10.99	45.08	29.07	8.73	8.05	11.7	3.424	95.1	2.1	0.5
1986	12/14/2016 1:21	10.95	44.87	28.91	8.75	8.05	11.9	3.353	95.2	2.6	0.6
1987	12/14/2016 1:36	10.79	43.90	28.21	8.86	8.03	15.7	3.284	95.6	2.7	0.6
1988	12/14/2016 1:51	10.76	43.64	28.03	8.88	8.02	13.0	3.196	95.7	2.7	0.6
1989	12/14/2016 2:06	10.74	43.41	27.86	8.93	8.02	11.4	3.078	96.1	2.6	0.6
1990	12/14/2016 2:21	10.70	43.00	27.57	8.96	8.01	10.4	2.987	96.1	3.0	0.7
1991	12/14/2016 2:36	10.69	42.85	27.47	8.96	8.01	10.8	2.897	96.0	2.3	0.5
1992	12/14/2016 2:51	10.67	42.61	27.29	8.98	8.01	10.0	2.785	96.2	3.1	0.7
1993	12/14/2016 3:06	10.64	42.27	27.05	9.02	8.00	10.1	2.696	96.4	2.9	0.7
1994	12/14/2016 3:21	10.60	41.91	26.80	9.02	7.99	10.4	2.616	96.1	2.8	0.7
1995	12/14/2016 3:36	10.63	42.05	26.89	9.05	7.98	10.1	2.548	96.6	3.3	0.8
1996	12/14/2016 3:51	10.51	41.14	26.25	9.11	7.96	10.1	2.469	96.5	2.7	0.6
1997	12/14/2016 4:06	10.54	41.45	26.47	9.05	7.98	9.7	2.380	96.1	2.9	0.7
1998	12/14/2016 4:21	10.49	40.96	26.12	9.07	7.98	9.7	2.334	96.0	3.2	0.8
1999	12/14/2016 4:36	10.47	40.69	25.93	9.06	7.96	8.9	2.277	95.7	3.2	0.8
2000	12/14/2016 4:51	10.46	40.53	25.82	9.05	7.96	8.9	2.236	95.5	2.8	0.7
2001	12/14/2016 5:06	10.43	40.28	25.64	9.09	7.95	8.6	2.199	95.8	3.2	0.8
2002	12/14/2016 5:21	10.49	40.79	26.00	9.02	7.96	10.0	2.183	95.4	2.6	0.6
2003	12/14/2016 5:36	10.47	40.55	25.83	9.08	7.96	9.5	2.214	95.9	3.7	0.9
2004	12/14/2016 5:51	10.49	40.88	26.06	9.08	7.97	9.1	2.222	96.1	3.2	0.8
2005	12/14/2016 6:06	10.52	41.15	26.25	9.08	7.97	10.1	2.276	96.2	2.9	0.7
2006	12/14/2016 6:21	10.45	39.99	25.43	9.14	7.95	10.7	2.330	96.2	3.1	0.7
2007	12/14/2016 6:36	10.52	41.11	26.22	9.06	7.97	11.0	2.427	96.0	3.0	0.7
2008	12/14/2016 6:51	10.56	41.42	26.45	9.04	7.98	12.9	2.524	96.0	2.9	0.7
2009	12/14/2016 7:06	10.57	40.88	26.06	9.08	7.95	11.2	2.589	96.3	2.6	0.6
2010	12/14/2016 7:21	10.65	42.17	26.98	8.97	7.99	13.1	2.689	95.8	2.8	0.7
2011	12/14/2016 7:36	10.69	42.57	27.27	9.00	7.99	13.1	2.797	96.4	3.0	0.7
2012	12/14/2016 7:51	10.74	42.99	27.57	8.94	7.99	14.1	2.881	96.0	2.8	0.7
2013	12/14/2016 8:06	10.78	43.36	27.83	8.92	8.01	17.0	2.989	96.1	2.6	0.6
2014	12/14/2016 8:21	10.82	43.51	27.94	8.91	8.01	17.8	3.105	96.0	2.7	0.6
2015	12/14/2016 8:36	10.85	43.66	28.04	8.92	8.01	16.4	3.226	96.3	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
2016	12/14/2016 8:51	10.93	43.95	28.26	8.93	8.01	16.2	3.327	96.7	2.6	0.6
2017	12/14/2016 9:06	11.03	44.41	28.59	8.91	8.03	15.1	3.442	96.9	2.3	0.5
2018	12/14/2016 9:21	11.11	44.79	28.86	8.91	8.04	15.6	3.565	97.2	2.3	0.5
2019	12/14/2016 9:36	11.27	45.35	29.27	8.98	8.05	14.5	3.683	98.6	2.5	0.6
2020	12/14/2016 9:51	11.35	45.63	29.47	9.02	8.06	14.4	3.781	99.3	1.9	0.5
2021	12/14/2016 10:06	11.39	45.76	29.57	9.04	8.06	13.9	3.887	99.7	2.2	0.5
2022	12/14/2016 10:21	11.38	46.05	29.78	8.90	8.06	12.5	3.991	98.3	2.2	0.5
2023	12/14/2016 10:36	11.34	46.67	30.22	8.63	8.04	13.8	4.067	95.5	2.4	0.6
	Mean	11.10	42.97	27.57	9.02	8.00	13.84	2.67	97.62	2.78	0.66
	Minimum	8.95	37.81	23.95	8.11	7.89	4.50	0.73	89.50	1.10	0.30
	Maximum	13.12	47.93	31.07	9.71	8.09	83.10	4.23	104.10	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

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 #1

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	12/14/2016 11:06	11.23	47.33	30.69	7.77	7.89	10.8	4.353	86.0	2.0	0.5
1	12/14/2016 11:21	11.21	47.56	30.85	7.67	7.90	9.4	4.404	84.9	1.1	0.3
2	12/14/2016 11:36	11.21	47.59	30.87	7.62	7.90	8.6	4.425	84.4	2.0	0.5
3	12/14/2016 11:51	11.22	47.59	30.87	7.60	7.90	8.1	4.415	84.2	2.1	0.5
4	12/14/2016 12:06	11.21	47.61	30.89	7.59	7.90	9.6	4.384	84.1	1.2	0.3
5	12/14/2016 12:21	11.22	47.48	30.80	7.64	7.91	10.1	4.336	84.6	1.6	0.4
6	12/14/2016 12:36	11.35	45.79	29.58	8.30	7.93	9.2	4.257	91.5	2.5	0.6
7	12/14/2016 12:51	11.31	45.62	29.46	8.33	7.93	9.9	4.132	91.6	1.9	0.4
8	12/14/2016 13:06	11.28	45.22	29.17	8.35	7.92	10.6	4.006	91.7	2.5	0.6
9	12/14/2016 13:21	11.22	44.45	28.63	8.44	7.91	10.3	3.880	92.2	2.8	0.7
10	12/14/2016 13:36	11.09	43.04	27.62	8.56	7.89	13.3	3.725	92.7	2.6	0.6
11	12/14/2016 13:51	11.05	42.33	27.11	8.59	7.88	13.6	3.578	92.6	3.4	0.8
12	12/14/2016 14:06	11.05	41.99	26.87	8.62	7.87	12.0	3.431	92.8	2.6	0.6
13	12/14/2016 14:21	11.01	41.77	26.71	8.61	7.87	13.6	3.264	92.5	2.5	0.6
14	12/14/2016 14:36	10.95	41.49	26.51	8.63	7.86	13.4	3.106	92.4	2.6	0.6
15	12/14/2016 14:51	10.95	41.52	26.54	8.63	7.86	12.3	2.956	92.5	3.1	0.7
16	12/14/2016 15:06	11.01	42.06	26.92	8.60	7.86	11.9	2.781	92.5	2.8	0.7
17	12/14/2016 15:21	11.02	42.28	27.07	8.59	7.87	15.0	2.629	92.5	2.8	0.7
18	12/14/2016 15:36	10.91	41.62	26.60	8.59	7.85	16.4	2.471	92.0	3.2	0.8
19	12/14/2016 15:51	10.94	41.75	26.69	8.58	7.85	15.3	2.299	92.1	3.1	0.7
20	12/14/2016 16:06	10.90	41.65	26.63	8.57	7.85	15.8	2.124	91.8	3.1	0.7
21	12/14/2016 16:21	10.89	41.47	26.50	8.57	7.84	18.9	1.935	91.7	3.1	0.7
22	12/14/2016 16:36	10.84	41.03	26.18	8.57	7.83	19.4	1.783	91.5	3.2	0.7
23	12/14/2016 16:51	10.81	40.68	25.93	8.59	7.82	19.7	1.614	91.4	3.4	0.8
24	12/14/2016 17:06	10.79	40.39	25.73	8.62	7.82	21.8	1.436	91.6	3.4	0.8
25	12/14/2016 17:21	10.79	40.27	25.65	8.62	7.81	22.5	1.295	91.6	3.6	0.8
26	12/14/2016 17:36	10.79	40.17	25.58	8.62	7.81	23.1	1.160	91.5	4.2	1.0
27	12/14/2016 17:51	10.79	40.02	25.47	8.62	7.80	22.9	1.061	91.4	3.7	0.9
28	12/14/2016 18:06	10.79	39.90	25.38	8.60	7.80	18.1	0.959	91.2	3.9	0.9
29	12/14/2016 18:21	10.80	39.88	25.37	8.59	7.80	16.7	1.001	91.1	3.3	0.8
30	12/14/2016 18:36	10.80	39.83	25.34	8.65	7.80	15.1	1.068	91.7	3.3	0.8
31	12/14/2016 18:51	10.80	39.88	25.38	8.64	7.80	15.8	1.160	91.6	2.9	0.7
32	12/14/2016 19:06	10.79	39.53	25.13	8.64	7.80	15.9	1.298	91.5	3.5	0.8
33	12/14/2016 19:21	10.76	38.65	24.51	8.66	7.78	16.2	1.395	91.2	3.6	0.9
34	12/14/2016 19:36	10.75	38.70	24.55	8.62	7.78	16.6	1.494	90.8	3.5	0.8
35	12/14/2016 19:51	10.75	38.40	24.34	8.62	7.78	15.3	1.602	90.7	3.6	0.8
36	12/14/2016 20:06	10.76	38.82	24.63	8.58	7.79	14.7	1.695	90.5	3.5	0.8

sonde #1

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	12/14/2016 20:21	10.76	38.80	24.62	8.58	7.79	13.8	1.801	90.5	4.0	1.0
38	12/14/2016 20:36	10.80	39.70	25.25	8.53	7.80	14.3	1.901	90.4	3.4	0.8
39	12/14/2016 20:51	10.82	39.80	25.32	8.55	7.80	13.1	2.014	90.6	3.6	0.8
40	12/14/2016 21:06	10.84	40.32	25.68	8.54	7.81	15.1	2.138	90.8	3.2	0.8
41	12/14/2016 21:21	10.84	40.59	25.88	8.55	7.82	17.2	2.254	91.1	3.2	0.8
42	12/14/2016 21:36	10.84	40.79	26.01	8.56	7.82	20.2	2.380	91.2	3.5	0.8
43	12/14/2016 21:51	10.87	40.79	26.02	8.55	7.83	20.0	2.496	91.2	3.7	0.9
44	12/14/2016 22:06	10.90	40.65	25.92	8.57	7.83	19.9	2.612	91.4	3.4	0.8
45	12/14/2016 22:21	10.96	40.58	25.87	8.59	7.84	20.5	2.732	91.6	3.3	0.8
46	12/14/2016 22:36	11.02	41.08	26.23	8.58	7.85	23.6	2.844	92.0	3.3	0.8
47	12/14/2016 22:51	11.11	42.00	26.88	8.53	7.86	23.8	2.970	92.0	3.1	0.7
48	12/14/2016 23:06	11.19	42.88	27.51	8.47	7.88	19.2	3.081	91.8	3.3	0.8
49	12/14/2016 23:21	11.22	43.23	27.75	8.44	7.88	18.6	3.199	91.6	3.0	0.7
50	12/14/2016 23:36	11.27	43.57	28.00	8.41	7.89	17.8	3.319	91.6	2.6	0.6
51	12/14/2016 23:51	11.39	44.07	28.36	8.46	7.91	18.1	3.436	92.6	2.4	0.6
52	12/15/2016 0:06	11.48	44.54	28.70	8.48	7.93	16.4	3.543	93.2	2.2	0.5
53	12/15/2016 0:21	11.52	44.81	28.89	8.48	7.94	15.6	3.640	93.4	2.2	0.5
54	12/15/2016 0:36	11.55	44.97	29.01	8.48	7.94	14.6	3.722	93.5	2.7	0.6
55	12/15/2016 0:51	11.55	45.01	29.04	8.48	7.95	12.2	3.781	93.5	2.4	0.6
56	12/15/2016 1:06	11.56	45.04	29.06	8.46	7.95	10.3	3.809	93.3	2.1	0.5
57	12/15/2016 1:21	11.54	44.94	28.98	8.42	7.94	9.4	3.811	92.8	2.2	0.5
58	12/15/2016 1:36	11.56	45.01	29.04	8.44	7.95	10.4	3.813	93.1	2.3	0.5
59	12/15/2016 1:51	11.55	44.93	28.98	8.46	7.94	12.5	3.771	93.2	1.7	0.4
60	12/15/2016 2:06	11.44	44.30	28.53	8.48	7.93	14.6	3.687	93.0	2.8	0.7
61	12/15/2016 2:21	11.43	44.39	28.59	8.51	7.93	18.5	3.596	93.4	2.1	0.5
62	12/15/2016 2:36	11.28	42.98	27.58	8.60	7.90	13.7	3.512	93.5	2.0	0.5
63	12/15/2016 2:51	11.24	42.62	27.32	8.59	7.89	13.8	3.419	93.1	2.7	0.6
64	12/15/2016 3:06	11.19	42.24	27.05	8.57	7.88	17.9	3.309	92.6	3.0	0.7
65	12/15/2016 3:21	11.16	42.06	26.93	8.56	7.87	14.7	3.219	92.4	2.6	0.6
66	12/15/2016 3:36	11.16	42.18	27.01	8.56	7.88	13.1	3.137	92.5	2.9	0.7
67	12/15/2016 3:51	11.12	41.95	26.84	8.56	7.87	11.8	3.044	92.2	2.7	0.6
68	12/15/2016 4:06	11.08	41.38	26.44	8.59	7.86	11.2	2.958	92.3	2.7	0.6
69	12/15/2016 4:21	11.10	41.49	26.52	8.57	7.86	11.5	2.874	92.1	2.2	0.5
70	12/15/2016 4:36	11.03	40.85	26.06	8.59	7.85	11.8	2.800	91.9	2.6	0.6
71	12/15/2016 4:51	11.01	40.75	25.99	8.59	7.84	11.0	2.755	91.9	2.9	0.7
72	12/15/2016 5:06	10.98	40.28	25.66	8.60	7.83	11.6	2.672	91.7	2.9	0.7
73	12/15/2016 5:21	11.01	40.57	25.87	8.56	7.84	11.4	2.620	91.5	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
74	12/15/2016 5:36	11.01	40.87	26.08	8.52	7.84	10.7	2.567	91.2	2.8	0.7
75	12/15/2016 5:51	10.94	39.87	25.38	8.60	7.83	10.8	2.538	91.5	3.0	0.7
76	12/15/2016 6:06	10.91	39.55	25.15	8.62	7.82	11.2	2.513	91.5	2.8	0.7
77	12/15/2016 6:21	10.88	39.21	24.91	8.58	7.80	10.4	2.501	90.9	3.3	0.8
78	12/15/2016 6:36	10.91	39.48	25.10	8.53	7.81	9.7	2.505	90.5	3.4	0.8
79	12/15/2016 6:51	10.93	39.59	25.17	8.61	7.82	10.2	2.540	91.4	3.0	0.7
80	12/15/2016 7:06	10.96	39.87	25.38	8.58	7.82	11.4	2.577	91.3	3.2	0.7
81	12/15/2016 7:21	10.96	39.84	25.35	8.57	7.82	11.4	2.616	91.2	3.3	0.8
82	12/15/2016 7:36	10.97	39.52	25.13	8.58	7.82	15.2	2.703	91.2	3.1	0.7
83	12/15/2016 7:51	10.99	39.70	25.26	8.58	7.82	15.3	2.783	91.3	2.7	0.6
84	12/15/2016 8:06	11.03	39.40	25.04	8.59	7.83	18.0	2.867	91.4	3.3	0.8
85	12/15/2016 8:21	11.10	39.96	25.44	8.57	7.84	16.0	2.966	91.5	3.2	0.8
86	12/15/2016 8:36	11.13	41.18	26.30	8.54	7.86	18.0	3.064	91.8	3.0	0.7
87	12/15/2016 8:51	11.11	41.40	26.45	8.55	7.85	17.1	3.171	91.9	3.5	0.8
88	12/15/2016 9:06	11.16	41.73	26.70	8.53	7.86	19.8	3.279	91.9	2.7	0.6
89	12/15/2016 9:21	11.22	42.04	26.92	8.53	7.88	20.3	3.392	92.1	2.9	0.7
90	12/15/2016 9:36	11.23	41.97	26.86	8.55	7.88	15.6	3.514	92.4	2.5	0.6
91	12/15/2016 9:51	11.28	42.25	27.06	8.52	7.89	16.3	3.627	92.3	2.6	0.6
92	12/15/2016 10:06	11.32	42.47	27.22	8.51	7.90	17.5	3.735	92.4	2.3	0.5
93	12/15/2016 10:21	11.36	43.00	27.60	8.51	7.91	17.3	3.853	92.6	2.8	0.7
94	12/15/2016 10:36	11.41	43.46	27.93	8.49	7.92	19.1	3.950	92.7	2.3	0.5
95	12/15/2016 10:51	11.48	44.14	28.42	8.46	7.93	20.5	4.057	92.8	2.0	0.5
96	12/15/2016 11:06	11.50	44.37	28.58	8.45	7.93	15.6	4.142	92.8	1.9	0.5
97	12/15/2016 11:21	11.51	44.51	28.68	8.43	7.94	14.7	4.206	92.7	2.3	0.5
98	12/15/2016 11:36	11.51	44.62	28.76	8.41	7.94	10.9	4.294	92.5	1.9	0.4
99	12/15/2016 11:51	11.52	44.82	28.90	8.37	7.94	9.4	4.328	92.2	1.9	0.4
100	12/15/2016 12:06	11.51	45.06	29.07	8.31	7.93	8.9	4.354	91.6	1.4	0.3
101	12/15/2016 12:21	11.51	45.14	29.13	8.24	7.93	6.0	4.375	90.9	1.6	0.4
102	12/15/2016 12:36	11.51	45.11	29.11	8.22	7.93	6.4	4.354	90.6	2.1	0.5
103	12/15/2016 12:51	11.49	44.62	28.76	8.35	7.93	10.0	4.294	91.8	1.9	0.5
104	12/15/2016 13:06	11.46	43.89	28.23	8.47	7.92	12.6	4.223	92.7	2.2	0.5
105	12/15/2016 13:21	11.48	44.12	28.40	8.50	7.93	11.5	4.149	93.3	2.4	0.6
106	12/15/2016 13:36	11.47	44.16	28.43	8.51	7.93	9.8	4.004	93.3	2.3	0.5
107	12/15/2016 13:51	11.34	42.72	27.40	8.60	7.90	10.8	3.867	93.4	2.3	0.5
108	12/15/2016 14:06	11.22	41.64	26.63	8.66	7.88	17.2	3.773	93.4	2.8	0.7
109	12/15/2016 14:21	11.22	41.70	26.67	8.63	7.88	15.6	3.635	93.1	2.6	0.6
110	12/15/2016 14:36	11.20	41.53	26.55	8.65	7.87	19.2	3.494	93.2	3.1	0.7

sonde #1

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	12/15/2016 14:51	11.19	41.53	26.55	8.65	7.87	21.1	3.350	93.2	2.5	0.6
112	12/15/2016 15:06	11.12	40.83	26.06	8.69	7.85	20.3	3.205	93.2	3.0	0.7
113	12/15/2016 15:21	11.10	40.83	26.05	8.70	7.85	21.3	3.059	93.2	3.0	0.7
114	12/15/2016 15:36	11.16	41.56	26.57	8.67	7.87	25.3	2.893	93.3	3.7	0.9
115	12/15/2016 15:51	11.05	40.54	25.85	8.73	7.85	27.6	2.734	93.3	3.0	0.7
116	12/15/2016 16:06	10.98	40.04	25.49	8.75	7.83	28.5	2.582	93.2	3.5	0.8
117	12/15/2016 16:21	10.93	39.82	25.34	8.77	7.82	28.4	2.405	93.2	3.6	0.8
118	12/15/2016 16:36	10.86	39.19	24.89	8.82	7.81	34.1	2.250	93.3	4.1	1.0
119	12/15/2016 16:51	10.81	39.57	25.16	8.82	7.82	37.8	2.090	93.5	4.2	1.0
120	12/15/2016 17:06	10.78	38.80	24.62	8.86	7.81	47.3	1.910	93.5	5.0	1.2
121	12/15/2016 17:21	10.74	38.04	24.09	8.89	7.80	50.1	1.755	93.4	4.5	1.1
122	12/15/2016 17:36	10.77	36.83	23.25	8.92	7.79	54.4	1.594	93.2	5.2	1.2
123	12/15/2016 17:51	10.83	35.78	22.52	8.92	7.77	49.2	1.422	93.0	4.9	1.1
124	12/15/2016 18:06	10.82	35.07	22.03	8.94	7.76	50.8	1.274	92.8	4.8	1.1
125	12/15/2016 18:21	10.81	34.82	21.86	8.93	7.76	55.3	1.139	92.6	5.5	1.3
126	12/15/2016 18:36	10.79	34.73	21.79	8.90	7.75	39.3	1.045	92.3	5.2	1.2
127	12/15/2016 18:51	10.76	34.68	21.76	8.87	7.75	26.7	0.943	91.9	4.5	1.1
128	12/15/2016 19:06	10.75	34.88	21.90	8.91	7.75	26.4	0.976	92.3	4.6	1.1
129	12/15/2016 19:21	10.77	35.14	22.08	8.90	7.76	27.8	1.040	92.3	4.7	1.1
130	12/15/2016 19:36	10.76	34.75	21.81	8.94	7.75	23.1	1.116	92.5	4.3	1.0
131	12/15/2016 19:51	10.77	34.47	21.62	8.93	7.75	23.6	1.247	92.4	4.5	1.1
132	12/15/2016 20:06	10.78	34.88	21.90	8.90	7.75	22.2	1.345	92.3	4.9	1.2
133	12/15/2016 20:21	10.77	34.72	21.79	8.89	7.75	24.3	1.438	92.1	5.0	1.2
134	12/15/2016 20:36	10.80	34.77	21.83	8.87	7.74	31.6	1.534	92.0	4.4	1.0
135	12/15/2016 20:51	10.81	35.44	22.28	8.85	7.75	31.4	1.638	92.1	4.8	1.1
136	12/15/2016 21:06	10.83	35.93	22.62	8.81	7.76	41.6	1.732	91.9	5.0	1.2
137	12/15/2016 21:21	10.87	36.52	23.04	8.78	7.76	27.8	1.838	91.9	5.0	1.2
138	12/15/2016 21:36	10.90	36.88	23.29	8.77	7.78	28.7	1.960	92.0	4.7	1.1
139	12/15/2016 21:51	10.95	37.66	23.83	8.73	7.79	35.0	2.072	91.9	4.2	1.0
140	12/15/2016 22:06	10.94	37.40	23.65	8.73	7.79	36.0	2.196	91.9	4.5	1.1
141	12/15/2016 22:21	10.97	38.32	24.29	8.70	7.80	37.5	2.316	92.0	4.4	1.0
142	12/15/2016 22:36	10.92	37.55	23.75	8.75	7.79	34.7	2.446	92.1	4.3	1.0
143	12/15/2016 22:51	10.91	37.15	23.47	8.76	7.79	37.4	2.573	92.0	4.1	1.0
144	12/15/2016 23:06	10.95	38.32	24.29	8.71	7.80	41.6	2.685	92.1	4.9	1.1
145	12/15/2016 23:21	10.97	38.48	24.40	8.69	7.80	53.7	2.796	91.9	4.5	1.1
146	12/15/2016 23:36	10.96	38.29	24.27	8.67	7.80	64.0	2.926	91.6	5.0	1.2
147	12/15/2016 23:51	10.92	38.13	24.16	8.66	7.80	62.8	3.034	91.4	4.9	1.1

sonde #1

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	12/16/2016 0:06	10.95	39.25	24.94	8.60	7.82	76.8	3.139	91.2	5.2	1.2
149	12/16/2016 0:21	11.06	40.80	26.03	8.52	7.84	86.1	3.249	91.2	4.9	1.2
150	12/16/2016 0:36	11.10	41.72	26.68	8.49	7.86	71.5	3.351	91.4	4.5	1.1
151	12/16/2016 0:51	11.20	43.17	27.71	8.42	7.88	85.9	3.447	91.4	5.2	1.2
152	12/16/2016 1:06	11.28	44.15	28.42	8.39	7.90	43.2	3.546	91.7	3.4	0.8
153	12/16/2016 1:21	11.37	44.78	28.87	8.36	7.91	53.7	3.610	91.8	3.8	0.9
154	12/16/2016 1:36	11.41	45.23	29.19	8.32	7.91	56.7	3.671	91.6	4.1	1.0
155	12/16/2016 1:51	11.43	45.44	29.34	8.30	7.92	19.7	3.719	91.5	2.8	0.7
156	12/16/2016 2:06	11.45	45.65	29.49	8.23	7.92	10.0	3.728	90.8	3.5	0.8
157	12/16/2016 2:21	11.45	45.57	29.44	8.22	7.92	19.7	3.719	90.7	3.0	0.7
158	12/16/2016 2:36	11.39	45.16	29.14	8.32	7.91	20.0	3.696	91.5	3.1	0.7
159	12/16/2016 2:51	10.86	42.64	27.32	8.56	7.88	64.9	3.619	92.1	4.2	1.0
160	12/16/2016 3:06	10.86	42.69	27.36	8.60	7.88	28.9	3.529	92.5	3.6	0.8
161	12/16/2016 3:21	10.74	40.98	26.14	8.70	7.86	23.1	3.434	92.5	3.2	0.8
162	12/16/2016 3:36	10.67	40.07	25.50	8.71	7.84	32.8	3.345	92.2	3.9	0.9
163	12/16/2016 3:51	10.63	39.61	25.17	8.71	7.83	41.1	3.245	91.9	4.5	1.1
164	12/16/2016 4:06	10.59	39.15	24.85	8.76	7.83	36.1	3.145	92.2	4.8	1.1
165	12/16/2016 4:21	10.52	38.90	24.68	8.78	7.82	36.6	3.058	92.1	4.2	1.0
166	12/16/2016 4:36	10.45	38.15	24.15	8.82	7.81	34.7	2.976	92.1	4.9	1.2
167	12/16/2016 4:51	10.41	38.46	24.37	8.79	7.82	35.2	2.878	91.9	4.8	1.1
168	12/16/2016 5:06	10.37	38.58	24.45	8.80	7.82	33.6	2.804	91.8	4.4	1.0
169	12/16/2016 5:21	10.35	37.85	23.94	8.81	7.81	29.7	2.729	91.7	4.1	1.0
170	12/16/2016 5:36	10.29	37.10	23.42	8.84	7.79	27.2	2.649	91.6	4.6	1.1
171	12/16/2016 5:51	10.27	37.27	23.53	8.84	7.79	26.9	2.573	91.6	4.7	1.1
172	12/16/2016 6:06	10.14	37.29	23.54	8.87	7.79	28.2	2.512	91.6	4.1	1.0
173	12/16/2016 6:21	10.08	36.71	23.14	8.91	7.78	27.7	2.462	91.6	5.0	1.2
174	12/16/2016 6:36	9.88	35.99	22.63	8.98	7.78	28.5	2.414	91.7	4.8	1.1
175	12/16/2016 6:51	9.70	36.29	22.83	8.96	7.79	26.9	2.388	91.2	4.6	1.1
176	12/16/2016 7:06	9.69	35.81	22.50	8.89	7.78	23.0	2.381	90.3	4.4	1.0
177	12/16/2016 7:21	9.95	35.76	22.47	8.94	7.77	25.2	2.383	91.3	4.2	1.0
178	12/16/2016 7:36	10.15	36.26	22.83	8.89	7.77	24.2	2.405	91.4	4.4	1.0
179	12/16/2016 7:51	10.21	36.28	22.84	8.87	7.77	26.2	2.438	91.4	4.1	1.0
180	12/16/2016 8:06	10.33	36.90	23.28	8.79	7.78	35.2	2.499	91.0	4.8	1.1
181	12/16/2016 8:21	10.36	36.89	23.27	8.78	7.78	68.8	2.574	91.0	5.9	1.4
182	12/16/2016 8:36	10.45	37.06	23.39	8.77	7.79	49.7	2.651	91.1	4.7	1.1
183	12/16/2016 8:51	10.43	36.93	23.30	8.80	7.79	27.8	2.739	91.3	4.9	1.2
184	12/16/2016 9:06	10.45	37.37	23.61	8.77	7.79	29.2	2.836	91.2	4.8	1.1

sonde #1

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	12/16/2016 9:21	10.51	37.79	23.90	8.74	7.81	28.6	2.928	91.3	4.1	1.0
186	12/16/2016 9:36	10.50	38.11	24.12	8.75	7.81	23.7	3.022	91.4	4.3	1.0
187	12/16/2016 9:51	10.53	38.72	24.55	8.71	7.82	24.1	3.120	91.4	4.1	1.0
188	12/16/2016 10:06	10.56	38.54	24.43	8.69	7.82	24.8	3.222	91.2	4.3	1.0
189	12/16/2016 10:21	10.72	39.85	25.35	8.61	7.84	29.0	3.326	91.1	4.5	1.1
190	12/16/2016 10:36	10.91	41.81	26.74	8.50	7.87	40.1	3.428	91.1	4.4	1.0
191	12/16/2016 10:51	11.03	43.10	27.66	8.43	7.88	49.2	3.533	91.1	4.1	1.0
192	12/16/2016 11:06	11.03	43.25	27.76	8.44	7.89	47.4	3.643	91.3	3.8	0.9
193	12/16/2016 11:21	11.04	43.47	27.92	8.41	7.89	41.1	3.731	91.2	3.9	0.9
194	12/16/2016 11:36	11.08	44.12	28.38	8.40	7.90	40.7	3.830	91.4	3.6	0.8
195	12/16/2016 11:51	11.10	44.45	28.62	8.39	7.91	37.4	3.921	91.4	3.8	0.9
196	12/16/2016 12:06	11.12	44.73	28.82	8.38	7.91	37.7	3.991	91.5	3.0	0.7
197	12/16/2016 12:21	11.15	44.98	29.00	8.38	7.91	25.5	4.061	91.6	2.8	0.7
198	12/16/2016 12:36	11.16	45.10	29.09	8.36	7.91	22.0	4.111	91.5	2.7	0.6
199	12/16/2016 12:51	11.17	45.29	29.22	8.34	7.91	15.2	4.149	91.4	2.7	0.6
200	12/16/2016 13:06	11.18	45.43	29.32	8.30	7.92	12.2	4.171	91.0	2.7	0.6
201	12/16/2016 13:21	11.17	45.31	29.24	8.34	7.91	11.1	4.160	91.3	2.6	0.6
202	12/16/2016 13:36	11.17	45.32	29.24	8.32	7.91	13.9	4.131	91.2	2.8	0.7
203	12/16/2016 13:51	11.13	43.93	28.25	8.43	7.90	17.7	4.065	91.7	3.3	0.8
204	12/16/2016 14:06	11.10	43.04	27.61	8.52	7.89	13.6	3.990	92.2	2.9	0.7
205	12/16/2016 14:21	11.05	42.22	27.03	8.59	7.88	14.1	3.887	92.6	3.0	0.7
206	12/16/2016 14:36	10.95	41.02	26.19	8.66	7.86	13.3	3.764	92.6	2.9	0.7
207	12/16/2016 14:51	10.95	41.21	26.32	8.61	7.86	39.3	3.647	92.2	4.0	0.9
208	12/16/2016 15:06	10.82	39.78	25.31	8.71	7.84	42.5	3.526	92.3	4.1	1.0
209	12/16/2016 15:21	10.87	40.52	25.83	8.69	7.85	22.6	3.394	92.6	3.6	0.8
210	12/16/2016 15:36	10.83	40.38	25.73	8.72	7.85	23.3	3.252	92.8	3.6	0.8
211	12/16/2016 15:51	10.82	40.57	25.86	8.73	7.85	22.4	3.110	92.9	3.1	0.7
212	12/16/2016 16:06	10.81	40.97	26.14	8.72	7.86	19.1	2.976	92.9	3.3	0.8
213	12/16/2016 16:21	10.68	39.31	24.97	8.81	7.84	23.1	2.817	92.9	3.8	0.9
214	12/16/2016 16:36	10.58	38.79	24.60	8.84	7.82	26.6	2.686	92.9	4.1	1.0
215	12/16/2016 16:51	10.46	38.57	24.44	8.87	7.82	31.9	2.528	92.8	4.3	1.0
216	12/16/2016 17:06	10.30	37.51	23.70	8.93	7.80	38.3	2.382	92.6	4.1	1.0
217	12/16/2016 17:21	10.16	36.57	23.04	8.98	7.78	46.6	2.212	92.5	5.1	1.2
218	12/16/2016 17:36	10.07	36.97	23.32	8.99	7.79	54.7	2.061	92.5	5.2	1.2
219	12/16/2016 17:51	10.03	36.55	23.02	9.02	7.78	59.6	1.902	92.7	5.0	1.2
220	12/16/2016 18:06	10.01	36.49	22.98	9.05	7.78	65.7	1.733	92.9	5.9	1.4
221	12/16/2016 18:21	10.03	36.27	22.83	9.04	7.77	67.2	1.575	92.8	5.7	1.4

sonde #1

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	12/16/2016 18:36	10.01	35.94	22.60	9.06	7.76	59.0	1.428	92.8	5.8	1.4
223	12/16/2016 18:51	9.97	35.64	22.39	9.09	7.76	46.8	1.282	92.9	5.4	1.3
224	12/16/2016 19:06	9.90	35.23	22.11	9.12	7.76	44.7	1.159	92.9	5.4	1.3
225	12/16/2016 19:21	9.86	34.99	21.94	9.09	7.75	36.5	1.051	92.4	4.8	1.1
226	12/16/2016 19:36	9.86	35.37	22.20	9.04	7.75	40.9	1.043	92.0	4.8	1.1
227	12/16/2016 19:51	9.93	35.64	22.39	9.07	7.76	33.5	1.080	92.5	4.4	1.0
228	12/16/2016 20:06	9.94	35.70	22.43	9.06	7.76	28.0	1.168	92.5	5.1	1.2
229	12/16/2016 20:21	9.89	35.33	22.18	9.09	7.75	25.5	1.265	92.5	4.3	1.0
230	12/16/2016 20:36	9.86	34.69	21.73	9.10	7.75	23.0	1.356	92.3	4.8	1.1
231	12/16/2016 20:51	9.88	34.82	21.82	9.08	7.75	23.6	1.436	92.2	4.6	1.1
232	12/16/2016 21:06	9.94	34.93	21.90	9.04	7.74	23.6	1.511	92.0	4.6	1.1
233	12/16/2016 21:21	9.98	34.96	21.92	9.02	7.74	24.8	1.600	91.9	4.5	1.1
234	12/16/2016 21:36	10.00	34.97	21.93	9.02	7.74	20.8	1.679	92.0	4.8	1.1
235	12/16/2016 21:51	10.03	35.31	22.17	8.99	7.75	20.8	1.773	91.9	4.8	1.1
236	12/16/2016 22:06	10.14	36.15	22.75	8.93	7.76	24.1	1.865	91.8	4.9	1.1
237	12/16/2016 22:21	10.26	37.00	23.35	8.86	7.78	20.6	1.961	91.7	4.2	1.0
238	12/16/2016 22:36	10.33	37.49	23.68	8.82	7.78	24.9	2.077	91.6	4.6	1.1
239	12/16/2016 22:51	10.33	37.91	23.98	8.82	7.79	30.5	2.201	91.7	4.3	1.0
240	12/16/2016 23:06	10.36	38.17	24.16	8.79	7.79	31.6	2.319	91.5	4.5	1.1
241	12/16/2016 23:21	10.35	38.38	24.31	8.80	7.80	32.0	2.441	91.7	4.2	1.0
242	12/16/2016 23:36	10.39	38.54	24.42	8.77	7.80	41.2	2.555	91.6	4.1	1.0
243	12/16/2016 23:51	10.41	38.45	24.36	8.75	7.81	47.6	2.686	91.4	5.1	1.2
244	12/17/2016 0:06	10.40	38.37	24.30	8.76	7.81	45.9	2.800	91.4	5.0	1.2
245	12/17/2016 0:21	10.38	38.29	24.25	8.77	7.81	43.4	2.907	91.5	4.3	1.0
246	12/17/2016 0:36	10.48	38.97	24.72	8.74	7.82	56.8	3.011	91.6	5.2	1.2
247	12/17/2016 0:51	10.55	40.19	25.58	8.69	7.84	58.8	3.108	91.7	4.7	1.1
248	12/17/2016 1:06	10.55	40.93	26.10	8.68	7.85	63.9	3.212	92.0	4.9	1.2
249	12/17/2016 1:21	10.50	41.07	26.20	8.69	7.85	57.3	3.300	92.0	4.6	1.1
250	12/17/2016 1:36	10.53	41.71	26.65	8.65	7.86	48.2	3.399	91.9	4.3	1.0
251	12/17/2016 1:51	10.70	43.10	27.64	8.53	7.87	46.0	3.492	91.6	4.2	1.0
252	12/17/2016 2:06	10.85	44.16	28.40	8.43	7.88	58.1	3.556	91.2	3.9	0.9
253	12/17/2016 2:21	10.87	44.59	28.71	8.39	7.89	40.1	3.621	91.0	3.6	0.8
254	12/17/2016 2:36	10.90	45.05	29.04	8.30	7.89	38.6	3.670	90.3	2.9	0.7
255	12/17/2016 2:51	10.93	45.39	29.28	8.19	7.89	12.6	3.687	89.3	2.7	0.6
256	12/17/2016 3:06	10.91	45.21	29.15	8.24	7.89	12.7	3.694	89.7	2.5	0.6
257	12/17/2016 3:21	10.93	45.24	29.17	8.14	7.89	11.7	3.668	88.6	2.5	0.6
258	12/17/2016 3:36	10.93	45.27	29.19	8.23	7.89	23.2	3.612	89.7	2.6	0.6

sonde #1

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	12/17/2016 3:51	10.57	43.53	27.94	8.41	7.88	28.3	3.546	90.2	3.2	0.8
260	12/17/2016 4:06	10.06	40.87	26.04	8.64	7.85	29.2	3.462	90.5	3.9	0.9
261	12/17/2016 4:21	10.38	41.91	26.78	8.57	7.86	32.6	3.367	90.8	3.7	0.9
262	12/17/2016 4:36	10.01	39.93	25.38	8.72	7.83	52.8	3.264	90.9	4.2	1.0
263	12/17/2016 4:51	10.31	40.93	26.09	8.63	7.85	43.4	3.174	91.0	4.0	0.9
264	12/17/2016 5:06	10.22	40.55	25.82	8.66	7.85	36.5	3.080	91.0	3.6	0.8
265	12/17/2016 5:21	9.71	38.58	24.41	8.78	7.81	18.0	2.997	90.3	4.1	1.0
266	12/17/2016 5:36	9.60	38.24	24.18	8.82	7.80	17.6	2.913	90.3	4.0	0.9
267	12/17/2016 5:51	9.55	38.14	24.11	8.82	7.80	16.4	2.820	90.2	4.2	1.0
268	12/17/2016 6:06	9.48	37.81	23.87	8.83	7.80	15.3	2.749	90.1	4.1	1.0
269	12/17/2016 6:21	9.44	37.43	23.60	8.86	7.79	17.3	2.678	90.1	3.9	0.9
270	12/17/2016 6:36	9.39	37.15	23.41	8.87	7.78	16.2	2.595	90.1	4.0	0.9
271	12/17/2016 6:51	9.33	37.46	23.62	8.84	7.78	15.7	2.532	89.8	3.8	0.9
272	12/17/2016 7:06	9.30	37.54	23.68	8.81	7.78	15.9	2.474	89.4	4.1	1.0
273	12/17/2016 7:21	9.28	37.20	23.44	8.82	7.78	15.0	2.429	89.3	3.9	0.9
274	12/17/2016 7:36	9.30	36.85	23.20	8.81	7.77	13.8	2.405	89.1	3.9	0.9
275	12/17/2016 7:51	9.27	36.88	23.22	8.76	7.77	13.1	2.374	88.5	4.6	1.1
276	12/17/2016 8:06	9.22	36.85	23.20	8.83	7.77	13.4	2.386	89.1	3.6	0.9
277	12/17/2016 8:21	9.12	36.72	23.10	8.85	7.77	12.5	2.414	89.1	3.5	0.8
278	12/17/2016 8:36	9.44	37.28	23.50	8.81	7.78	16.4	2.438	89.5	3.8	0.9
279	12/17/2016 8:51	9.42	37.18	23.43	8.83	7.78	16.4	2.487	89.7	3.9	0.9
280	12/17/2016 9:06	9.19	36.32	22.82	8.87	7.76	17.6	2.565	89.3	4.1	1.0
281	12/17/2016 9:21	9.41	36.45	22.93	8.83	7.76	14.4	2.641	89.3	4.0	0.9
282	12/17/2016 9:36	9.60	37.45	23.63	8.77	7.78	16.4	2.713	89.6	3.8	0.9
283	12/17/2016 9:51	9.78	38.36	24.27	8.73	7.80	16.9	2.801	89.8	3.7	0.9
284	12/17/2016 10:06	9.80	38.62	24.45	8.70	7.80	17.3	2.874	89.7	4.1	1.0
285	12/17/2016 10:21	9.81	38.75	24.54	8.70	7.80	17.7	2.963	89.8	4.0	0.9
286	12/17/2016 10:36	9.83	39.10	24.79	8.75	7.81	19.2	3.046	90.5	3.3	0.8
287	12/17/2016 10:51	9.88	39.29	24.92	8.75	7.81	13.0	3.122	90.7	3.3	0.8
288	12/17/2016 11:06	9.97	39.61	25.15	8.69	7.82	12.1	3.209	90.4	3.5	0.8
289	12/17/2016 11:21	10.06	40.07	25.48	8.61	7.82	12.8	3.293	89.8	3.3	0.8
290	12/17/2016 11:36	10.21	41.12	26.22	8.52	7.84	13.1	3.367	89.7	2.8	0.7
291	12/17/2016 11:51	10.38	42.22	27.00	8.42	7.85	21.5	3.453	89.4	3.6	0.9
292	12/17/2016 12:06	10.55	43.42	27.86	8.30	7.86	24.2	3.541	89.0	3.3	0.8
293	12/17/2016 12:21	10.53	43.78	28.11	8.28	7.86	27.7	3.616	88.8	2.9	0.7
294	12/17/2016 12:36	10.51	43.90	28.20	8.27	7.86	30.8	3.689	88.8	3.1	0.7
295	12/17/2016 12:51	10.51	44.22	28.42	8.26	7.87	25.3	3.770	88.7	3.2	0.7

sonde #1

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	12/17/2016 13:06	10.55	44.66	28.74	8.23	7.87	22.1	3.823	88.7	2.5	0.6
297	12/17/2016 13:21	10.55	44.79	28.83	8.21	7.87	15.3	3.879	88.5	2.3	0.5
298	12/17/2016 13:36	10.55	44.90	28.91	8.20	7.87	12.8	3.916	88.4	2.5	0.6
299	12/17/2016 13:51	10.55	45.09	29.05	8.17	7.87	9.4	3.943	88.2	2.3	0.5
300	12/17/2016 14:06	10.56	45.14	29.08	8.11	7.87	6.5	3.951	87.6	1.7	0.4
301	12/17/2016 14:21	10.55	44.95	28.94	8.18	7.87	10.8	3.933	88.2	2.5	0.6
302	12/17/2016 14:36	10.51	44.12	28.35	8.29	7.87	10.7	3.883	89.0	1.9	0.5
303	12/17/2016 14:51	10.43	42.34	27.09	8.50	7.86	15.7	3.837	90.4	2.4	0.6
304	12/17/2016 15:06	10.43	42.45	27.17	8.52	7.85	19.7	3.731	90.6	3.1	0.7
305	12/17/2016 15:21	10.36	42.08	26.90	8.58	7.85	21.9	3.628	91.0	3.0	0.7
306	12/17/2016 15:36	10.33	41.98	26.83	8.52	7.85	29.4	3.535	90.3	3.1	0.7
307	12/17/2016 15:51	10.33	42.12	26.93	8.49	7.85	28.6	3.400	90.0	3.7	0.9
308	12/17/2016 16:06	10.20	41.29	26.33	8.64	7.84	23.4	3.289	90.9	3.2	0.8
309	12/17/2016 16:21	10.15	41.08	26.19	8.72	7.84	23.1	3.172	91.7	3.6	0.9
310	12/17/2016 16:36	10.09	40.95	26.09	8.77	7.84	27.4	3.030	91.9	4.2	1.0
311	12/17/2016 16:51	10.00	40.42	25.72	8.81	7.83	29.1	2.905	92.0	3.6	0.8
312	12/17/2016 17:06	9.89	39.79	25.27	8.88	7.82	26.9	2.777	92.3	3.9	0.9
313	12/17/2016 17:21	9.77	38.38	24.28	8.93	7.80	29.4	2.619	91.9	4.5	1.1
314	12/17/2016 17:36	9.67	38.99	24.70	8.94	7.81	31.8	2.493	92.0	4.3	1.0
315	12/17/2016 17:51	9.54	38.61	24.43	9.00	7.80	29.4	2.346	92.2	4.2	1.0
316	12/17/2016 18:06	9.38	38.35	24.24	9.03	7.80	30.0	2.184	92.1	3.8	0.9
317	12/17/2016 18:21	9.23	37.77	23.83	9.09	7.79	32.1	2.046	92.2	4.2	1.0
318	12/17/2016 18:36	9.16	37.35	23.54	9.11	7.78	31.1	1.891	92.1	4.1	1.0
319	12/17/2016 18:51	9.16	37.11	23.37	9.11	7.78	31.6	1.738	92.0	4.4	1.0
320	12/17/2016 19:06	9.19	36.71	23.10	9.12	7.77	29.6	1.612	92.0	4.5	1.1
321	12/17/2016 19:21	9.15	36.49	22.94	9.14	7.77	26.4	1.458	92.0	4.8	1.1
322	12/17/2016 19:36	9.10	36.38	22.86	9.14	7.76	25.2	1.346	91.8	4.9	1.1
323	12/17/2016 19:51	9.04	36.28	22.79	9.12	7.76	23.6	1.269	91.4	4.2	1.0
324	12/17/2016 20:06	9.03	36.25	22.77	9.08	7.76	17.9	1.185	91.0	4.0	0.9
325	12/17/2016 20:21	9.02	36.27	22.78	9.08	7.76	17.8	1.197	91.0	3.9	0.9
326	12/17/2016 20:36	9.03	36.32	22.82	9.10	7.76	17.6	1.216	91.2	4.1	1.0
327	12/17/2016 20:51	9.07	36.43	22.89	9.10	7.76	17.0	1.260	91.4	3.8	0.9
328	12/17/2016 21:06	9.09	36.50	22.94	9.11	7.76	16.3	1.365	91.6	4.1	1.0
329	12/17/2016 21:21	9.04	36.18	22.72	9.11	7.76	15.1	1.436	91.4	3.7	0.9
330	12/17/2016 21:36	9.08	36.17	22.72	9.09	7.76	14.7	1.504	91.2	4.3	1.0
331	12/17/2016 21:51	9.09	35.76	22.44	9.11	7.75	14.8	1.603	91.3	4.3	1.0
332	12/17/2016 22:06	9.11	35.72	22.41	9.09	7.75	17.0	1.652	91.1	4.4	1.0

sonde #1

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	12/17/2016 22:21	9.13	35.86	22.50	9.08	7.75	15.6	1.756	91.1	4.1	1.0
334	12/17/2016 22:36	9.16	36.19	22.74	9.07	7.75	15.5	1.851	91.2	4.2	1.0
335	12/17/2016 22:51	9.35	36.93	23.25	8.97	7.77	17.7	1.905	90.9	4.0	0.9
336	12/17/2016 23:06	9.34	36.90	23.24	8.99	7.76	14.3	2.040	91.1	4.0	1.0
337	12/17/2016 23:21	9.47	37.41	23.59	8.94	7.78	15.5	2.137	91.0	4.3	1.0
338	12/17/2016 23:36	9.57	37.85	23.91	8.87	7.78	17.7	2.227	90.7	3.8	0.9
339	12/17/2016 23:51	9.66	38.49	24.36	8.83	7.79	15.8	2.356	90.7	3.4	0.8
340	12/18/2016 0:06	9.66	38.72	24.51	8.84	7.80	22.0	2.477	90.9	3.3	0.8
341	12/18/2016 0:21	9.69	38.90	24.64	8.82	7.80	25.0	2.582	90.8	3.7	0.9
342	12/18/2016 0:36	9.68	38.94	24.67	8.83	7.80	23.1	2.693	90.9	4.0	0.9
343	12/18/2016 0:51	9.69	39.03	24.73	8.81	7.80	23.1	2.806	90.8	3.9	0.9
344	12/18/2016 1:06	9.71	39.33	24.94	8.78	7.81	34.4	2.905	90.6	4.0	0.9
345	12/18/2016 1:21	9.73	39.71	25.20	8.77	7.81	33.5	3.000	90.7	3.7	0.9
346	12/18/2016 1:36	9.79	40.25	25.59	8.73	7.82	32.2	3.098	90.7	3.3	0.8
347	12/18/2016 1:51	9.85	41.30	26.33	8.70	7.83	31.6	3.189	90.9	3.4	0.8
348	12/18/2016 2:06	9.90	42.18	26.95	8.66	7.84	26.0	3.283	90.9	3.4	0.8
349	12/18/2016 2:21	9.93	42.48	27.17	8.64	7.84	24.4	3.354	90.9	3.0	0.7
350	12/18/2016 2:36	10.00	42.85	27.43	8.60	7.85	26.2	3.445	90.8	3.2	0.8
351	12/18/2016 2:51	10.09	43.47	27.87	8.52	7.85	25.9	3.526	90.4	3.3	0.8
352	12/18/2016 3:06	10.17	43.90	28.18	8.46	7.86	22.6	3.571	90.1	3.4	0.8
353	12/18/2016 3:21	10.33	44.56	28.66	8.36	7.86	28.4	3.638	89.6	3.1	0.7
354	12/18/2016 3:36	10.44	45.19	29.12	8.28	7.87	26.6	3.671	89.2	2.8	0.7
355	12/18/2016 3:51	10.42	45.24	29.15	8.19	7.87	8.8	3.649	88.2	2.2	0.5
356	12/18/2016 4:06	10.41	44.99	28.97	8.23	7.87	16.1	3.643	88.5	2.5	0.6
357	12/18/2016 4:21	10.39	44.79	28.83	8.28	7.86	13.7	3.636	89.0	2.4	0.6
358	12/18/2016 4:36	10.28	44.35	28.51	8.36	7.86	21.4	3.544	89.4	2.7	0.6
359	12/18/2016 4:51	9.64	42.08	26.87	8.61	7.84	21.1	3.467	89.8	3.3	0.8
360	12/18/2016 5:06	9.66	42.06	26.85	8.59	7.83	20.3	3.414	89.7	3.2	0.7
361	12/18/2016 5:21	9.22	39.98	25.37	8.77	7.81	19.4	3.311	89.8	3.3	0.8
362	12/18/2016 5:36	9.29	40.41	25.67	8.72	7.81	17.8	3.232	89.6	3.3	0.8
363	12/18/2016 5:51	9.51	40.84	25.98	8.71	7.82	18.7	3.148	90.1	3.0	0.7
364	12/18/2016 6:06	9.07	39.72	25.18	8.79	7.80	13.3	3.053	89.5	3.5	0.8
365	12/18/2016 6:21	9.06	39.69	25.16	8.77	7.80	11.1	2.986	89.3	3.0	0.7
366	12/18/2016 6:36	9.03	39.45	24.99	8.79	7.80	11.2	2.912	89.4	3.4	0.8
367	12/18/2016 6:51	8.98	39.31	24.89	8.81	7.79	10.4	2.813	89.4	2.7	0.6
368	12/18/2016 7:06	8.92	39.01	24.68	8.82	7.79	10.9	2.736	89.3	3.0	0.7
369	12/18/2016 7:21	8.80	38.51	24.32	8.86	7.78	10.5	2.669	89.3	3.6	0.8

sonde #1

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	12/18/2016 7:36	8.72	38.77	24.50	8.84	7.78	10.8	2.596	89.0	3.2	0.8
371	12/18/2016 7:51	8.60	38.35	24.20	8.88	7.78	10.6	2.516	89.0	3.7	0.9
372	12/18/2016 8:06	8.52	38.13	24.04	8.90	7.77	10.6	2.451	88.9	3.3	0.8
373	12/18/2016 8:21	8.51	37.81	23.82	8.91	7.77	10.4	2.413	88.9	3.6	0.9
374	12/18/2016 8:36	8.47	37.65	23.71	8.92	7.76	10.0	2.369	88.8	3.2	0.8
375	12/18/2016 8:51	8.64	38.08	24.02	8.82	7.77	9.9	2.356	88.3	3.2	0.8
376	12/18/2016 9:06	8.53	37.61	23.69	8.87	7.77	9.8	2.344	88.4	3.4	0.8
377	12/18/2016 9:21	8.43	37.66	23.71	8.92	7.76	9.4	2.381	88.8	3.7	0.9
378	12/18/2016 9:36	8.74	38.23	24.13	8.84	7.77	12.6	2.417	88.8	3.5	0.8
379	12/18/2016 9:51	8.76	38.15	24.07	8.85	7.77	11.5	2.451	89.0	3.1	0.7
380	12/18/2016 10:06	8.68	38.02	23.97	8.89	7.77	12.3	2.526	89.1	3.5	0.8
381	12/18/2016 10:21	8.89	38.37	24.23	8.84	7.77	13.7	2.591	89.1	3.8	0.9
382	12/18/2016 10:36	9.04	38.89	24.60	8.78	7.78	13.1	2.660	89.1	3.3	0.8
383	12/18/2016 10:51	9.19	39.56	25.07	8.73	7.79	11.2	2.737	89.1	3.0	0.7
384	12/18/2016 11:06	9.13	39.47	25.01	8.74	7.79	11.5	2.809	89.1	3.1	0.7
385	12/18/2016 11:21	9.24	39.99	25.38	8.70	7.80	13.1	2.876	89.2	2.7	0.6
386	12/18/2016 11:36	9.26	40.12	25.47	8.72	7.80	11.7	2.945	89.5	2.8	0.7
387	12/18/2016 11:51	9.34	40.10	25.46	8.74	7.81	12.4	3.019	89.8	3.3	0.8
388	12/18/2016 12:06	9.40	40.33	25.63	8.75	7.81	10.0	3.096	90.1	2.7	0.6
389	12/18/2016 12:21	9.55	40.64	25.85	8.72	7.81	9.4	3.162	90.3	2.3	0.6
390	12/18/2016 12:36	9.63	40.94	26.06	8.67	7.82	9.2	3.236	89.9	2.5	0.6
391	12/18/2016 12:51	9.73	41.44	26.42	8.65	7.82	9.3	3.310	90.1	3.2	0.8
392	12/18/2016 13:06	9.83	42.03	26.84	8.59	7.83	9.2	3.390	90.0	2.7	0.6
393	12/18/2016 13:21	9.94	42.81	27.40	8.49	7.84	10.1	3.448	89.4	2.4	0.6
394	12/18/2016 13:36	10.06	43.57	27.94	8.38	7.84	10.0	3.496	88.8	2.6	0.6
395	12/18/2016 13:51	10.13	44.08	28.31	8.28	7.85	11.2	3.543	88.2	1.9	0.4
396	12/18/2016 14:06	10.14	44.32	28.48	8.27	7.85	10.1	3.600	88.1	2.1	0.5
397	12/18/2016 14:21	10.14	44.39	28.53	8.28	7.85	8.3	3.632	88.3	2.1	0.5
398	12/18/2016 14:36	10.15	44.49	28.60	8.24	7.85	7.6	3.650	87.9	2.2	0.5
399	12/18/2016 14:51	10.15	44.51	28.61	8.22	7.85	6.6	3.682	87.7	1.9	0.4
400	12/18/2016 15:06	10.15	44.49	28.60	8.21	7.85	7.5	3.663	87.6	2.0	0.5
401	12/18/2016 15:21	10.15	44.50	28.61	8.20	7.85	9.3	3.628	87.5	2.1	0.5
402	12/18/2016 15:36	10.12	44.22	28.40	8.24	7.85	9.8	3.602	87.8	2.4	0.6
403	12/18/2016 15:51	10.02	43.06	27.58	8.41	7.84	9.5	3.553	88.9	2.1	0.5
404	12/18/2016 16:06	9.95	42.87	27.44	8.48	7.84	10.1	3.471	89.4	2.6	0.6
405	12/18/2016 16:21	9.80	41.73	26.63	8.65	7.83	15.3	3.375	90.5	3.2	0.8
406	12/18/2016 16:36	9.73	41.44	26.42	8.70	7.83	12.3	3.298	90.7	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
407	12/18/2016 16:51	9.61	40.93	26.05	8.79	7.83	9.0	3.189	91.1	3.5	0.8
408	12/18/2016 17:06	9.59	41.02	26.12	8.76	7.82	10.3	3.080	90.9	3.4	0.8
409	12/18/2016 17:21	9.53	41.00	26.10	8.74	7.82	8.9	2.959	90.5	3.4	0.8
410	12/18/2016 17:36	9.46	40.72	25.90	8.78	7.82	8.4	2.854	90.6	3.3	0.8
411	12/18/2016 17:51	9.38	40.38	25.66	8.82	7.81	9.0	2.759	90.8	3.3	0.8
412	12/18/2016 18:06	9.21	39.09	24.75	8.91	7.80	11.5	2.627	90.8	3.2	0.8
413	12/18/2016 18:21	9.17	39.38	24.94	8.88	7.80	9.6	2.513	90.6	3.7	0.9
414	12/18/2016 18:36	9.04	39.11	24.75	8.94	7.79	10.0	2.398	90.8	3.1	0.7
415	12/18/2016 18:51	8.90	38.53	24.34	9.01	7.79	11.8	2.255	91.0	3.7	0.9
416	12/18/2016 19:06	8.78	38.03	23.99	9.08	7.78	12.8	2.127	91.2	3.7	0.9
417	12/18/2016 19:21	8.64	37.62	23.70	9.15	7.78	13.4	1.998	91.5	3.2	0.8
418	12/18/2016 19:36	8.58	37.56	23.66	9.17	7.78	14.6	1.869	91.6	3.8	0.9
419	12/18/2016 19:51	8.57	37.30	23.47	9.20	7.77	14.2	1.767	91.7	3.6	0.8
420	12/18/2016 20:06	8.51	37.10	23.33	9.23	7.77	13.1	1.672	91.7	3.2	0.7
421	12/18/2016 20:21	8.50	37.07	23.31	9.22	7.77	13.2	1.572	91.6	4.1	1.0
422	12/18/2016 20:36	8.46	37.02	23.27	9.19	7.77	12.6	1.501	91.3	3.8	0.9
423	12/18/2016 20:51	8.42	36.93	23.21	9.19	7.77	11.7	1.461	91.2	3.7	0.9
424	12/18/2016 21:06	8.38	36.92	23.20	9.17	7.76	12.6	1.408	90.8	3.8	0.9
425	12/18/2016 21:21	8.39	37.03	23.28	9.18	7.76	13.0	1.437	91.0	4.1	1.0
426	12/18/2016 21:36	8.48	37.21	23.40	9.15	7.77	11.6	1.463	90.9	3.2	0.7
427	12/18/2016 21:51	8.46	37.23	23.42	9.17	7.77	10.2	1.521	91.2	3.4	0.8
428	12/18/2016 22:06	8.48	37.29	23.46	9.16	7.77	10.4	1.589	91.1	3.3	0.8
429	12/18/2016 22:21	8.41	36.81	23.12	9.19	7.76	9.0	1.634	91.0	3.4	0.8
430	12/18/2016 22:36	8.51	36.93	23.21	9.15	7.76	9.3	1.745	90.9	3.9	0.9
431	12/18/2016 22:51	8.59	37.04	23.29	9.10	7.76	9.8	1.808	90.6	3.2	0.8
432	12/18/2016 23:06	8.64	36.99	23.26	9.08	7.75	9.7	1.883	90.5	3.4	0.8
433	12/18/2016 23:21	8.67	37.08	23.32	9.07	7.76	9.2	1.980	90.5	3.7	0.9
434	12/18/2016 23:36	8.77	37.34	23.51	9.03	7.76	9.4	2.045	90.4	3.0	0.7
435	12/18/2016 23:51	8.91	37.87	23.89	8.95	7.77	10.0	2.149	90.1	3.9	0.9
436	12/19/2016 0:06	8.97	38.10	24.05	8.92	7.77	9.7	2.245	90.0	3.5	0.8
437	12/19/2016 0:21	9.11	38.89	24.60	8.83	7.78	11.5	2.338	89.7	3.4	0.8
438	12/19/2016 0:36	9.18	39.29	24.88	8.80	7.79	11.9	2.418	89.8	3.0	0.7
439	12/19/2016 0:51	9.18	39.46	25.01	8.82	7.79	11.7	2.544	90.1	3.6	0.9
440	12/19/2016 1:06	9.23	39.65	25.14	8.80	7.80	14.5	2.644	90.0	3.2	0.8
441	12/19/2016 1:21	9.30	39.92	25.33	8.77	7.80	14.7	2.718	89.9	3.0	0.7
442	12/19/2016 1:36	9.31	39.96	25.36	8.77	7.80	15.8	2.830	90.0	3.2	0.8
443	12/19/2016 1:51	9.38	40.46	25.71	8.73	7.81	19.0	2.932	89.9	3.5	0.8

sonde #1

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	12/19/2016 2:06	9.40	40.68	25.87	8.71	7.81	19.6	3.030	89.9	3.7	0.9
445	12/19/2016 2:21	9.45	41.04	26.13	8.67	7.81	18.9	3.120	89.6	3.4	0.8
446	12/19/2016 2:36	9.55	41.60	26.52	8.65	7.82	22.0	3.192	89.9	3.2	0.8
447	12/19/2016 2:51	9.65	42.65	27.27	8.66	7.83	25.3	3.293	90.6	3.6	0.8
448	12/19/2016 3:06	9.69	43.36	27.78	8.63	7.84	21.7	3.374	90.7	3.1	0.7
449	12/19/2016 3:21	9.80	43.92	28.18	8.60	7.84	19.4	3.449	90.8	2.8	0.7
450	12/19/2016 3:36	9.83	44.23	28.40	8.56	7.84	20.7	3.508	90.6	2.8	0.7
451	12/19/2016 3:51	9.88	44.56	28.63	8.55	7.85	17.3	3.580	90.8	2.9	0.7
452	12/19/2016 4:06	9.92	44.79	28.80	8.54	7.85	15.0	3.616	90.8	2.0	0.5
453	12/19/2016 4:21	9.98	44.98	28.94	8.53	7.85	13.3	3.676	90.9	2.3	0.5
454	12/19/2016 4:36	10.02	45.11	29.03	8.52	7.86	11.3	3.663	90.9	2.3	0.6
455	12/19/2016 4:51	10.02	45.11	29.03	8.44	7.86	10.0	3.684	90.1	2.1	0.5
456	12/19/2016 5:06	10.01	45.06	29.00	8.52	7.85	13.3	3.656	90.8	2.1	0.5
457	12/19/2016 5:21	9.97	44.89	28.87	8.53	7.85	13.4	3.586	90.9	2.3	0.5
458	12/19/2016 5:36	9.59	43.62	27.95	8.60	7.83	13.1	3.508	90.3	2.1	0.5
459	12/19/2016 5:51	9.09	41.71	26.58	8.71	7.81	16.4	3.466	89.6	3.0	0.7
460	12/19/2016 6:06	9.27	42.35	27.04	8.65	7.82	14.6	3.403	89.7	2.7	0.6
461	12/19/2016 6:21	9.36	42.62	27.23	8.63	7.82	13.9	3.289	89.7	2.7	0.6
462	12/19/2016 6:36	9.24	41.96	26.76	8.70	7.82	15.2	3.200	89.9	2.8	0.7
463	12/19/2016 6:51	9.34	42.01	26.80	8.64	7.82	13.3	3.131	89.5	3.1	0.7
464	12/19/2016 7:06	8.83	40.46	25.68	8.77	7.79	10.4	3.075	89.2	3.1	0.7
465	12/19/2016 7:21	8.72	40.10	25.42	8.83	7.79	10.1	3.004	89.5	2.6	0.6
466	12/19/2016 7:36	8.60	39.94	25.31	8.83	7.78	8.8	2.885	89.1	2.7	0.6
467	12/19/2016 7:51	8.51	39.64	25.09	8.86	7.78	8.9	2.828	89.1	2.7	0.6
468	12/19/2016 8:06	8.46	39.32	24.87	8.86	7.77	8.6	2.772	88.8	3.2	0.8
469	12/19/2016 8:21	8.47	39.35	24.89	8.87	7.77	8.7	2.687	89.0	3.2	0.7
470	12/19/2016 8:36	8.45	39.35	24.88	8.89	7.77	9.2	2.596	89.1	2.8	0.6
471	12/19/2016 8:51	8.42	39.09	24.71	8.89	7.77	9.0	2.580	89.0	3.1	0.7
472	12/19/2016 9:06	8.33	38.89	24.56	8.91	7.77	8.7	2.511	88.9	3.1	0.7
473	12/19/2016 9:21	8.36	38.88	24.56	8.90	7.77	8.8	2.478	88.9	3.1	0.7
474	12/19/2016 9:36	8.37	38.98	24.62	8.88	7.77	8.9	2.421	88.7	3.2	0.7
475	12/19/2016 9:51	8.35	38.65	24.40	8.88	7.76	7.8	2.419	88.6	3.6	0.8
476	12/19/2016 10:06	8.34	38.62	24.37	8.89	7.76	8.0	2.408	88.7	3.5	0.8
477	12/19/2016 10:21	8.40	38.77	24.48	8.91	7.76	7.7	2.379	89.1	3.0	0.7
478	12/19/2016 10:36	8.35	38.58	24.34	8.93	7.76	7.5	2.431	89.1	3.2	0.7
479	12/19/2016 10:51	8.57	39.12	24.74	8.84	7.77	7.6	2.450	88.8	3.3	0.8
480	12/19/2016 11:06	8.72	39.53	25.02	8.77	7.77	9.4	2.490	88.6	2.8	0.7

sonde #1

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	12/19/2016 11:21	8.57	39.07	24.70	8.85	7.77	8.7	2.544	88.9	2.8	0.7
482	12/19/2016 11:36	8.65	39.23	24.81	8.82	7.77	7.9	2.597	88.8	3.1	0.7
483	12/19/2016 11:51	8.65	39.32	24.88	8.84	7.77	8.6	2.682	89.1	3.1	0.7
484	12/19/2016 12:06	8.83	39.97	25.34	8.77	7.78	8.7	2.720	89.0	2.8	0.7
485	12/19/2016 12:21	8.87	40.20	25.50	8.77	7.78	7.8	2.809	89.2	2.6	0.6
486	12/19/2016 12:36	8.91	40.33	25.59	8.76	7.79	8.2	2.854	89.1	2.8	0.7
487	12/19/2016 12:51	8.90	40.24	25.53	8.80	7.79	8.2	2.913	89.6	3.0	0.7
488	12/19/2016 13:06	8.98	40.57	25.77	8.80	7.79	7.9	2.988	89.8	3.3	0.8
489	12/19/2016 13:21	9.06	40.65	25.83	8.81	7.80	9.0	3.049	90.1	3.3	0.8
490	12/19/2016 13:36	9.15	41.12	26.16	8.73	7.80	8.6	3.098	89.7	2.5	0.6
491	12/19/2016 13:51	9.30	41.94	26.75	8.66	7.81	9.0	3.175	89.6	2.4	0.6
492	12/19/2016 14:06	9.49	42.88	27.42	8.55	7.82	9.1	3.235	89.2	2.5	0.6
493	12/19/2016 14:21	9.45	42.66	27.26	8.59	7.82	8.6	3.284	89.4	2.2	0.5
494	12/19/2016 14:36	9.52	42.89	27.43	8.55	7.82	8.3	3.333	89.3	2.2	0.5
495	12/19/2016 14:51	9.62	43.44	27.83	8.50	7.83	8.4	3.360	89.2	2.1	0.5
496	12/19/2016 15:06	9.68	43.66	27.99	8.44	7.83	7.5	3.418	88.8	2.2	0.5
497	12/19/2016 15:21	9.73	43.91	28.16	8.42	7.83	7.6	3.423	88.8	1.7	0.4
498	12/19/2016 15:36	9.75	43.98	28.22	8.44	7.83	7.6	3.460	89.1	2.2	0.5
499	12/19/2016 15:51	9.69	43.64	27.97	8.45	7.83	6.6	3.475	88.9	2.5	0.6
500	12/19/2016 16:06	9.72	43.87	28.13	8.39	7.83	6.8	3.485	88.4	2.4	0.6
501	12/19/2016 16:21	9.61	43.38	27.78	8.45	7.82	7.5	3.445	88.7	2.4	0.6
502	12/19/2016 16:36	9.57	43.13	27.60	8.48	7.82	7.3	3.407	88.8	2.2	0.5
503	12/19/2016 16:51	9.40	41.81	26.66	8.67	7.81	7.5	3.365	89.8	2.5	0.6
504	12/19/2016 17:06	9.33	41.33	26.32	8.75	7.81	7.6	3.307	90.4	2.5	0.6
505	12/19/2016 17:21	9.38	41.59	26.50	8.77	7.81	8.3	3.223	90.8	2.5	0.6
506	12/19/2016 17:36	9.28	40.96	26.06	8.88	7.81	9.0	3.140	91.4	3.0	0.7
507	12/19/2016 17:51	9.24	40.93	26.03	8.91	7.81	7.8	3.061	91.6	2.5	0.6
508	12/19/2016 18:06	9.10	40.36	25.63	8.95	7.81	7.5	2.979	91.5	2.9	0.7
509	12/19/2016 18:21	9.06	40.34	25.61	8.94	7.80	7.4	2.874	91.4	2.9	0.7
510	12/19/2016 18:36	8.96	39.97	25.35	8.96	7.80	8.0	2.765	91.1	3.3	0.8
511	12/19/2016 18:51	8.97	39.99	25.36	8.91	7.79	9.5	2.684	90.7	3.0	0.7
512	12/19/2016 19:06	8.89	39.62	25.10	8.97	7.79	7.9	2.571	91.0	3.3	0.8
513	12/19/2016 19:21	8.88	39.71	25.16	8.94	7.79	8.1	2.490	90.7	3.0	0.7
514	12/19/2016 19:36	8.79	39.36	24.91	9.00	7.78	8.5	2.349	90.9	3.1	0.7
515	12/19/2016 19:51	8.71	39.09	24.72	9.03	7.78	8.5	2.253	91.0	3.3	0.8
516	12/19/2016 20:06	8.64	38.81	24.52	9.08	7.78	8.4	2.171	91.2	3.3	0.8
517	12/19/2016 20:21	8.57	38.65	24.41	9.12	7.78	9.4	2.041	91.4	3.8	0.9

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
518	12/19/2016 20:36	8.54	38.53	24.32	9.11	7.78	9.9	1.981	91.2	3.5	0.8
519	12/19/2016 20:51	8.47	38.50	24.30	9.10	7.78	9.2	1.887	91.0	3.5	0.8
520	12/19/2016 21:06	8.45	38.34	24.19	9.14	7.78	9.8	1.824	91.3	3.2	0.7
521	12/19/2016 21:21	8.48	38.26	24.13	9.12	7.78	9.5	1.783	91.1	3.4	0.8
522	12/19/2016 21:36	8.46	38.17	24.07	9.11	7.77	9.6	1.747	90.9	3.8	0.9
523	12/19/2016 21:51	8.63	38.46	24.28	8.99	7.77	6.9	1.696	90.2	3.4	0.8
524	12/19/2016 22:06	8.69	38.54	24.34	8.96	7.77	6.7	1.678	90.0	3.1	0.7
525	12/19/2016 22:21	8.53	38.52	24.32	9.01	7.77	8.4	1.729	90.2	3.3	0.8
526	12/19/2016 22:36	8.49	38.46	24.27	9.09	7.77	7.9	1.742	90.8	2.9	0.7
527	12/19/2016 22:51	8.55	38.58	24.36	9.04	7.77	8.4	1.780	90.5	3.5	0.8
528	12/19/2016 23:06	8.60	38.70	24.44	9.02	7.77	8.3	1.850	90.5	3.4	0.8
529	12/19/2016 23:21	8.57	38.52	24.32	9.03	7.77	7.6	1.894	90.5	3.2	0.8
530	12/19/2016 23:36	8.57	38.31	24.17	9.03	7.76	7.4	1.965	90.4	3.4	0.8
531	12/19/2016 23:51	8.58	38.35	24.20	8.98	7.76	8.2	2.044	89.9	3.2	0.8
532	12/20/2016 0:06	8.67	38.58	24.37	8.97	7.76	7.5	2.112	90.1	2.6	0.6
533	12/20/2016 0:21	8.72	38.75	24.48	8.95	7.77	7.8	2.202	90.1	3.3	0.8
534	12/20/2016 0:36	8.75	38.67	24.43	8.93	7.77	8.3	2.285	89.9	3.0	0.7
535	12/20/2016 0:51	8.79	39.03	24.68	8.92	7.77	7.7	2.374	90.0	2.8	0.7
536	12/20/2016 1:06	8.81	39.06	24.71	8.90	7.77	7.8	2.456	89.9	3.8	0.9
537	12/20/2016 1:21	9.02	40.22	25.53	8.77	7.78	9.3	2.550	89.5	3.4	0.8
538	12/20/2016 1:36	9.13	40.76	25.91	8.72	7.79	9.9	2.642	89.4	2.9	0.7
539	12/20/2016 1:51	8.97	40.13	25.46	8.82	7.78	8.3	2.735	89.8	3.7	0.9
540	12/20/2016 2:06	8.97	40.35	25.61	8.80	7.79	8.0	2.810	89.7	2.5	0.6
541	12/20/2016 2:21	9.04	40.77	25.91	8.76	7.79	8.6	2.917	89.7	3.2	0.7
542	12/20/2016 2:36	9.31	41.80	26.65	8.64	7.80	12.9	3.000	89.3	3.1	0.7
543	12/20/2016 2:51	9.38	42.18	26.92	8.60	7.81	14.9	3.064	89.3	3.0	0.7
544	12/20/2016 3:06	9.42	42.44	27.11	8.60	7.81	13.7	3.168	89.4	3.0	0.7
545	12/20/2016 3:21	9.42	42.58	27.21	8.63	7.81	18.3	3.255	89.8	2.8	0.7
546	12/20/2016 3:36	9.43	42.91	27.44	8.62	7.81	21.4	3.326	89.8	2.9	0.7
547	12/20/2016 3:51	9.53	43.50	27.86	8.66	7.82	22.2	3.405	90.7	2.8	0.7
548	12/20/2016 4:06	9.62	44.00	28.22	8.74	7.83	21.3	3.493	92.0	2.7	0.6
549	12/20/2016 4:21	9.75	44.58	28.64	8.86	7.83	21.8	3.539	93.7	2.4	0.6
550	12/20/2016 4:36	9.81	45.04	28.97	8.84	7.84	21.0	3.612	93.9	2.7	0.6
551	12/20/2016 4:51	9.82	45.19	29.08	8.77	7.84	16.2	3.658	93.2	2.1	0.5
552	12/20/2016 5:06	9.87	45.41	29.24	8.75	7.84	13.4	3.694	93.1	2.3	0.5
553	12/20/2016 5:21	9.89	45.52	29.32	8.65	7.84	10.2	3.710	92.2	2.1	0.5
554	12/20/2016 5:36	9.93	45.63	29.40	8.60	7.84	8.2	3.718	91.8	2.2	0.5

sonde #1

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	12/20/2016 5:51	9.93	45.60	29.38	8.65	7.83	12.5	3.708	92.3	1.8	0.4
556	12/20/2016 6:06	9.89	45.46	29.28	8.69	7.84	14.1	3.637	92.6	2.5	0.6
557	12/20/2016 6:21	9.49	44.01	28.22	8.76	7.82	13.8	3.602	91.9	2.2	0.5
558	12/20/2016 6:36	9.18	42.52	27.15	8.73	7.80	12.9	3.536	90.3	2.6	0.6
559	12/20/2016 6:51	9.39	43.32	27.73	8.78	7.82	14.5	3.441	91.6	2.4	0.6
560	12/20/2016 7:06	9.13	42.16	26.89	8.79	7.80	12.0	3.357	90.7	2.6	0.6
561	12/20/2016 7:21	9.17	42.20	26.92	8.71	7.80	12.9	3.286	90.0	2.7	0.6
562	12/20/2016 7:36	9.20	42.19	26.92	8.70	7.80	13.8	3.208	89.9	2.8	0.7
563	12/20/2016 7:51	9.12	41.81	26.64	8.68	7.80	10.6	3.119	89.4	2.7	0.6
564	12/20/2016 8:06	8.89	41.02	26.08	8.72	7.78	7.9	3.040	89.0	2.7	0.6
565	12/20/2016 8:21	8.86	40.94	26.02	8.73	7.78	6.7	2.984	89.0	2.1	0.5
566	12/20/2016 8:36	8.89	41.05	26.10	8.72	7.78	7.2	2.901	89.1	3.1	0.7
567	12/20/2016 8:51	8.91	41.14	26.16	8.76	7.78	6.8	2.813	89.5	2.5	0.6
568	12/20/2016 9:06	8.82	40.65	25.82	8.81	7.78	6.5	2.755	89.7	2.7	0.6
569	12/20/2016 9:21	8.81	40.46	25.68	8.81	7.78	6.5	2.705	89.5	2.5	0.6
570	12/20/2016 9:36	8.77	40.06	25.40	8.82	7.77	6.7	2.619	89.4	3.1	0.7
571	12/20/2016 9:51	8.78	40.12	25.44	8.79	7.77	6.8	2.574	89.2	2.7	0.6
572	12/20/2016 10:06	8.76	40.04	25.39	8.83	7.77	6.2	2.512	89.5	2.9	0.7
573	12/20/2016 10:21	8.75	39.98	25.34	8.85	7.77	6.0	2.454	89.6	3.1	0.7
574	12/20/2016 10:36	8.72	39.78	25.20	8.84	7.77	5.7	2.423	89.4	3.1	0.7
575	12/20/2016 10:51	8.71	39.74	25.17	8.83	7.77	5.7	2.380	89.3	2.9	0.7
576	12/20/2016 11:06	8.74	39.83	25.24	8.74	7.77	5.2	2.375	88.5	3.1	0.7
577	12/20/2016 11:21	8.72	39.67	25.12	8.81	7.76	6.5	2.360	89.1	2.8	0.7
578	12/20/2016 11:36	8.80	39.92	25.31	8.80	7.77	6.0	2.369	89.2	2.4	0.6
579	12/20/2016 11:51	8.82	40.15	25.46	8.75	7.77	6.1	2.397	88.9	2.6	0.6
580	12/20/2016 12:06	8.82	40.16	25.47	8.75	7.77	6.7	2.417	88.8	2.6	0.6
581	12/20/2016 12:21	8.76	39.89	25.28	8.82	7.76	8.7	2.474	89.3	3.2	0.8
582	12/20/2016 12:36	8.74	39.55	25.04	8.85	7.76	7.0	2.544	89.5	3.2	0.8
583	12/20/2016 12:51	8.76	39.60	25.08	8.83	7.76	7.2	2.582	89.3	3.2	0.8
584	12/20/2016 13:06	8.93	40.62	25.80	8.70	7.77	8.1	2.665	88.7	2.7	0.6
585	12/20/2016 13:21	8.94	40.81	25.93	8.72	7.77	7.0	2.715	89.0	2.3	0.6
586	12/20/2016 13:36	8.97	40.95	26.03	8.68	7.78	6.5	2.756	88.8	2.3	0.5
587	12/20/2016 13:51	9.00	41.11	26.15	8.69	7.78	7.0	2.815	88.9	2.3	0.6
588	12/20/2016 14:06	9.01	41.15	26.18	8.72	7.78	6.7	2.879	89.3	2.7	0.6
589	12/20/2016 14:21	9.03	41.05	26.10	8.76	7.78	6.6	2.920	89.8	2.4	0.6
590	12/20/2016 14:36	9.18	41.90	26.71	8.66	7.79	7.2	2.978	89.4	1.9	0.5
591	12/20/2016 14:51	9.24	42.40	27.07	8.65	7.79	6.7	3.031	89.6	2.2	0.5

sonde #1

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	12/20/2016 15:06	9.29	42.60	27.21	8.62	7.80	6.9	3.068	89.4	2.1	0.5
593	12/20/2016 15:21	9.31	42.66	27.26	8.64	7.80	6.8	3.100	89.7	2.7	0.6
594	12/20/2016 15:36	9.34	42.84	27.39	8.63	7.80	6.5	3.158	89.8	2.6	0.6
595	12/20/2016 15:51	9.39	43.07	27.55	8.60	7.80	6.5	3.190	89.6	2.0	0.5
596	12/20/2016 16:06	9.42	43.14	27.60	8.61	7.80	6.7	3.214	89.8	2.2	0.5
597	12/20/2016 16:21	9.43	43.22	27.66	8.61	7.80	6.5	3.249	89.9	2.3	0.5
598	12/20/2016 16:36	9.45	43.34	27.74	8.59	7.80	6.5	3.270	89.8	2.2	0.5
599	12/20/2016 16:51	9.36	42.86	27.40	8.61	7.80	5.4	3.293	89.6	2.9	0.7
600	12/20/2016 17:06	9.33	42.67	27.26	8.53	7.79	5.4	3.305	88.6	2.4	0.6
601	12/20/2016 17:21	9.45	43.40	27.79	8.50	7.80	6.8	3.293	88.9	2.1	0.5
602	12/20/2016 17:36	9.42	43.19	27.64	8.53	7.80	6.4	3.271	89.0	2.1	0.5
603	12/20/2016 17:51	9.35	42.84	27.39	8.55	7.80	6.5	3.234	88.9	2.4	0.6
604	12/20/2016 18:06	9.24	41.83	26.67	8.73	7.79	7.1	3.190	90.2	2.8	0.7
605	12/20/2016 18:21	9.21	41.63	26.53	8.73	7.79	7.3	3.118	90.1	3.3	0.8
606	12/20/2016 18:36	9.25	41.82	26.66	8.74	7.79	8.5	3.055	90.3	2.7	0.6
607	12/20/2016 18:51	9.20	41.61	26.51	8.76	7.79	7.9	2.975	90.3	3.0	0.7
608	12/20/2016 19:06	9.13	41.30	26.29	8.83	7.79	6.7	2.901	90.8	3.4	0.8
609	12/20/2016 19:21	9.07	40.99	26.07	8.88	7.79	7.4	2.810	91.0	2.8	0.7
610	12/20/2016 19:36	9.01	40.76	25.91	8.87	7.78	6.4	2.748	90.7	2.9	0.7
611	12/20/2016 19:51	8.99	40.67	25.84	8.86	7.78	6.1	2.666	90.5	2.7	0.6
612	12/20/2016 20:06	8.91	40.32	25.59	8.86	7.77	7.5	2.577	90.2	3.3	0.8
613	12/20/2016 20:21	8.88	40.11	25.44	8.86	7.77	6.5	2.485	90.0	2.8	0.7
614	12/20/2016 20:36	8.84	39.93	25.31	8.89	7.77	6.3	2.413	90.2	3.2	0.8
615	12/20/2016 20:51	8.82	39.83	25.24	8.91	7.77	6.4	2.341	90.4	3.2	0.7
616	12/20/2016 21:06	8.81	39.84	25.25	8.89	7.77	6.2	2.250	90.1	3.0	0.7
617	12/20/2016 21:21	8.78	39.69	25.14	8.90	7.77	6.5	2.198	90.0	3.5	0.8
618	12/20/2016 21:36	8.81	39.73	25.17	8.84	7.76	6.7	2.108	89.5	3.6	0.9
619	12/20/2016 21:51	8.79	39.79	25.21	8.82	7.76	6.3	2.046	89.3	3.0	0.7
620	12/20/2016 22:06	8.71	39.50	25.01	8.85	7.76	6.2	2.043	89.3	2.7	0.6
621	12/20/2016 22:21	8.79	39.65	25.11	8.81	7.76	5.3	1.972	89.2	2.6	0.6
622	12/20/2016 22:36	8.89	40.03	25.39	8.65	7.76	5.0	1.951	87.9	2.8	0.7
623	12/20/2016 22:51	8.73	39.42	24.95	8.79	7.76	5.9	1.926	88.8	3.5	0.8
624	12/20/2016 23:06	8.72	39.35	24.90	8.87	7.76	5.6	1.932	89.6	3.6	0.9
625	12/20/2016 23:21	8.63	39.10	24.72	8.99	7.76	5.0	1.969	90.4	2.8	0.6
626	12/20/2016 23:36	8.85	39.91	25.30	8.78	7.76	5.9	1.966	89.2	3.2	0.8
627	12/20/2016 23:51	8.84	39.85	25.26	8.77	7.76	5.9	1.996	88.9	3.0	0.7
628	12/21/2016 0:06	8.77	39.55	25.04	8.88	7.76	5.6	2.081	89.8	2.9	0.7

sonde #1

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	12/21/2016 0:21	8.75	39.28	24.85	8.88	7.76	6.0	2.124	89.7	2.9	0.7
630	12/21/2016 0:36	8.74	39.31	24.88	8.88	7.76	6.3	2.211	89.7	3.5	0.8
631	12/21/2016 0:51	8.82	39.57	25.06	8.83	7.75	6.2	2.292	89.4	3.2	0.7
632	12/21/2016 1:06	8.87	39.73	25.18	8.81	7.75	6.2	2.364	89.3	3.0	0.7
633	12/21/2016 1:21	8.86	39.68	25.14	8.83	7.76	6.0	2.433	89.5	3.1	0.7
634	12/21/2016 1:36	8.96	40.35	25.61	8.79	7.76	6.0	2.506	89.6	3.1	0.7
635	12/21/2016 1:51	8.97	40.34	25.60	8.77	7.76	6.4	2.581	89.4	2.9	0.7
636	12/21/2016 2:06	9.04	40.67	25.84	8.75	7.77	6.8	2.648	89.5	2.4	0.6
637	12/21/2016 2:21	9.07	40.97	26.06	8.74	7.77	6.4	2.733	89.6	2.6	0.6
638	12/21/2016 2:36	9.06	41.02	26.09	8.78	7.77	7.1	2.824	89.9	2.6	0.6
639	12/21/2016 2:51	9.24	41.99	26.78	8.66	7.78	7.1	2.916	89.5	3.0	0.7
640	12/21/2016 3:06	9.36	42.60	27.22	8.57	7.79	7.3	2.997	89.1	2.7	0.6
641	12/21/2016 3:21	9.46	43.19	27.64	8.55	7.79	9.4	3.096	89.3	2.3	0.5
642	12/21/2016 3:36	9.53	43.57	27.91	8.51	7.79	11.0	3.171	89.2	2.1	0.5
643	12/21/2016 3:51	9.57	43.76	28.05	8.52	7.80	11.6	3.248	89.4	2.7	0.6
644	12/21/2016 4:06	9.58	43.76	28.05	8.55	7.80	14.8	3.330	89.8	2.6	0.6
645	12/21/2016 4:21	9.60	43.89	28.14	8.60	7.80	15.6	3.379	90.4	2.7	0.6
646	12/21/2016 4:36	9.66	44.15	28.33	8.66	7.80	17.7	3.480	91.2	2.7	0.6
647	12/21/2016 4:51	9.74	44.55	28.62	8.75	7.81	16.5	3.525	92.6	2.6	0.6
648	12/21/2016 5:06	9.84	45.02	28.96	8.82	7.81	16.7	3.601	93.7	2.5	0.6
649	12/21/2016 5:21	9.95	45.53	29.33	8.86	7.82	13.3	3.620	94.6	2.4	0.6
650	12/21/2016 5:36	10.05	45.95	29.63	8.89	7.82	12.6	3.690	95.3	2.5	0.6
651	12/21/2016 5:51	10.09	46.18	29.80	8.90	7.83	11.2	3.708	95.5	2.2	0.5
652	12/21/2016 6:06	10.11	46.32	29.90	8.90	7.82	7.9	3.751	95.6	2.7	0.6
653	12/21/2016 6:21	10.08	46.31	29.89	8.80	7.82	7.8	3.716	94.6	2.1	0.5
654	12/21/2016 6:36	10.10	46.26	29.86	8.84	7.82	10.8	3.727	94.9	2.7	0.6
655	12/21/2016 6:51	10.10	46.21	29.82	8.85	7.82	9.2	3.681	95.0	2.1	0.5
656	12/21/2016 7:06	9.97	45.69	29.45	8.86	7.82	9.6	3.644	94.7	1.7	0.4
657	12/21/2016 7:21	9.39	43.68	27.98	8.73	7.79	10.3	3.588	91.2	2.2	0.5
658	12/21/2016 7:36	9.73	44.51	28.59	8.75	7.80	9.4	3.529	92.5	2.3	0.5
659	12/21/2016 7:51	9.25	43.17	27.61	8.72	7.79	7.9	3.477	90.7	2.2	0.5
660	12/21/2016 8:06	9.41	43.50	27.86	8.76	7.79	8.9	3.429	91.5	1.8	0.4
661	12/21/2016 8:21	9.44	43.35	27.75	8.66	7.79	8.8	3.353	90.4	2.4	0.6
662	12/21/2016 8:36	9.43	43.31	27.72	8.60	7.79	10.4	3.288	89.8	2.0	0.5
663	12/21/2016 8:51	9.38	43.16	27.61	8.55	7.79	7.9	3.195	89.1	2.0	0.5
664	12/21/2016 9:06	9.28	42.84	27.38	8.58	7.78	8.3	3.121	89.2	2.1	0.5
665	12/21/2016 9:21	9.18	42.40	27.07	8.60	7.78	7.4	3.038	89.0	2.5	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
666	12/21/2016 9:36	9.15	42.25	26.96	8.60	7.78	6.4	2.980	88.9	2.6	0.6
667	12/21/2016 9:51	8.94	41.65	26.52	8.69	7.77	5.7	2.895	89.1	2.7	0.6
668	12/21/2016 10:06	8.96	41.65	26.52	8.70	7.77	5.5	2.845	89.3	2.4	0.6
669	12/21/2016 10:21	8.97	41.48	26.40	8.75	7.77	5.7	2.781	89.7	1.7	0.4
670	12/21/2016 10:36	9.00	41.35	26.32	8.79	7.77	5.3	2.701	90.1	2.2	0.5
671	12/21/2016 10:51	9.04	41.35	26.31	8.82	7.78	5.5	2.643	90.5	2.1	0.5
672	12/21/2016 11:06	9.04	41.06	26.12	8.81	7.77	5.4	2.597	90.3	2.6	0.6
673	12/21/2016 11:21	9.03	40.91	26.01	8.85	7.77	5.8	2.503	90.6	2.5	0.6
674	12/21/2016 11:36	9.10	40.83	25.95	8.89	7.78	5.2	2.441	91.2	2.5	0.6
675	12/21/2016 11:51	9.12	40.58	25.78	8.91	7.78	5.0	2.405	91.3	3.5	0.8
676	12/21/2016 12:06	9.08	40.55	25.76	8.90	7.78	4.8	2.390	91.1	2.7	0.6
677	12/21/2016 12:21	9.13	40.74	25.90	8.85	7.78	5.0	2.357	90.8	2.5	0.6
678	12/21/2016 12:36	9.15	41.14	26.17	8.73	7.78	5.1	2.358	89.7	2.1	0.5
679	12/21/2016 12:51	9.11	40.77	25.91	8.83	7.77	4.9	2.318	90.5	2.7	0.6
680	12/21/2016 13:06	9.08	40.57	25.78	8.87	7.77	4.8	2.342	90.8	2.8	0.7
681	12/21/2016 13:21	9.09	40.96	26.05	8.72	7.77	5.1	2.392	89.4	2.7	0.6
682	12/21/2016 13:36	9.09	41.32	26.30	8.61	7.77	6.5	2.378	88.4	2.7	0.6
683	12/21/2016 13:51	9.09	41.34	26.32	8.64	7.77	5.8	2.455	88.8	1.9	0.4
684	12/21/2016 14:06	9.12	40.91	26.02	8.74	7.77	5.7	2.503	89.6	3.3	0.8
685	12/21/2016 14:21	9.08	40.49	25.72	8.78	7.76	7.5	2.575	89.8	2.6	0.6
686	12/21/2016 14:36	9.13	41.01	26.08	8.67	7.76	7.0	2.614	89.0	2.8	0.7
687	12/21/2016 14:51	9.17	41.61	26.51	8.62	7.77	6.2	2.687	88.8	2.3	0.5
688	12/21/2016 15:06	9.19	41.68	26.56	8.69	7.77	6.1	2.746	89.6	2.7	0.6
689	12/21/2016 15:21	9.27	42.00	26.79	8.69	7.77	5.9	2.801	89.8	2.6	0.6
690	12/21/2016 15:36	9.30	41.64	26.54	8.69	7.77	5.5	2.840	89.8	2.4	0.6
691	12/21/2016 15:51	9.28	41.71	26.59	8.71	7.78	6.1	2.903	90.0	3.0	0.7
692	12/21/2016 16:06	9.33	42.61	27.22	8.65	7.78	5.9	2.954	89.9	2.7	0.6
693	12/21/2016 16:21	9.42	43.14	27.60	8.65	7.79	6.0	2.990	90.3	1.8	0.4
694	12/21/2016 16:36	9.45	43.29	27.71	8.64	7.79	5.7	3.028	90.3	2.3	0.6
695	12/21/2016 16:51	9.46	43.27	27.69	8.68	7.79	5.9	3.096	90.7	2.4	0.6
696	12/21/2016 17:06	9.50	43.43	27.81	8.71	7.79	5.8	3.126	91.2	2.9	0.7
697	12/21/2016 17:21	9.45	43.06	27.54	8.71	7.79	5.1	3.138	90.9	3.1	0.7
698	12/21/2016 17:36	9.48	43.42	27.80	8.62	7.79	5.1	3.193	90.1	2.2	0.5
699	12/21/2016 17:51	9.48	43.43	27.81	8.55	7.79	5.0	3.221	89.5	2.4	0.6
700	12/21/2016 18:06	9.46	43.27	27.69	8.62	7.79	5.7	3.170	90.1	2.7	0.6
701	12/21/2016 18:21	9.46	43.37	27.76	8.59	7.79	5.2	3.189	89.8	2.4	0.6
702	12/21/2016 18:36	9.47	43.22	27.66	8.59	7.79	5.7	3.173	89.7	2.7	0.6

sonde #1

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	12/21/2016 18:51	9.51	43.47	27.84	8.60	7.79	6.1	3.142	90.1	2.4	0.6
704	12/21/2016 19:06	9.20	42.16	26.90	8.75	7.78	6.1	3.129	90.4	3.2	0.7
705	12/21/2016 19:21	9.25	42.10	26.85	8.75	7.78	5.9	3.052	90.5	2.6	0.6
706	12/21/2016 19:36	9.23	41.81	26.65	8.83	7.79	5.9	2.983	91.2	2.4	0.6
707	12/21/2016 19:51	9.16	41.45	26.39	8.95	7.79	5.8	2.938	92.1	2.4	0.6
708	12/21/2016 20:06	9.06	41.51	26.43	8.91	7.78	6.1	2.909	91.5	2.3	0.5
709	12/21/2016 20:21	9.07	41.66	26.54	8.86	7.78	5.8	2.850	91.1	2.6	0.6
710	12/21/2016 20:36	9.05	41.59	26.49	8.92	7.78	5.9	2.759	91.6	2.7	0.6
711	12/21/2016 20:51	8.99	41.25	26.24	8.93	7.78	5.6	2.717	91.4	2.5	0.6
712	12/21/2016 21:06	8.95	41.24	26.24	8.89	7.78	5.6	2.655	91.0	2.7	0.6
713	12/21/2016 21:21	8.92	41.21	26.21	8.90	7.78	5.7	2.619	91.0	2.6	0.6
714	12/21/2016 21:36	8.89	41.11	26.14	8.88	7.78	6.0	2.530	90.7	2.3	0.5
715	12/21/2016 21:51	8.88	40.95	26.03	8.86	7.77	5.9	2.461	90.4	2.9	0.7
716	12/21/2016 22:06	8.80	40.97	26.04	8.86	7.77	6.1	2.411	90.2	2.6	0.6
717	12/21/2016 22:21	8.76	40.88	25.97	8.88	7.77	6.1	2.364	90.4	3.3	0.8
718	12/21/2016 22:36	8.74	40.78	25.90	8.90	7.78	6.2	2.287	90.4	3.0	0.7
719	12/21/2016 22:51	8.74	40.87	25.96	8.85	7.77	6.2	2.265	90.0	2.9	0.7
720	12/21/2016 23:06	8.72	40.66	25.82	8.89	7.78	6.4	2.205	90.2	3.0	0.7
721	12/21/2016 23:21	8.73	40.51	25.71	8.89	7.78	5.9	2.201	90.2	2.8	0.7
722	12/21/2016 23:36	8.76	40.46	25.68	8.88	7.78	5.4	2.173	90.1	3.0	0.7
723	12/21/2016 23:51	8.78	40.54	25.74	8.87	7.78	5.7	2.167	90.2	2.6	0.6
724	12/22/2016 0:06	8.71	40.62	25.78	8.85	7.77	5.4	2.167	89.8	2.7	0.6
725	12/22/2016 0:21	8.83	40.74	25.88	8.87	7.77	5.2	2.192	90.3	2.5	0.6
726	12/22/2016 0:36	8.90	40.83	25.95	8.82	7.77	5.4	2.198	90.0	3.1	0.7
727	12/22/2016 0:51	8.88	40.63	25.80	8.88	7.78	5.1	2.248	90.5	2.9	0.7
728	12/22/2016 1:06	8.87	40.65	25.82	8.84	7.77	5.1	2.311	90.1	3.0	0.7
729	12/22/2016 1:21	8.77	40.34	25.60	8.86	7.76	5.9	2.355	90.0	2.8	0.7
730	12/22/2016 1:36	8.93	40.83	25.95	8.77	7.76	5.2	2.384	89.6	3.0	0.7
731	12/22/2016 1:51	8.99	40.84	25.96	8.78	7.76	5.9	2.475	89.7	2.9	0.7
732	12/22/2016 2:06	9.07	41.16	26.19	8.75	7.77	5.6	2.572	89.8	2.4	0.6
733	12/22/2016 2:21	9.10	41.25	26.25	8.77	7.77	5.3	2.609	90.0	3.0	0.7
734	12/22/2016 2:36	9.14	41.43	26.38	8.76	7.77	5.4	2.695	90.2	2.6	0.6
735	12/22/2016 2:51	9.13	41.41	26.37	8.78	7.77	5.3	2.750	90.3	2.3	0.5
736	12/22/2016 3:06	9.04	41.85	26.67	8.80	7.78	5.9	2.835	90.5	2.6	0.6
737	12/22/2016 3:21	9.02	41.96	26.74	8.79	7.78	6.8	2.916	90.4	2.5	0.6
738	12/22/2016 3:36	9.02	42.18	26.90	8.81	7.78	7.2	3.003	90.6	2.6	0.6
739	12/22/2016 3:51	9.23	42.80	27.35	8.79	7.79	5.6	3.073	91.1	2.2	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
740	12/22/2016 4:06	9.25	42.90	27.42	8.81	7.79	5.6	3.154	91.4	2.0	0.5
741	12/22/2016 4:21	9.49	43.67	27.98	8.79	7.79	6.4	3.224	92.0	2.2	0.5
742	12/22/2016 4:36	9.71	44.33	28.46	8.80	7.80	8.9	3.319	92.9	2.3	0.5
743	12/22/2016 4:51	9.80	44.80	28.80	8.88	7.81	12.0	3.406	94.1	2.7	0.6
744	12/22/2016 5:06	9.78	44.90	28.87	8.93	7.81	12.1	3.465	94.7	2.9	0.7
745	12/22/2016 5:21	9.77	45.10	29.01	8.97	7.81	14.1	3.539	95.2	1.7	0.4
746	12/22/2016 5:36	9.81	45.40	29.23	9.01	7.82	14.3	3.574	95.8	2.6	0.6
747	12/22/2016 5:51	9.86	45.70	29.44	9.10	7.83	11.9	3.659	97.0	2.4	0.6
748	12/22/2016 6:06	9.88	45.80	29.52	9.09	7.83	10.1	3.713	97.0	1.8	0.4
749	12/22/2016 6:21	9.93	46.02	29.68	9.17	7.83	9.4	3.728	98.0	1.9	0.4
750	12/22/2016 6:36	10.05	46.48	30.01	9.14	7.83	10.9	3.753	98.2	2.2	0.5
751	12/22/2016 6:51	10.09	46.69	30.17	9.15	7.83	9.4	3.770	98.5	2.3	0.5
752	12/22/2016 7:06	10.00	46.37	29.93	9.08	7.83	5.9	3.762	97.4	2.2	0.5
753	12/22/2016 7:21	10.07	46.60	30.10	9.12	7.83	9.2	3.777	98.1	2.0	0.5
754	12/22/2016 7:36	10.03	46.41	29.96	9.11	7.83	8.9	3.756	97.8	2.4	0.6
755	12/22/2016 7:51	10.00	46.36	29.92	9.14	7.83	9.2	3.720	98.0	2.2	0.5
756	12/22/2016 8:06	9.09	43.90	28.12	8.99	7.80	9.2	3.642	93.4	2.3	0.5
757	12/22/2016 8:21	9.27	44.44	28.51	9.02	7.81	8.1	3.578	94.4	2.3	0.5
758	12/22/2016 8:36	9.16	43.80	28.05	8.90	7.80	8.0	3.530	92.6	1.9	0.5
759	12/22/2016 8:51	9.32	44.23	28.36	8.93	7.80	9.4	3.439	93.4	2.3	0.5
760	12/22/2016 9:06	9.34	44.07	28.26	8.92	7.80	8.8	3.353	93.3	2.2	0.5
761	12/22/2016 9:21	9.30	43.74	28.02	8.86	7.80	8.0	3.273	92.4	1.9	0.5
762	12/22/2016 9:36	9.20	43.35	27.74	8.84	7.80	9.7	3.189	91.8	1.9	0.4
763	12/22/2016 9:51	9.15	43.15	27.59	8.83	7.79	9.1	3.133	91.5	2.0	0.5
764	12/22/2016 10:06	9.28	43.53	27.87	8.83	7.79	7.3	3.042	91.9	2.2	0.5
765	12/22/2016 10:21	8.88	42.21	26.91	8.93	7.78	6.1	2.973	91.6	2.2	0.5
766	12/22/2016 10:36	9.01	42.38	27.04	8.90	7.79	5.5	2.880	91.7	1.9	0.4
767	12/22/2016 10:51	9.00	42.15	26.88	8.95	7.79	5.4	2.804	92.1	2.3	0.5
768	12/22/2016 11:06	9.04	42.00	26.77	8.98	7.79	4.9	2.742	92.4	2.4	0.6
769	12/22/2016 11:21	9.09	41.99	26.77	9.01	7.79	5.3	2.644	92.8	2.2	0.5
770	12/22/2016 11:36	9.19	42.00	26.78	8.97	7.79	5.2	2.588	92.6	2.5	0.6
771	12/22/2016 11:51	9.11	41.63	26.52	9.03	7.79	5.7	2.508	92.9	2.5	0.6
772	12/22/2016 12:06	9.10	41.51	26.43	9.04	7.79	5.0	2.465	92.9	2.8	0.7
773	12/22/2016 12:21	9.15	41.52	26.45	9.05	7.79	4.8	2.402	93.2	2.7	0.6
774	12/22/2016 12:36	9.36	41.67	26.56	9.07	7.80	5.1	2.345	93.9	2.2	0.5
775	12/22/2016 12:51	9.28	41.47	26.42	9.11	7.80	5.3	2.274	94.0	2.6	0.6
776	12/22/2016 13:06	9.23	41.33	26.31	9.12	7.80	4.9	2.262	94.0	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
777	12/22/2016 13:21	9.21	41.31	26.30	9.05	7.79	4.7	2.225	93.2	2.4	0.6
778	12/22/2016 13:36	9.21	41.54	26.46	8.96	7.78	4.8	2.207	92.4	2.1	0.5
779	12/22/2016 13:51	9.28	41.23	26.25	9.04	7.78	5.9	2.174	93.2	2.4	0.6
780	12/22/2016 14:06	9.21	41.20	26.22	9.07	7.78	4.8	2.240	93.3	2.9	0.7
781	12/22/2016 14:21	9.11	41.69	26.56	8.90	7.78	4.8	2.248	91.6	2.4	0.6
782	12/22/2016 14:36	9.11	41.53	26.45	8.95	7.78	5.0	2.307	92.0	2.8	0.6
783	12/22/2016 14:51	9.11	40.96	26.05	8.99	7.77	6.2	2.342	92.2	2.5	0.6
784	12/22/2016 15:06	9.05	40.89	26.00	8.99	7.76	6.4	2.406	92.1	2.5	0.6
785	12/22/2016 15:21	8.94	40.63	25.80	8.96	7.76	6.2	2.455	91.4	2.8	0.7
786	12/22/2016 15:36	9.02	41.15	26.17	9.00	7.77	5.6	2.508	92.2	3.0	0.7
787	12/22/2016 15:51	9.04	41.63	26.52	8.89	7.77	5.5	2.580	91.3	3.0	0.7
788	12/22/2016 16:06	9.04	41.73	26.58	8.90	7.77	5.4	2.599	91.5	2.4	0.6
789	12/22/2016 16:21	9.05	41.91	26.71	8.88	7.77	5.2	2.676	91.4	2.3	0.5
790	12/22/2016 16:36	9.11	42.13	26.87	8.92	7.77	5.0	2.728	92.0	2.8	0.7
791	12/22/2016 16:51	9.15	42.44	27.09	8.92	7.78	5.1	2.776	92.2	2.6	0.6
792	12/22/2016 17:06	9.14	42.46	27.10	8.93	7.78	5.0	2.829	92.3	2.7	0.6
793	12/22/2016 17:21	9.15	42.56	27.17	8.93	7.78	4.9	2.870	92.4	2.2	0.5
794	12/22/2016 17:36	9.17	42.59	27.20	8.94	7.78	5.3	2.942	92.5	2.5	0.6
795	12/22/2016 17:51	9.25	42.99	27.48	8.92	7.78	5.3	2.975	92.7	2.7	0.6
796	12/22/2016 18:06	9.32	43.27	27.68	8.90	7.79	5.3	3.004	92.7	2.4	0.6
797	12/22/2016 18:21	9.37	43.59	27.91	8.87	7.79	5.1	3.068	92.7	2.1	0.5
798	12/22/2016 18:36	9.39	43.71	28.00	8.86	7.79	5.1	3.095	92.7	2.5	0.6
799	12/22/2016 18:51	9.41	43.82	28.08	8.86	7.79	5.1	3.112	92.7	2.5	0.6
800	12/22/2016 19:06	9.43	43.89	28.13	8.86	7.79	5.3	3.146	92.7	2.2	0.5
801	12/22/2016 19:21	9.44	43.97	28.19	8.85	7.79	5.3	3.133	92.7	2.4	0.6
802	12/22/2016 19:36	9.43	43.92	28.15	8.81	7.79	4.7	3.130	92.2	2.1	0.5
803	12/22/2016 19:51	9.41	43.85	28.10	8.76	7.79	4.9	3.142	91.6	1.9	0.4
804	12/22/2016 20:06	9.37	43.66	27.96	8.82	7.79	5.0	3.135	92.1	2.4	0.6
805	12/22/2016 20:21	9.36	43.66	27.97	8.84	7.79	5.4	3.094	92.3	2.3	0.5
806	12/22/2016 20:36	9.25	43.00	27.49	8.87	7.78	5.4	3.070	92.1	1.9	0.4
807	12/22/2016 20:51	9.15	42.63	27.23	8.86	7.78	5.6	2.995	91.6	2.6	0.6
808	12/22/2016 21:06	9.15	42.47	27.11	8.91	7.78	5.9	2.935	92.1	2.5	0.6
809	12/22/2016 21:21	9.17	42.48	27.12	8.91	7.78	5.9	2.890	92.1	2.2	0.5
810	12/22/2016 21:36	9.19	42.48	27.12	8.91	7.78	5.1	2.837	92.2	2.3	0.5
811	12/22/2016 21:51	9.15	42.27	26.97	8.91	7.78	5.3	2.764	92.0	2.9	0.7
812	12/22/2016 22:06	9.16	42.28	26.98	8.89	7.78	5.7	2.708	91.9	2.3	0.5
813	12/22/2016 22:21	9.14	42.12	26.86	8.90	7.78	5.2	2.680	91.8	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
814	12/22/2016 22:36	9.13	42.09	26.85	8.91	7.78	5.1	2.623	91.9	2.8	0.7
815	12/22/2016 22:51	9.07	41.94	26.73	8.88	7.77	5.6	2.584	91.4	2.9	0.7
816	12/22/2016 23:06	9.06	41.98	26.76	8.88	7.77	5.1	2.517	91.4	2.4	0.6
817	12/22/2016 23:21	9.03	41.85	26.67	8.88	7.77	5.2	2.481	91.3	2.6	0.6
818	12/22/2016 23:36	9.00	41.55	26.45	8.90	7.77	5.3	2.420	91.4	2.6	0.6
819	12/22/2016 23:51	9.01	41.59	26.48	8.89	7.77	5.6	2.377	91.3	2.6	0.6
820	12/23/2016 0:06	9.02	41.62	26.51	8.83	7.76	5.3	2.357	90.6	2.8	0.7
821	12/23/2016 0:21	9.05	41.86	26.68	8.76	7.76	5.4	2.330	90.1	2.3	0.5
822	12/23/2016 0:36	8.93	41.14	26.17	8.88	7.77	5.3	2.282	90.8	2.7	0.6
823	12/23/2016 0:51	8.93	41.17	26.18	8.93	7.77	5.9	2.314	91.3	3.0	0.7
824	12/23/2016 1:06	8.93	41.22	26.22	8.94	7.77	6.1	2.322	91.4	2.9	0.7
825	12/23/2016 1:21	9.05	41.84	26.66	8.82	7.76	6.6	2.337	90.7	3.0	0.7
826	12/23/2016 1:36	9.06	41.91	26.71	8.85	7.76	6.3	2.379	91.0	2.7	0.6
827	12/23/2016 1:51	8.91	40.92	26.01	9.00	7.76	8.3	2.424	91.9	3.1	0.7
828	12/23/2016 2:06	9.03	41.49	26.42	8.86	7.76	6.8	2.465	90.9	2.9	0.7
829	12/23/2016 2:21	9.08	41.71	26.58	8.87	7.76	6.5	2.518	91.2	3.0	0.7
830	12/23/2016 2:36	9.13	42.14	26.88	8.86	7.77	6.5	2.569	91.4	3.2	0.8
831	12/23/2016 2:51	9.19	42.50	27.13	8.88	7.77	6.3	2.634	91.9	2.7	0.6
832	12/23/2016 3:06	9.23	42.73	27.30	8.89	7.77	7.0	2.679	92.2	2.3	0.5
833	12/23/2016 3:21	9.18	42.63	27.23	8.94	7.78	6.5	2.732	92.6	2.4	0.6
834	12/23/2016 3:36	9.22	42.90	27.42	8.91	7.78	7.4	2.814	92.5	2.8	0.7
835	12/23/2016 3:51	9.25	43.05	27.53	8.95	7.78	8.7	2.888	93.0	2.3	0.5
836	12/23/2016 4:06	9.33	43.45	27.81	8.92	7.79	7.1	2.952	93.0	2.2	0.5
837	12/23/2016 4:21	9.39	43.74	28.02	8.90	7.79	7.1	3.022	93.1	1.9	0.4
838	12/23/2016 4:36	9.43	43.90	28.14	8.89	7.79	8.0	3.106	93.0	2.4	0.6
839	12/23/2016 4:51	9.50	44.19	28.35	8.91	7.79	7.8	3.222	93.5	2.4	0.6
840	12/23/2016 5:06	9.65	44.85	28.83	8.94	7.80	7.9	3.256	94.5	1.7	0.4
841	12/23/2016 5:21	9.88	45.82	29.53	8.98	7.81	9.8	3.344	95.8	2.5	0.6
842	12/23/2016 5:36	9.92	45.96	29.63	9.01	7.81	10.6	3.432	96.3	2.4	0.6
843	12/23/2016 5:51	9.91	45.93	29.61	9.02	7.81	11.2	3.525	96.4	1.9	0.5
844	12/23/2016 6:06	9.94	46.04	29.69	9.05	7.82	11.7	3.592	96.8	2.4	0.6
845	12/23/2016 6:21	10.00	46.30	29.88	9.10	7.82	11.0	3.641	97.6	2.1	0.5
846	12/23/2016 6:36	10.06	46.46	30.00	9.14	7.83	10.0	3.713	98.2	2.2	0.5
847	12/23/2016 6:51	10.09	46.61	30.11	9.17	7.83	9.5	3.771	98.7	2.7	0.6
848	12/23/2016 7:06	10.15	46.79	30.24	9.18	7.84	7.8	3.797	98.9	1.9	0.4
849	12/23/2016 7:21	10.17	46.86	30.29	9.15	7.84	6.8	3.830	98.7	2.1	0.5
850	12/23/2016 7:36	10.19	46.90	30.32	9.14	7.84	5.9	3.857	98.7	1.9	0.4

sonde #1

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	12/23/2016 7:51	10.20	46.93	30.34	9.05	7.84	5.0	3.863	97.8	2.0	0.5
852	12/23/2016 8:06	10.13	46.84	30.27	9.09	7.83	7.4	3.841	98.0	2.0	0.5
853	12/23/2016 8:21	10.17	46.88	30.31	9.12	7.84	7.2	3.831	98.4	1.7	0.4
854	12/23/2016 8:36	9.85	45.58	29.36	8.97	7.81	6.8	3.784	95.6	1.7	0.4
855	12/23/2016 8:51	9.78	45.35	29.19	8.97	7.80	13.4	3.741	95.3	2.1	0.5
856	12/23/2016 9:06	10.00	46.25	29.85	9.08	7.82	7.6	3.671	97.4	1.7	0.4
857	12/23/2016 9:21	9.91	45.83	29.54	9.04	7.82	9.1	3.595	96.5	2.5	0.6
858	12/23/2016 9:36	9.50	43.98	28.20	8.98	7.79	9.1	3.552	94.2	2.2	0.5
859	12/23/2016 9:51	9.58	44.31	28.44	9.02	7.80	8.5	3.443	95.0	1.9	0.5
860	12/23/2016 10:06	9.58	44.35	28.47	9.02	7.80	8.9	3.360	94.9	2.0	0.5
861	12/23/2016 10:21	9.54	44.03	28.24	9.00	7.79	8.7	3.268	94.5	2.2	0.5
862	12/23/2016 10:36	9.50	43.75	28.04	9.00	7.79	9.4	3.165	94.3	2.1	0.5
863	12/23/2016 10:51	9.45	43.63	27.95	9.00	7.79	10.0	3.090	94.2	2.4	0.6
864	12/23/2016 11:06	9.33	42.98	27.48	9.02	7.79	10.8	3.016	93.8	2.7	0.6
865	12/23/2016 11:21	9.50	43.90	28.14	8.94	7.79	9.2	2.906	93.7	2.4	0.6
866	12/23/2016 11:36	9.53	44.03	28.23	8.94	7.79	10.6	2.831	93.9	1.9	0.4
867	12/23/2016 11:51	9.49	43.71	28.01	9.04	7.79	14.5	2.749	94.7	2.2	0.5
868	12/23/2016 12:06	9.50	43.74	28.03	9.09	7.80	18.7	2.654	95.3	3.1	0.7
869	12/23/2016 12:21	9.45	43.54	27.89	9.11	7.80	27.5	2.562	95.3	3.1	0.7
870	12/23/2016 12:36	9.33	43.07	27.54	9.21	7.80	33.7	2.482	95.8	3.4	0.8
871	12/23/2016 12:51	9.33	43.03	27.52	9.13	7.79	41.7	2.376	95.0	4.1	1.0
872	12/23/2016 13:06	9.28	42.76	27.32	9.13	7.79	44.2	2.287	94.8	4.4	1.0
873	12/23/2016 13:21	9.25	42.58	27.20	9.09	7.78	48.6	2.226	94.3	4.4	1.0
874	12/23/2016 13:36	9.21	42.31	27.01	9.08	7.78	44.2	2.161	93.9	4.4	1.0
875	12/23/2016 13:51	9.19	42.19	26.92	9.07	7.78	40.3	2.113	93.7	4.4	1.0
876	12/23/2016 14:06	9.17	42.11	26.86	9.02	7.78	39.0	2.068	93.1	4.1	1.0
877	12/23/2016 14:21	9.17	42.10	26.85	9.03	7.77	37.8	2.046	93.3	4.3	1.0
878	12/23/2016 14:36	9.17	42.10	26.85	8.99	7.78	29.1	2.053	92.8	3.9	0.9
879	12/23/2016 14:51	9.18	42.14	26.88	8.95	7.77	35.8	2.036	92.5	4.1	1.0
880	12/23/2016 15:06	9.20	42.21	26.94	9.03	7.77	33.6	2.073	93.3	3.9	0.9
881	12/23/2016 15:21	9.18	42.18	26.91	9.03	7.77	30.6	2.117	93.3	3.8	0.9
882	12/23/2016 15:36	9.16	42.11	26.86	9.03	7.77	33.1	2.141	93.2	4.0	0.9
883	12/23/2016 15:51	9.18	42.16	26.90	9.00	7.77	31.9	2.200	93.0	3.5	0.8
884	12/23/2016 16:06	9.15	41.71	26.58	9.02	7.76	29.1	2.288	93.0	3.6	0.8
885	12/23/2016 16:21	9.14	41.37	26.34	9.06	7.76	23.6	2.349	93.2	3.5	0.8
886	12/23/2016 16:36	9.20	42.05	26.82	9.00	7.77	25.5	2.399	93.0	3.8	0.9
887	12/23/2016 16:51	9.22	42.21	26.93	9.02	7.77	28.4	2.481	93.3	3.1	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
888	12/23/2016 17:06	9.25	42.33	27.02	9.00	7.77	28.5	2.533	93.2	3.6	0.9
889	12/23/2016 17:21	9.28	42.57	27.19	9.00	7.77	21.7	2.605	93.3	3.3	0.8
890	12/23/2016 17:36	9.32	42.80	27.35	8.95	7.78	18.2	2.654	93.0	3.0	0.7
891	12/23/2016 17:51	9.35	42.97	27.48	8.96	7.78	14.8	2.705	93.3	3.0	0.7
892	12/23/2016 18:06	9.39	43.18	27.63	8.94	7.78	14.1	2.763	93.2	2.7	0.6
893	12/23/2016 18:21	9.43	43.37	27.76	8.91	7.78	11.9	2.817	93.1	2.1	0.5
894	12/23/2016 18:36	9.44	43.41	27.79	8.92	7.78	11.2	2.865	93.2	2.5	0.6
895	12/23/2016 18:51	9.44	43.48	27.84	8.94	7.78	10.9	2.919	93.4	2.7	0.6
896	12/23/2016 19:06	9.47	43.58	27.92	8.92	7.79	10.3	2.968	93.4	2.9	0.7
897	12/23/2016 19:21	9.48	43.66	27.97	8.95	7.79	9.8	3.030	93.7	2.9	0.7
898	12/23/2016 19:36	9.50	43.75	28.03	8.95	7.79	10.2	3.057	93.9	2.4	0.6
899	12/23/2016 19:51	9.52	43.82	28.09	8.95	7.79	9.5	3.081	93.9	2.5	0.6
900	12/23/2016 20:06	9.54	43.89	28.14	8.94	7.79	9.3	3.141	93.8	2.6	0.6
901	12/23/2016 20:21	9.55	43.94	28.18	8.91	7.79	8.8	3.161	93.6	2.5	0.6
902	12/23/2016 20:36	9.55	43.95	28.18	8.90	7.79	7.5	3.160	93.4	2.0	0.5
903	12/23/2016 20:51	9.55	43.94	28.18	8.94	7.79	8.3	3.160	93.9	2.2	0.5
904	12/23/2016 21:06	9.55	43.94	28.17	8.93	7.79	8.1	3.172	93.7	2.5	0.6
905	12/23/2016 21:21	9.54	43.92	28.16	8.94	7.79	10.6	3.135	93.9	2.4	0.6
906	12/23/2016 21:36	9.52	43.83	28.10	8.94	7.79	10.0	3.096	93.8	2.7	0.6
907	12/23/2016 21:51	9.41	43.40	27.78	8.93	7.78	11.4	3.077	93.2	2.3	0.5
908	12/23/2016 22:06	9.43	43.47	27.83	8.95	7.78	10.6	3.006	93.5	2.7	0.6
909	12/23/2016 22:21	9.33	43.01	27.50	8.98	7.78	15.9	2.944	93.4	2.6	0.6
910	12/23/2016 22:36	9.20	42.54	27.17	8.98	7.77	17.4	2.887	92.9	2.5	0.6
911	12/23/2016 22:51	9.28	42.79	27.35	8.92	7.78	16.5	2.845	92.6	3.0	0.7
912	12/23/2016 23:06	9.26	42.80	27.35	8.91	7.77	12.4	2.776	92.5	2.8	0.7
913	12/23/2016 23:21	9.01	42.22	26.93	8.95	7.76	13.0	2.726	92.1	2.8	0.6
914	12/23/2016 23:36	8.94	41.91	26.70	8.93	7.76	14.1	2.687	91.6	3.1	0.7
915	12/23/2016 23:51	8.95	42.06	26.81	8.95	7.76	13.7	2.640	91.9	3.1	0.7
916	12/24/2016 0:06	8.96	42.04	26.80	8.93	7.76	13.0	2.575	91.8	2.6	0.6
917	12/24/2016 0:21	8.96	42.04	26.80	8.91	7.76	11.9	2.546	91.6	2.9	0.7
918	12/24/2016 0:36	8.91	42.05	26.80	8.89	7.76	12.1	2.509	91.2	3.4	0.8
919	12/24/2016 0:51	8.93	41.97	26.75	8.88	7.76	11.3	2.452	91.1	3.3	0.8
920	12/24/2016 1:06	8.73	41.72	26.56	8.86	7.75	13.0	2.438	90.4	3.0	0.7
921	12/24/2016 1:21	8.91	41.98	26.75	8.87	7.76	11.2	2.414	91.0	3.0	0.7
922	12/24/2016 1:36	8.82	41.70	26.55	8.80	7.75	12.3	2.407	89.9	2.7	0.6
923	12/24/2016 1:51	8.88	41.89	26.69	8.90	7.76	13.0	2.417	91.2	3.0	0.7
924	12/24/2016 2:06	9.01	42.09	26.83	8.91	7.76	11.2	2.418	91.6	3.1	0.7

sonde #1			Indian Island Long-Term Deployment Water Quality Data								
Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
925	12/24/2016 2:21	8.99	42.05	26.81	8.92	7.76	11.7	2.422	91.7	2.4	0.6
926	12/24/2016 2:36	9.06	42.18	26.90	8.94	7.76	11.2	2.435	92.1	2.5	0.6
927	12/24/2016 2:51	8.98	41.99	26.77	8.95	7.76	12.7	2.487	92.0	2.6	0.6
928	12/24/2016 3:06	8.97	41.91	26.71	8.94	7.76	12.7	2.541	91.8	2.9	0.7
929	12/24/2016 3:21	9.01	42.00	26.77	8.90	7.76	15.1	2.595	91.5	3.2	0.8
930	12/24/2016 3:36	9.09	42.14	26.87	8.92	7.76	12.8	2.663	92.0	2.7	0.6
931	12/24/2016 3:51	9.11	42.14	26.88	8.93	7.76	12.2	2.711	92.0	2.9	0.7
932	12/24/2016 4:06	9.18	42.44	27.09	8.93	7.77	11.9	2.782	92.4	2.9	0.7
933	12/24/2016 4:21	9.18	42.39	27.06	8.96	7.77	11.7	2.867	92.7	2.8	0.7
934	12/24/2016 4:36	9.26	42.82	27.37	8.96	7.77	13.7	2.927	93.1	2.5	0.6
935	12/24/2016 4:51	9.17	42.65	27.24	8.98	7.77	12.4	2.992	93.0	2.8	0.7
936	12/24/2016 5:06	9.24	43.04	27.52	8.98	7.78	10.7	3.078	93.2	2.4	0.6
937	12/24/2016 5:21	9.20	43.07	27.53	9.03	7.78	9.9	3.168	93.7	2.2	0.5
938	12/24/2016 5:36	9.36	43.47	27.83	8.99	7.79	11.4	3.232	93.8	2.8	0.7
939	12/24/2016 5:51	9.57	44.27	28.41	8.99	7.80	13.5	3.316	94.6	2.7	0.6
940	12/24/2016 6:06	9.64	44.53	28.60	9.00	7.80	17.0	3.401	95.0	2.4	0.6
941	12/24/2016 6:21	9.70	44.78	28.78	9.01	7.80	16.6	3.477	95.3	2.3	0.6
942	12/24/2016 6:36	9.73	44.90	28.87	9.02	7.81	13.2	3.544	95.5	2.8	0.7
943	12/24/2016 6:51	9.72	44.96	28.91	9.01	7.81	16.9	3.622	95.4	2.4	0.6
944	12/24/2016 7:06	9.75	45.16	29.05	9.02	7.82	12.4	3.674	95.7	2.4	0.6
945	12/24/2016 7:21	9.77	45.26	29.13	9.03	7.82	10.7	3.710	95.8	2.1	0.5
946	12/24/2016 7:36	9.83	45.49	29.30	9.01	7.82	9.7	3.779	95.8	1.9	0.4
947	12/24/2016 7:51	9.85	45.61	29.38	9.00	7.83	9.4	3.809	95.9	2.1	0.5
948	12/24/2016 8:06	9.88	45.74	29.48	9.02	7.83	8.4	3.830	96.2	2.1	0.5
949	12/24/2016 8:21	9.89	45.80	29.51	9.00	7.83	6.1	3.836	96.1	2.3	0.5
950	12/24/2016 8:36	9.91	45.83	29.54	8.90	7.83	5.7	3.852	95.0	2.0	0.5
951	12/24/2016 8:51	9.89	45.72	29.46	9.02	7.83	8.1	3.833	96.2	2.1	0.5
952	12/24/2016 9:06	9.91	45.81	29.52	8.99	7.83	8.4	3.794	96.0	1.6	0.4
953	12/24/2016 9:21	9.38	44.45	28.52	9.00	7.80	9.0	3.750	94.4	1.6	0.4
954	12/24/2016 9:36	9.71	45.19	29.07	9.02	7.82	10.4	3.704	95.6	1.7	0.4
955	12/24/2016 9:51	9.34	44.59	28.62	9.09	7.81	9.5	3.639	95.3	2.5	0.6
956	12/24/2016 10:06	9.51	44.37	28.47	9.04	7.81	15.3	3.544	95.0	2.1	0.5
957	12/24/2016 10:21	9.59	44.38	28.49	9.02	7.80	14.4	3.468	95.0	2.6	0.6
958	12/24/2016 10:36	9.41	44.01	28.22	9.04	7.80	13.0	3.363	94.7	2.9	0.7
959	12/24/2016 10:51	9.08	42.86	27.39	9.07	7.79	14.7	3.273	93.8	2.3	0.6
960	12/24/2016 11:06	8.86	42.07	26.81	9.08	7.77	11.9	3.193	93.1	2.3	0.5
961	12/24/2016 11:21	9.00	42.42	27.07	9.11	7.77	10.1	3.101	93.8	2.5	0.6

sonde #1

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	12/24/2016 11:36	9.05	42.36	27.02	9.09	7.78	10.0	2.998	93.7	2.5	0.6
963	12/24/2016 11:51	8.96	42.08	26.83	9.15	7.77	11.4	2.895	94.0	2.4	0.6
964	12/24/2016 12:06	9.02	42.00	26.77	9.17	7.78	10.8	2.798	94.3	1.9	0.4
965	12/24/2016 12:21	9.06	41.89	26.69	9.13	7.78	10.6	2.703	94.0	2.7	0.6
966	12/24/2016 12:36	9.14	41.92	26.73	9.20	7.78	10.3	2.601	94.8	2.8	0.6
967	12/24/2016 12:51	9.23	42.01	26.80	9.21	7.78	9.7	2.500	95.2	1.8	0.4
968	12/24/2016 13:06	9.30	41.97	26.77	9.22	7.78	10.7	2.392	95.4	1.8	0.4
969	12/24/2016 13:21	9.16	41.74	26.60	9.17	7.78	12.8	2.295	94.5	2.9	0.7
970	12/24/2016 13:36	9.17	41.70	26.57	9.18	7.78	12.5	2.208	94.6	2.9	0.7
971	12/24/2016 13:51	9.19	41.65	26.54	9.18	7.78	12.1	2.101	94.7	3.0	0.7
972	12/24/2016 14:06	9.36	41.66	26.56	9.36	7.79	10.8	2.021	96.8	2.1	0.5
973	12/24/2016 14:21	9.37	41.55	26.48	9.27	7.79	11.2	1.956	95.9	2.7	0.6
974	12/24/2016 14:36	9.35	41.52	26.46	9.31	7.79	11.4	1.897	96.2	2.3	0.6
975	12/24/2016 14:51	9.42	41.41	26.38	9.32	7.79	11.6	1.862	96.4	2.8	0.7
976	12/24/2016 15:06	9.28	41.41	26.37	9.19	7.79	10.4	1.833	94.8	2.9	0.7
977	12/24/2016 15:21	9.22	41.44	26.39	9.23	7.78	11.9	1.841	95.2	2.9	0.7
978	12/24/2016 15:36	9.35	41.49	26.43	9.27	7.79	10.6	1.836	95.8	3.2	0.8
979	12/24/2016 15:51	9.19	41.48	26.42	9.19	7.77	11.2	1.890	94.6	2.8	0.7
980	12/24/2016 16:06	9.14	41.51	26.44	9.20	7.77	10.9	1.924	94.7	3.1	0.7
981	12/24/2016 16:21	9.13	41.38	26.35	9.16	7.77	10.8	1.984	94.1	2.6	0.6
982	12/24/2016 16:36	9.10	41.02	26.09	9.13	7.77	10.8	2.069	93.6	2.6	0.6
983	12/24/2016 16:51	9.09	41.09	26.14	9.14	7.76	12.2	2.131	93.7	3.0	0.7
984	12/24/2016 17:06	9.10	41.03	26.10	9.12	7.76	12.3	2.211	93.5	2.8	0.7
985	12/24/2016 17:21	9.11	41.13	26.17	9.10	7.76	12.2	2.271	93.4	2.8	0.7
986	12/24/2016 17:36	9.10	41.19	26.21	9.07	7.76	13.0	2.345	93.1	2.5	0.6
987	12/24/2016 17:51	9.09	41.43	26.38	9.05	7.76	13.5	2.419	93.0	2.9	0.7
988	12/24/2016 18:06	9.11	41.52	26.44	9.05	7.76	12.4	2.486	93.1	2.7	0.6
989	12/24/2016 18:21	9.14	41.91	26.72	9.06	7.76	11.1	2.540	93.4	2.4	0.6
990	12/24/2016 18:36	9.13	41.92	26.72	9.05	7.76	10.9	2.617	93.2	2.6	0.6
991	12/24/2016 18:51	9.12	41.82	26.65	9.04	7.76	11.1	2.671	93.1	2.9	0.7
992	12/24/2016 19:06	9.09	42.01	26.78	9.02	7.76	11.1	2.728	92.9	2.6	0.6
993	12/24/2016 19:21	9.10	42.19	26.91	9.02	7.77	10.9	2.798	93.0	3.1	0.7
994	12/24/2016 19:36	9.15	42.32	27.00	9.03	7.77	11.9	2.864	93.2	2.3	0.6
995	12/24/2016 19:51	9.17	42.51	27.14	9.00	7.77	12.0	2.906	93.1	2.7	0.6
996	12/24/2016 20:06	9.20	42.61	27.21	8.99	7.78	12.2	2.969	93.1	2.7	0.6
997	12/24/2016 20:21	9.22	42.73	27.30	9.02	7.78	11.1	3.033	93.5	2.8	0.7
998	12/24/2016 20:36	9.24	42.80	27.35	8.99	7.78	10.9	3.087	93.2	2.4	0.6

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
999	12/24/2016 20:51	9.25	42.82	27.36	8.98	7.78	10.0	3.121	93.2	2.7	0.6
1000	12/24/2016 21:06	9.26	42.85	27.38	8.98	7.78	9.0	3.165	93.3	2.7	0.6
1001	12/24/2016 21:21	9.29	42.89	27.41	8.94	7.78	9.5	3.195	92.9	2.9	0.7
1002	12/24/2016 21:36	9.30	42.92	27.44	8.95	7.78	7.3	3.219	93.0	2.5	0.6
1003	12/24/2016 21:51	9.29	42.90	27.42	8.88	7.78	6.8	3.212	92.3	3.1	0.7
1004	12/24/2016 22:06	9.29	42.89	27.42	8.95	7.78	8.0	3.203	93.0	2.4	0.6
1005	12/24/2016 22:21	9.31	42.96	27.46	8.97	7.78	8.8	3.181	93.2	2.6	0.6
1006	12/24/2016 22:36	9.28	42.86	27.39	8.95	7.78	10.9	3.155	93.0	2.6	0.6
1007	12/24/2016 22:51	9.23	42.69	27.27	8.98	7.78	11.1	3.123	93.1	2.5	0.6
1008	12/24/2016 23:06	9.19	42.60	27.20	8.97	7.77	12.5	3.057	92.9	2.8	0.7
1009	12/24/2016 23:21	9.14	42.40	27.06	9.00	7.77	11.9	2.995	93.0	2.8	0.7
1010	12/24/2016 23:36	9.09	42.10	26.84	8.97	7.77	12.0	2.938	92.5	2.6	0.6
1011	12/24/2016 23:51	8.95	41.81	26.64	8.99	7.77	10.8	2.877	92.2	2.3	0.5
1012	12/25/2016 0:06	8.97	41.81	26.63	9.00	7.77	10.6	2.825	92.4	2.7	0.6
1013	12/25/2016 0:21	8.64	40.97	26.02	9.10	7.76	10.8	2.768	92.3	2.6	0.6
1014	12/25/2016 0:36	8.63	41.03	26.07	9.09	7.76	10.1	2.714	92.3	2.9	0.7
1015	12/25/2016 0:51	8.43	40.91	25.97	9.08	7.75	8.9	2.660	91.7	3.1	0.7
1016	12/25/2016 1:06	8.43	40.83	25.92	9.10	7.75	8.8	2.614	91.9	3.0	0.7
1017	12/25/2016 1:21	8.48	40.81	25.91	9.06	7.75	8.6	2.576	91.5	2.7	0.6
1018	12/25/2016 1:36	8.53	41.07	26.09	9.04	7.75	8.6	2.539	91.5	2.7	0.6
1019	12/25/2016 1:51	8.44	40.83	25.92	9.00	7.75	8.0	2.505	90.9	2.8	0.7
1020	12/25/2016 2:06	8.45	40.83	25.91	8.99	7.75	8.1	2.501	90.8	2.6	0.6
1021	12/25/2016 2:21	8.42	40.89	25.96	8.95	7.75	8.6	2.490	90.3	2.9	0.7
1022	12/25/2016 2:36	8.49	40.93	25.99	9.02	7.75	8.4	2.474	91.2	4.3	1.0
1023	12/25/2016 2:51	8.65	41.09	26.11	9.02	7.75	8.2	2.487	91.6	2.6	0.6
1024	12/25/2016 3:06	8.59	40.97	26.03	9.02	7.75	8.2	2.489	91.4	2.5	0.6
1025	12/25/2016 3:21	8.71	41.17	26.17	9.03	7.75	8.7	2.516	91.9	2.9	0.7
1026	12/25/2016 3:36	8.58	40.99	26.04	9.05	7.75	8.6	2.549	91.7	2.4	0.6
1027	12/25/2016 3:51	8.48	40.84	25.92	9.05	7.75	9.5	2.589	91.5	3.0	0.7
1028	12/25/2016 4:06	8.54	40.81	25.91	9.05	7.75	9.7	2.645	91.6	2.7	0.6
1029	12/25/2016 4:21	8.78	41.20	26.20	9.05	7.76	10.2	2.707	92.2	3.0	0.7
1030	12/25/2016 4:36	8.77	41.25	26.23	9.05	7.76	8.3	2.763	92.3	2.9	0.7
1031	12/25/2016 4:51	8.87	41.58	26.47	9.04	7.76	9.1	2.843	92.5	2.4	0.6
1032	12/25/2016 5:06	8.88	41.61	26.49	9.04	7.76	8.1	2.903	92.5	2.1	0.5
1033	12/25/2016 5:21	8.82	41.40	26.34	9.05	7.76	8.1	2.957	92.4	3.1	0.7
1034	12/25/2016 5:36	8.81	41.93	26.71	9.07	7.77	9.9	3.043	92.8	2.3	0.5
1035	12/25/2016 5:51	8.74	42.05	26.79	9.10	7.77	10.0	3.118	93.0	2.8	0.7

sonde #1

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	12/25/2016 6:06	8.79	41.98	26.74	9.10	7.77	9.7	3.203	93.1	3.3	0.8
1037	12/25/2016 6:21	8.77	41.42	26.35	9.13	7.77	10.3	3.281	93.1	3.3	0.8
1038	12/25/2016 6:36	9.13	42.82	27.36	9.05	7.79	9.5	3.360	93.7	2.6	0.6
1039	12/25/2016 6:51	9.26	43.46	27.82	9.06	7.80	10.1	3.428	94.3	2.8	0.7
1040	12/25/2016 7:06	9.36	43.86	28.11	9.05	7.81	9.2	3.499	94.5	2.7	0.6
1041	12/25/2016 7:21	9.74	45.05	28.97	9.02	7.82	11.2	3.578	95.6	2.0	0.5
1042	12/25/2016 7:36	9.72	45.15	29.04	9.03	7.83	13.0	3.649	95.7	2.6	0.6
1043	12/25/2016 7:51	9.74	45.20	29.08	9.03	7.83	11.5	3.690	95.8	2.5	0.6
1044	12/25/2016 8:06	9.77	45.39	29.22	9.02	7.83	10.8	3.766	95.8	2.4	0.6
1045	12/25/2016 8:21	9.77	45.47	29.27	9.00	7.84	9.4	3.810	95.6	2.5	0.6
1046	12/25/2016 8:36	9.76	45.59	29.36	9.01	7.84	8.7	3.834	95.8	2.3	0.5
1047	12/25/2016 8:51	9.76	45.62	29.38	9.01	7.84	7.7	3.866	95.7	1.9	0.5
1048	12/25/2016 9:06	9.76	45.66	29.41	9.06	7.84	7.1	3.880	96.4	2.1	0.5
1049	12/25/2016 9:21	9.75	45.60	29.36	8.99	7.84	6.5	3.884	95.5	2.1	0.5
1050	12/25/2016 9:36	9.75	45.64	29.39	9.02	7.84	7.5	3.862	95.9	1.4	0.3
1051	12/25/2016 9:51	9.75	45.62	29.38	9.03	7.84	9.0	3.822	95.9	1.7	0.4
1052	12/25/2016 10:06	9.65	45.20	29.07	8.99	7.84	8.8	3.776	95.2	2.2	0.5
1053	12/25/2016 10:21	9.69	45.27	29.13	8.96	7.83	10.5	3.705	95.0	2.0	0.5
1054	12/25/2016 10:36	9.62	44.91	28.86	9.01	7.82	11.9	3.629	95.2	2.4	0.6
1055	12/25/2016 10:51	9.35	43.77	28.04	9.06	7.81	12.3	3.522	94.6	2.1	0.5
1056	12/25/2016 11:06	9.25	43.66	27.96	9.02	7.80	12.2	3.438	94.0	2.4	0.6
1057	12/25/2016 11:21	9.02	42.91	27.41	9.07	7.79	10.4	3.341	93.7	3.0	0.7
1058	12/25/2016 11:36	8.96	42.52	27.14	9.04	7.78	14.1	3.238	93.1	2.5	0.6
1059	12/25/2016 11:51	8.90	42.31	26.98	9.05	7.78	9.7	3.129	93.0	2.8	0.7
1060	12/25/2016 12:06	9.05	42.72	27.28	9.10	7.79	7.2	3.022	93.9	2.5	0.6
1061	12/25/2016 12:21	9.05	42.61	27.21	9.15	7.79	7.2	2.908	94.4	2.3	0.5
1062	12/25/2016 12:36	9.01	42.42	27.07	9.16	7.79	8.0	2.796	94.3	2.6	0.6
1063	12/25/2016 12:51	9.00	42.22	26.93	9.15	7.79	8.2	2.689	94.1	2.4	0.6
1064	12/25/2016 13:06	8.82	41.68	26.53	9.18	7.78	8.7	2.581	93.8	2.5	0.6
1065	12/25/2016 13:21	8.82	41.58	26.46	9.23	7.78	8.7	2.489	94.3	2.7	0.6
1066	12/25/2016 13:36	8.85	41.53	26.44	9.18	7.78	8.7	2.374	93.8	2.7	0.6
1067	12/25/2016 13:51	8.75	41.40	26.33	9.25	7.78	9.2	2.258	94.3	2.3	0.5
1068	12/25/2016 14:06	8.70	41.37	26.31	9.25	7.78	9.4	2.164	94.1	2.5	0.6
1069	12/25/2016 14:21	8.70	41.35	26.30	9.31	7.78	9.6	2.060	94.7	2.7	0.6
1070	12/25/2016 14:36	8.75	41.33	26.28	9.34	7.78	8.5	1.962	95.2	2.2	0.5
1071	12/25/2016 14:51	8.61	41.07	26.10	9.33	7.78	9.4	1.867	94.7	2.5	0.6
1072	12/25/2016 15:06	8.61	41.05	26.08	9.33	7.78	9.0	1.797	94.7	2.4	0.6

sonde #1

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	12/25/2016 15:21	8.55	40.94	26.00	9.34	7.78	8.7	1.735	94.5	2.4	0.6
1074	12/25/2016 15:36	8.47	40.85	25.93	9.31	7.77	7.9	1.706	94.0	2.5	0.6
1075	12/25/2016 15:51	8.44	40.79	25.89	9.25	7.77	6.7	1.689	93.3	3.0	0.7
1076	12/25/2016 16:06	8.43	40.77	25.87	9.29	7.77	7.3	1.693	93.7	3.1	0.7
1077	12/25/2016 16:21	8.41	40.79	25.88	9.30	7.77	7.2	1.728	93.8	2.7	0.6
1078	12/25/2016 16:36	8.40	40.83	25.91	9.28	7.77	7.5	1.761	93.6	2.9	0.7
1079	12/25/2016 16:51	8.38	40.82	25.90	9.24	7.77	7.6	1.813	93.2	2.8	0.7
1080	12/25/2016 17:06	8.36	40.43	25.63	9.24	7.76	7.8	1.876	93.0	2.6	0.6
1081	12/25/2016 17:21	8.38	40.17	25.45	9.24	7.76	8.9	1.968	92.9	3.0	0.7
1082	12/25/2016 17:36	8.42	40.04	25.37	9.20	7.75	9.1	2.031	92.5	2.8	0.7
1083	12/25/2016 17:51	8.44	40.02	25.36	9.19	7.75	8.4	2.107	92.5	3.1	0.7
1084	12/25/2016 18:06	8.49	40.59	25.75	9.19	7.75	9.1	2.192	92.8	2.7	0.6
1085	12/25/2016 18:21	8.59	40.81	25.91	9.12	7.76	10.8	2.284	92.4	2.7	0.6
1086	12/25/2016 18:36	8.68	41.21	26.20	9.09	7.76	10.2	2.351	92.4	2.6	0.6
1087	12/25/2016 18:51	8.75	41.47	26.38	9.09	7.76	9.1	2.424	92.7	2.5	0.6
1088	12/25/2016 19:06	8.78	41.66	26.52	9.08	7.77	9.8	2.497	92.7	3.0	0.7
1089	12/25/2016 19:21	8.77	41.65	26.51	9.05	7.77	9.4	2.581	92.4	2.6	0.6
1090	12/25/2016 19:36	8.77	41.73	26.57	9.05	7.77	9.2	2.657	92.4	2.7	0.6
1091	12/25/2016 19:51	8.75	41.76	26.59	9.07	7.77	9.7	2.727	92.6	2.6	0.6
1092	12/25/2016 20:06	8.79	41.95	26.73	9.08	7.77	10.4	2.791	92.8	2.8	0.7
1093	12/25/2016 20:21	8.79	42.01	26.77	9.07	7.77	8.9	2.864	92.8	2.7	0.6
1094	12/25/2016 20:36	8.84	42.09	26.82	9.05	7.78	10.0	2.939	92.7	2.3	0.5
1095	12/25/2016 20:51	8.91	42.29	26.97	9.04	7.78	10.5	2.992	92.8	2.8	0.6
1096	12/25/2016 21:06	8.93	42.38	27.04	9.04	7.78	12.1	3.062	92.9	2.8	0.7
1097	12/25/2016 21:21	8.95	42.45	27.09	9.04	7.78	11.4	3.120	93.0	2.9	0.7
1098	12/25/2016 21:36	8.99	42.56	27.17	9.06	7.79	11.7	3.182	93.3	2.7	0.6
1099	12/25/2016 21:51	9.02	42.72	27.28	9.05	7.79	10.4	3.228	93.4	2.5	0.6
1100	12/25/2016 22:06	9.13	43.17	27.61	9.04	7.80	9.2	3.264	93.7	2.2	0.5
1101	12/25/2016 22:21	9.20	43.52	27.86	9.02	7.80	9.2	3.299	93.8	2.5	0.6
1102	12/25/2016 22:36	9.23	43.67	27.96	9.02	7.81	6.5	3.313	94.0	2.4	0.6
1103	12/25/2016 22:51	9.20	43.51	27.85	8.98	7.80	6.1	3.319	93.3	2.7	0.6
1104	12/25/2016 23:06	9.21	43.58	27.90	9.07	7.80	8.1	3.288	94.4	2.9	0.7
1105	12/25/2016 23:21	8.76	42.49	27.11	9.06	7.79	10.0	3.257	92.9	3.2	0.7
1106	12/25/2016 23:36	8.40	41.82	26.61	9.11	7.77	8.1	3.211	92.3	2.5	0.6
1107	12/25/2016 23:51	8.30	41.68	26.51	9.14	7.77	7.9	3.147	92.4	3.1	0.7
1108	12/26/2016 0:06	8.58	41.94	26.70	9.07	7.77	11.5	3.091	92.3	3.0	0.7
1109	12/26/2016 0:21	8.47	41.70	26.53	9.11	7.77	11.5	3.013	92.3	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1110	12/26/2016 0:36	8.13	41.16	26.13	9.14	7.76	8.2	2.944	91.7	2.7	0.6
1111	12/26/2016 0:51	8.20	41.35	26.26	9.14	7.77	7.8	2.899	92.0	2.1	0.5
1112	12/26/2016 1:06	8.08	41.10	26.08	9.13	7.76	7.0	2.821	91.5	2.5	0.6
1113	12/26/2016 1:21	8.04	41.10	26.08	9.13	7.76	7.0	2.765	91.4	2.7	0.6
1114	12/26/2016 1:36	8.04	41.14	26.11	9.10	7.75	7.0	2.721	91.1	2.9	0.7
1115	12/26/2016 1:51	7.94	40.97	25.98	9.10	7.75	6.7	2.661	90.8	2.4	0.6
1116	12/26/2016 2:06	7.87	40.79	25.85	9.15	7.75	6.9	2.624	91.1	2.4	0.6
1117	12/26/2016 2:21	7.81	40.81	25.86	9.12	7.75	7.0	2.590	90.7	3.0	0.7
1118	12/26/2016 2:36	7.78	40.78	25.84	9.14	7.75	6.7	2.553	90.9	2.8	0.7
1119	12/26/2016 2:51	7.77	40.81	25.86	9.12	7.75	6.3	2.528	90.6	2.5	0.6
1120	12/26/2016 3:06	7.90	41.04	26.03	9.05	7.75	6.5	2.534	90.3	2.6	0.6
1121	12/26/2016 3:21	8.17	41.13	26.11	9.07	7.75	6.5	2.521	91.1	2.8	0.7
1122	12/26/2016 3:36	7.63	40.58	25.69	9.18	7.75	6.5	2.530	90.8	2.9	0.7
1123	12/26/2016 3:51	7.90	40.85	25.90	9.12	7.75	6.4	2.556	90.9	2.8	0.7
1124	12/26/2016 4:06	8.09	41.01	26.02	9.09	7.75	6.8	2.587	91.1	2.9	0.7
1125	12/26/2016 4:21	8.12	41.14	26.12	9.10	7.75	7.7	2.618	91.3	2.8	0.6
1126	12/26/2016 4:36	7.99	40.93	25.96	9.13	7.75	6.7	2.666	91.3	2.3	0.5
1127	12/26/2016 4:51	8.21	41.16	26.13	9.10	7.76	7.5	2.729	91.5	2.8	0.7
1128	12/26/2016 5:06	8.27	41.28	26.22	9.10	7.76	7.9	2.785	91.7	2.9	0.7
1129	12/26/2016 5:21	8.38	41.48	26.37	9.07	7.76	7.0	2.845	91.7	2.8	0.6
1130	12/26/2016 5:36	8.45	41.71	26.53	9.06	7.77	7.1	2.912	91.8	2.6	0.6
1131	12/26/2016 5:51	8.42	41.70	26.52	9.07	7.77	6.8	2.983	91.9	3.0	0.7
1132	12/26/2016 6:06	8.47	42.03	26.76	9.09	7.78	7.8	3.064	92.3	2.5	0.6
1133	12/26/2016 6:21	8.59	42.55	27.13	9.12	7.79	8.1	3.133	93.1	2.7	0.6
1134	12/26/2016 6:36	8.54	42.61	27.17	9.14	7.79	6.5	3.214	93.2	2.8	0.7
1135	12/26/2016 6:51	8.59	42.85	27.34	9.13	7.79	6.7	3.293	93.3	2.9	0.7
1136	12/26/2016 7:06	8.66	42.88	27.37	9.13	7.79	7.3	3.366	93.5	2.7	0.6
1137	12/26/2016 7:21	8.85	43.51	27.82	9.10	7.80	7.3	3.448	93.9	2.7	0.6
1138	12/26/2016 7:36	9.23	44.37	28.46	9.06	7.82	13.1	3.519	94.7	2.6	0.6
1139	12/26/2016 7:51	9.30	44.63	28.65	9.07	7.82	12.6	3.605	95.0	1.8	0.4
1140	12/26/2016 8:06	9.34	44.81	28.78	9.07	7.82	10.4	3.674	95.2	2.0	0.5
1141	12/26/2016 8:21	9.32	44.91	28.85	9.05	7.83	11.5	3.734	94.9	2.4	0.6
1142	12/26/2016 8:36	9.33	45.05	28.95	9.02	7.83	10.5	3.804	94.7	2.3	0.5
1143	12/26/2016 8:51	9.35	45.30	29.13	9.01	7.83	9.4	3.864	94.8	1.7	0.4
1144	12/26/2016 9:06	9.37	45.50	29.27	9.02	7.84	8.4	3.888	95.0	2.1	0.5
1145	12/26/2016 9:21	9.38	45.58	29.33	9.02	7.84	7.6	3.934	95.1	2.3	0.5
1146	12/26/2016 9:36	9.39	45.65	29.38	9.02	7.84	6.8	3.957	95.1	1.8	0.4

sonde #1

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	12/26/2016 9:51	9.39	45.66	29.39	8.81	7.84	4.9	3.948	92.9	2.0	0.5
1148	12/26/2016 10:06	9.40	45.68	29.40	8.99	7.84	7.5	3.934	94.8	1.6	0.4
1149	12/26/2016 10:21	9.40	45.63	29.37	8.98	7.84	8.1	3.910	94.7	2.0	0.5
1150	12/26/2016 10:36	9.27	45.22	29.06	9.03	7.83	10.4	3.837	94.8	1.9	0.5
1151	12/26/2016 10:51	8.89	43.94	28.13	9.12	7.81	9.2	3.779	94.3	2.1	0.5
1152	12/26/2016 11:06	8.90	43.79	28.03	9.12	7.81	9.4	3.686	94.3	2.9	0.7
1153	12/26/2016 11:21	8.78	43.34	27.70	9.14	7.80	9.8	3.597	94.1	2.5	0.6
1154	12/26/2016 11:36	8.68	42.96	27.43	9.14	7.80	8.1	3.498	93.6	2.2	0.5
1155	12/26/2016 11:51	8.54	42.53	27.11	9.21	7.79	7.7	3.378	93.9	2.1	0.5
1156	12/26/2016 12:06	8.61	42.56	27.14	9.22	7.79	8.9	3.276	94.1	2.4	0.6
1157	12/26/2016 12:21	8.49	42.18	26.86	9.23	7.79	7.9	3.175	93.9	2.1	0.5
1158	12/26/2016 12:36	8.57	42.22	26.90	9.31	7.79	6.7	3.052	94.9	2.1	0.5
1159	12/26/2016 12:51	8.55	42.07	26.79	9.30	7.79	6.8	2.954	94.7	2.8	0.7
1160	12/26/2016 13:06	8.52	41.98	26.73	9.33	7.79	7.0	2.839	94.9	2.4	0.6
1161	12/26/2016 13:21	8.42	41.71	26.53	9.38	7.79	7.3	2.711	95.0	2.4	0.6
1162	12/26/2016 13:36	8.47	41.69	26.52	9.41	7.79	7.6	2.597	95.4	2.1	0.5
1163	12/26/2016 13:51	8.44	41.51	26.40	9.40	7.79	8.6	2.468	95.2	2.2	0.5
1164	12/26/2016 14:06	8.42	41.38	26.30	9.43	7.79	8.3	2.345	95.3	2.7	0.6
1165	12/26/2016 14:21	8.22	41.16	26.13	9.43	7.78	8.7	2.222	94.9	2.8	0.7
1166	12/26/2016 14:36	8.24	41.14	26.12	9.47	7.78	9.1	2.109	95.3	2.6	0.6
1167	12/26/2016 14:51	8.26	41.10	26.10	9.49	7.78	8.7	1.991	95.5	2.8	0.7
1168	12/26/2016 15:06	8.31	41.12	26.11	9.52	7.79	8.8	1.885	95.9	3.3	0.8
1169	12/26/2016 15:21	8.18	41.00	26.02	9.49	7.79	8.5	1.789	95.3	2.4	0.6
1170	12/26/2016 15:36	8.24	41.04	26.05	9.50	7.79	8.6	1.695	95.6	2.3	0.5
1171	12/26/2016 15:51	8.19	40.95	25.99	9.46	7.79	8.1	1.649	95.0	2.4	0.6
1172	12/26/2016 16:06	8.15	40.89	25.94	9.42	7.78	7.3	1.620	94.4	3.0	0.7
1173	12/26/2016 16:21	8.12	40.84	25.90	9.36	7.78	6.7	1.578	93.8	3.0	0.7
1174	12/26/2016 16:36	8.10	40.82	25.89	9.30	7.78	6.9	1.575	93.1	3.2	0.8
1175	12/26/2016 16:51	8.06	40.85	25.90	9.39	7.78	6.5	1.641	94.0	2.3	0.5
1176	12/26/2016 17:06	7.99	40.81	25.87	9.42	7.78	6.8	1.694	94.1	2.7	0.6
1177	12/26/2016 17:21	7.89	40.64	25.75	9.43	7.77	7.1	1.724	93.9	3.1	0.7
1178	12/26/2016 17:36	7.87	40.42	25.60	9.42	7.77	7.0	1.785	93.6	2.7	0.6
1179	12/26/2016 17:51	7.89	40.03	25.32	9.43	7.76	7.9	1.885	93.6	3.2	0.8
1180	12/26/2016 18:06	7.87	39.76	25.13	9.42	7.76	8.4	1.957	93.3	3.0	0.7
1181	12/26/2016 18:21	7.93	39.93	25.26	9.40	7.76	7.9	1.996	93.4	3.5	0.8
1182	12/26/2016 18:36	7.96	40.10	25.38	9.38	7.76	7.8	2.099	93.3	3.3	0.8
1183	12/26/2016 18:51	8.01	40.48	25.65	9.35	7.76	8.3	2.183	93.3	2.9	0.7

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1184	12/26/2016 19:06	8.06	40.37	25.58	9.30	7.76	8.0	2.232	92.9	3.4	0.8
1185	12/26/2016 19:21	8.21	40.97	26.00	9.26	7.77	8.7	2.346	93.0	2.9	0.7
1186	12/26/2016 19:36	8.38	41.52	26.40	9.20	7.77	9.2	2.410	93.0	2.0	0.5
1187	12/26/2016 19:51	8.42	41.68	26.51	9.18	7.77	9.2	2.502	93.0	2.4	0.6
1188	12/26/2016 20:06	8.43	41.70	26.53	9.15	7.77	9.0	2.612	92.7	2.7	0.6
1189	12/26/2016 20:21	8.42	41.70	26.52	9.17	7.77	8.7	2.676	92.9	2.6	0.6
1190	12/26/2016 20:36	8.43	41.81	26.60	9.16	7.78	9.8	2.763	92.9	2.7	0.6
1191	12/26/2016 20:51	8.41	41.78	26.58	9.18	7.78	8.8	2.837	93.0	2.6	0.6
1192	12/26/2016 21:06	8.43	41.92	26.68	9.16	7.78	9.7	2.907	92.9	2.6	0.6
1193	12/26/2016 21:21	8.50	42.04	26.77	9.13	7.78	10.8	2.980	92.8	3.0	0.7
1194	12/26/2016 21:36	8.56	42.21	26.89	9.14	7.78	11.7	3.039	93.1	2.9	0.7
1195	12/26/2016 21:51	8.62	42.44	27.06	9.14	7.79	10.8	3.113	93.3	2.7	0.6
1196	12/26/2016 22:06	8.64	42.64	27.20	9.11	7.79	10.3	3.185	93.2	3.1	0.7
1197	12/26/2016 22:21	8.71	42.86	27.36	9.09	7.79	10.1	3.242	93.2	2.6	0.6
1198	12/26/2016 22:36	8.90	43.52	27.83	9.06	7.81	14.1	3.306	93.5	3.0	0.7
1199	12/26/2016 22:51	9.02	44.05	28.22	9.04	7.82	10.3	3.340	93.8	2.5	0.6
1200	12/26/2016 23:06	9.05	44.24	28.35	9.03	7.82	8.6	3.373	93.9	2.3	0.5
1201	12/26/2016 23:21	9.04	44.23	28.35	9.00	7.82	6.7	3.387	93.6	2.8	0.7
1202	12/26/2016 23:36	9.06	44.29	28.39	8.96	7.82	7.5	3.383	93.2	2.8	0.7
1203	12/26/2016 23:51	8.86	43.68	27.95	9.00	7.81	6.5	3.359	92.9	2.4	0.6
1204	12/27/2016 0:06	8.73	43.56	27.86	9.10	7.81	10.1	3.316	93.6	2.6	0.6
1205	12/27/2016 0:21	8.51	42.85	27.34	9.14	7.79	8.4	3.287	93.3	2.6	0.6
1206	12/27/2016 0:36	8.37	42.26	26.92	9.14	7.78	7.9	3.219	92.7	2.6	0.6
1207	12/27/2016 0:51	8.49	42.48	27.08	9.10	7.78	12.3	3.140	92.7	3.0	0.7
1208	12/27/2016 1:06	8.36	42.10	26.80	9.14	7.78	13.2	3.096	92.6	2.5	0.6
1209	12/27/2016 1:21	8.45	42.13	26.83	9.13	7.78	9.0	3.027	92.7	2.8	0.7
1210	12/27/2016 1:36	8.30	41.78	26.57	9.16	7.77	8.4	2.951	92.6	2.3	0.5
1211	12/27/2016 1:51	8.22	41.65	26.48	9.11	7.77	6.9	2.897	91.9	2.9	0.7
1212	12/27/2016 2:06	8.11	41.50	26.36	9.10	7.76	6.9	2.822	91.4	2.7	0.6
1213	12/27/2016 2:21	8.06	41.46	26.33	9.11	7.76	6.4	2.770	91.4	2.9	0.7
1214	12/27/2016 2:36	7.95	41.23	26.16	9.12	7.76	6.5	2.717	91.2	3.0	0.7
1215	12/27/2016 2:51	7.90	41.14	26.10	9.14	7.75	6.4	2.689	91.2	2.5	0.6
1216	12/27/2016 3:06	7.88	41.09	26.06	9.15	7.75	6.4	2.626	91.3	3.0	0.7
1217	12/27/2016 3:21	7.83	41.01	26.00	9.14	7.75	6.2	2.580	91.0	2.9	0.7
1218	12/27/2016 3:36	7.85	41.08	26.05	9.04	7.75	6.5	2.569	90.1	3.2	0.8
1219	12/27/2016 3:51	8.17	41.44	26.32	9.10	7.76	6.0	2.575	91.5	2.7	0.6
1220	12/27/2016 4:06	8.14	41.41	26.31	9.10	7.76	6.2	2.536	91.4	2.5	0.6

sonde #1

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	12/27/2016 4:21	8.14	41.42	26.31	9.08	7.76	6.0	2.569	91.3	2.3	0.5
1222	12/27/2016 4:36	7.98	41.20	26.15	9.14	7.76	5.8	2.617	91.4	2.3	0.6
1223	12/27/2016 4:51	8.03	41.33	26.24	9.12	7.76	6.3	2.618	91.4	2.7	0.6
1224	12/27/2016 5:06	8.12	41.50	26.37	9.08	7.76	6.4	2.669	91.3	2.2	0.5
1225	12/27/2016 5:21	8.02	41.30	26.22	9.13	7.76	6.6	2.745	91.5	2.6	0.6
1226	12/27/2016 5:36	8.16	41.51	26.38	9.13	7.76	8.1	2.783	91.9	2.3	0.5
1227	12/27/2016 5:51	8.25	41.83	26.61	9.09	7.77	7.2	2.842	91.8	2.7	0.6
1228	12/27/2016 6:06	8.32	42.03	26.75	9.07	7.78	6.8	2.925	91.8	2.6	0.6
1229	12/27/2016 6:21	8.31	42.02	26.74	9.11	7.78	7.4	3.002	92.2	2.7	0.6
1230	12/27/2016 6:36	8.42	42.43	27.04	9.09	7.78	7.5	3.049	92.4	2.9	0.7
1231	12/27/2016 6:51	8.53	42.83	27.33	9.09	7.79	6.5	3.126	92.8	2.4	0.6
1232	12/27/2016 7:06	8.56	42.96	27.42	9.10	7.80	6.1	3.206	93.1	2.5	0.6
1233	12/27/2016 7:21	8.67	43.29	27.66	9.07	7.80	6.7	3.287	93.0	2.5	0.6
1234	12/27/2016 7:36	8.77	43.62	27.90	9.03	7.81	6.9	3.347	93.0	2.5	0.6
1235	12/27/2016 7:51	9.02	44.26	28.37	8.96	7.82	9.7	3.447	93.1	2.7	0.6
1236	12/27/2016 8:06	9.05	44.34	28.43	8.97	7.82	11.3	3.519	93.3	2.4	0.6
1237	12/27/2016 8:21	9.11	44.51	28.55	8.92	7.83	11.5	3.573	93.0	2.4	0.6
1238	12/27/2016 8:36	9.20	44.77	28.74	8.92	7.83	10.6	3.672	93.3	2.8	0.7
1239	12/27/2016 8:51	9.22	44.81	28.77	8.88	7.83	10.4	3.748	92.9	2.4	0.6
1240	12/27/2016 9:06	9.29	45.13	29.01	8.85	7.84	9.8	3.794	92.9	2.1	0.5
1241	12/27/2016 9:21	9.36	45.32	29.14	8.82	7.84	9.3	3.865	92.8	2.2	0.5
1242	12/27/2016 9:36	9.43	45.53	29.29	8.82	7.85	8.2	3.933	93.1	2.2	0.5
1243	12/27/2016 9:51	9.47	45.64	29.38	8.80	7.85	7.8	3.935	93.0	2.2	0.5
1244	12/27/2016 10:06	9.51	45.73	29.44	8.78	7.85	5.9	3.992	92.8	1.9	0.5
1245	12/27/2016 10:21	9.54	45.83	29.51	8.76	7.85	5.6	3.999	92.7	1.6	0.4
1246	12/27/2016 10:36	9.54	45.85	29.53	8.77	7.85	7.4	3.968	92.9	2.1	0.5
1247	12/27/2016 10:51	9.54	45.85	29.53	8.77	7.85	6.7	3.964	92.9	1.9	0.4
1248	12/27/2016 11:06	9.49	45.69	29.41	8.78	7.85	9.3	3.910	92.9	1.8	0.4
1249	12/27/2016 11:21	9.13	44.55	28.58	8.91	7.83	8.9	3.826	92.9	2.3	0.5
1250	12/27/2016 11:36	8.68	42.88	27.37	9.12	7.80	7.0	3.758	93.4	2.1	0.5
1251	12/27/2016 11:51	8.73	43.11	27.54	9.05	7.80	6.5	3.657	92.9	1.7	0.4
1252	12/27/2016 12:06	8.75	43.03	27.48	9.08	7.80	6.8	3.549	93.3	1.9	0.4
1253	12/27/2016 12:21	8.75	43.03	27.48	9.08	7.80	8.1	3.448	93.3	2.7	0.6
1254	12/27/2016 12:36	8.66	42.88	27.37	9.11	7.80	10.4	3.331	93.3	2.4	0.6
1255	12/27/2016 12:51	8.65	42.71	27.25	9.12	7.80	8.3	3.234	93.3	2.4	0.6
1256	12/27/2016 13:06	8.66	42.64	27.20	9.18	7.80	7.0	3.123	93.9	2.5	0.6
1257	12/27/2016 13:21	8.73	42.71	27.26	9.22	7.80	6.7	2.975	94.6	2.3	0.5

sonde #1

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	12/27/2016 13:36	8.78	42.74	27.28	9.23	7.81	7.1	2.874	94.7	2.4	0.6
1259	12/27/2016 13:51	8.66	42.43	27.05	9.25	7.80	7.5	2.763	94.5	2.3	0.5
1260	12/27/2016 14:06	8.84	42.65	27.22	9.22	7.80	7.3	2.604	94.7	2.5	0.6
1261	12/27/2016 14:21	8.57	42.12	26.83	9.31	7.80	7.9	2.492	94.8	2.2	0.5
1262	12/27/2016 14:36	8.44	41.82	26.61	9.30	7.79	9.4	2.380	94.3	3.0	0.7
1263	12/27/2016 14:51	8.47	41.78	26.58	9.35	7.79	8.9	2.221	94.9	2.5	0.6
1264	12/27/2016 15:06	8.38	41.55	26.42	9.37	7.79	11.1	2.090	94.8	2.9	0.7
1265	12/27/2016 15:21	8.27	41.36	26.28	9.41	7.78	10.1	1.964	94.9	2.3	0.5
1266	12/27/2016 15:36	8.32	41.36	26.28	9.37	7.78	9.7	1.848	94.6	2.9	0.7
1267	12/27/2016 15:51	8.20	41.12	26.11	9.37	7.78	8.9	1.721	94.2	2.8	0.7
1268	12/27/2016 16:06	8.16	40.97	25.99	9.36	7.77	8.3	1.628	93.9	2.8	0.7
1269	12/27/2016 16:21	8.18	40.95	25.98	9.34	7.77	8.1	1.563	93.7	2.8	0.7
1270	12/27/2016 16:36	8.19	40.90	25.95	9.33	7.77	8.1	1.517	93.7	2.6	0.6
1271	12/27/2016 16:51	8.16	40.85	25.91	9.32	7.77	7.5	1.473	93.4	3.0	0.7
1272	12/27/2016 17:06	8.20	40.93	25.97	9.37	7.77	7.2	1.480	94.1	3.0	0.7
1273	12/27/2016 17:21	8.18	40.94	25.98	9.38	7.77	7.0	1.506	94.2	2.6	0.6
1274	12/27/2016 17:36	8.16	40.94	25.98	9.36	7.77	7.3	1.563	93.9	2.9	0.7
1275	12/27/2016 17:51	8.07	40.86	25.91	9.37	7.77	7.5	1.617	93.8	2.4	0.6
1276	12/27/2016 18:06	8.01	40.64	25.76	9.41	7.77	7.9	1.700	94.0	3.5	0.8
1277	12/27/2016 18:21	7.97	40.01	25.32	9.43	7.76	8.6	1.763	93.8	2.9	0.7
1278	12/27/2016 18:36	7.95	39.95	25.27	9.43	7.75	8.3	1.841	93.8	3.5	0.8
1279	12/27/2016 18:51	8.01	40.20	25.45	9.41	7.75	7.9	1.932	93.8	3.1	0.7
1280	12/27/2016 19:06	8.04	40.27	25.50	9.39	7.75	7.6	2.001	93.6	2.9	0.7
1281	12/27/2016 19:21	8.07	40.50	25.66	9.36	7.76	7.6	2.076	93.5	3.5	0.8
1282	12/27/2016 19:36	8.12	40.61	25.74	9.33	7.76	8.0	2.178	93.4	3.1	0.7
1283	12/27/2016 19:51	8.19	40.80	25.88	9.30	7.76	7.7	2.256	93.3	3.0	0.7
1284	12/27/2016 20:06	8.39	41.69	26.52	9.19	7.78	7.9	2.349	93.0	3.1	0.7
1285	12/27/2016 20:21	8.41	41.79	26.59	9.17	7.78	9.0	2.463	92.9	2.2	0.5
1286	12/27/2016 20:36	8.42	41.84	26.63	9.17	7.78	8.5	2.524	92.9	2.6	0.6
1287	12/27/2016 20:51	8.42	41.89	26.66	9.17	7.78	8.7	2.614	93.0	2.6	0.6
1288	12/27/2016 21:06	8.41	41.74	26.56	9.16	7.78	8.4	2.716	92.8	2.6	0.6
1289	12/27/2016 21:21	8.47	42.04	26.77	9.16	7.78	10.0	2.804	93.1	2.6	0.6
1290	12/27/2016 21:36	8.53	42.23	26.90	9.14	7.78	10.4	2.886	93.0	3.4	0.8
1291	12/27/2016 21:51	8.56	42.32	26.97	9.12	7.79	11.1	2.956	93.0	2.5	0.6
1292	12/27/2016 22:06	8.63	42.46	27.07	9.11	7.79	12.9	3.042	93.0	3.2	0.8
1293	12/27/2016 22:21	8.70	42.70	27.24	9.09	7.79	12.8	3.105	93.1	2.5	0.6
1294	12/27/2016 22:36	8.75	42.90	27.39	9.06	7.80	10.8	3.193	93.0	2.2	0.5

sonde #1

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	12/27/2016 22:51	8.92	43.52	27.84	9.10	7.81	11.9	3.240	94.0	2.8	0.7
1296	12/27/2016 23:06	9.02	43.91	28.12	9.15	7.82	11.2	3.315	94.9	3.1	0.7
1297	12/27/2016 23:21	9.10	44.19	28.32	9.15	7.83	9.6	3.359	95.2	2.1	0.5
1298	12/27/2016 23:36	9.15	44.38	28.46	9.17	7.83	8.8	3.381	95.6	2.8	0.7
1299	12/27/2016 23:51	9.18	44.46	28.52	9.18	7.83	7.6	3.424	95.8	2.7	0.6
1300	12/28/2016 0:06	9.20	44.53	28.57	9.07	7.84	5.6	3.413	94.7	2.6	0.6
1301	12/28/2016 0:21	9.19	44.50	28.55	9.15	7.83	8.1	3.407	95.5	2.1	0.5
1302	12/28/2016 0:36	9.16	44.38	28.46	9.17	7.83	8.9	3.384	95.7	1.7	0.4
1303	12/28/2016 0:51	8.90	43.46	27.80	9.13	7.81	9.2	3.335	94.3	2.2	0.5
1304	12/28/2016 1:06	8.78	43.07	27.51	9.12	7.80	8.4	3.287	93.7	2.5	0.6
1305	12/28/2016 1:21	8.66	42.70	27.25	9.03	7.79	9.8	3.216	92.4	2.4	0.6
1306	12/28/2016 1:36	8.68	42.75	27.28	9.06	7.79	8.1	3.158	92.8	2.2	0.5
1307	12/28/2016 1:51	8.62	42.58	27.16	9.04	7.78	7.2	3.090	92.4	2.4	0.6
1308	12/28/2016 2:06	8.56	42.34	26.98	8.99	7.78	7.6	3.013	91.6	2.1	0.5
1309	12/28/2016 2:21	8.52	42.21	26.89	9.00	7.77	7.3	2.977	91.6	2.7	0.6
1310	12/28/2016 2:36	8.52	42.25	26.92	9.02	7.77	6.8	2.896	91.8	2.8	0.7
1311	12/28/2016 2:51	8.50	42.26	26.92	9.03	7.77	6.4	2.825	91.9	2.7	0.6
1312	12/28/2016 3:06	8.45	42.02	26.75	9.03	7.77	6.3	2.792	91.6	2.8	0.7
1313	12/28/2016 3:21	8.35	41.60	26.45	9.08	7.76	6.2	2.710	91.8	2.2	0.5
1314	12/28/2016 3:36	8.32	41.58	26.44	9.09	7.76	5.7	2.682	91.9	2.8	0.7
1315	12/28/2016 3:51	8.28	41.45	26.34	9.08	7.76	5.8	2.645	91.6	2.9	0.7
1316	12/28/2016 4:06	8.27	41.40	26.30	9.06	7.76	5.8	2.615	91.3	2.3	0.5
1317	12/28/2016 4:21	8.29	41.51	26.39	8.97	7.76	5.3	2.579	90.5	2.7	0.6
1318	12/28/2016 4:36	8.38	41.75	26.55	8.96	7.76	5.3	2.592	90.7	3.0	0.7
1319	12/28/2016 4:51	8.31	41.50	26.38	9.02	7.76	5.7	2.568	91.1	2.1	0.5
1320	12/28/2016 5:06	8.38	41.70	26.53	9.03	7.76	5.4	2.589	91.4	2.9	0.7
1321	12/28/2016 5:21	8.34	41.59	26.44	9.01	7.76	5.7	2.592	91.0	2.4	0.6
1322	12/28/2016 5:36	8.36	41.68	26.50	9.03	7.76	6.2	2.644	91.3	2.6	0.6
1323	12/28/2016 5:51	8.42	41.84	26.62	9.03	7.76	7.2	2.712	91.5	2.3	0.5
1324	12/28/2016 6:06	8.37	41.69	26.52	9.04	7.76	6.7	2.743	91.4	2.3	0.5
1325	12/28/2016 6:21	8.46	41.97	26.72	9.05	7.77	7.5	2.819	91.8	2.7	0.6
1326	12/28/2016 6:36	8.60	42.39	27.02	9.05	7.78	7.3	2.923	92.3	2.8	0.7
1327	12/28/2016 6:51	8.59	42.34	26.98	9.07	7.78	7.3	2.958	92.5	2.4	0.6
1328	12/28/2016 7:06	8.55	42.25	26.92	9.09	7.78	7.0	3.062	92.6	2.6	0.6
1329	12/28/2016 7:21	8.73	42.95	27.43	9.09	7.80	7.5	3.128	93.3	2.6	0.6
1330	12/28/2016 7:36	8.86	43.41	27.75	9.10	7.81	6.7	3.226	93.8	2.6	0.6
1331	12/28/2016 7:51	9.01	43.86	28.09	9.06	7.82	7.9	3.280	93.9	2.4	0.6

sonde #1

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	12/28/2016 8:06	9.23	44.44	28.51	9.05	7.83	11.7	3.338	94.5	2.5	0.6
1333	12/28/2016 8:21	9.24	44.46	28.52	9.08	7.83	10.6	3.418	94.9	2.2	0.5
1334	12/28/2016 8:36	9.31	44.69	28.69	9.08	7.84	10.4	3.518	95.1	2.3	0.5
1335	12/28/2016 8:51	9.37	44.86	28.82	9.05	7.84	10.2	3.618	95.1	2.3	0.5
1336	12/28/2016 9:06	9.45	45.06	28.96	9.05	7.84	10.6	3.688	95.3	1.9	0.5
1337	12/28/2016 9:21	9.53	45.29	29.13	9.01	7.85	10.8	3.770	95.2	2.1	0.5
1338	12/28/2016 9:36	9.65	45.63	29.38	8.98	7.85	10.8	3.829	95.3	2.2	0.5
1339	12/28/2016 9:51	9.75	45.88	29.57	8.92	7.85	10.8	3.880	94.9	2.4	0.6
1340	12/28/2016 10:06	9.83	46.16	29.77	8.91	7.86	9.9	3.929	95.1	2.4	0.6
1341	12/28/2016 10:21	9.88	46.30	29.88	8.93	7.86	8.6	4.015	95.5	2.0	0.5
1342	12/28/2016 10:36	9.92	46.41	29.95	8.98	7.86	8.0	4.008	96.1	2.3	0.6
1343	12/28/2016 10:51	9.94	46.42	29.96	8.92	7.86	6.5	4.028	95.6	2.4	0.6
1344	12/28/2016 11:06	9.96	46.50	30.02	8.99	7.86	9.0	4.031	96.4	2.1	0.5
1345	12/28/2016 11:21	9.92	46.37	29.93	8.98	7.86	9.0	3.991	96.2	1.9	0.4
1346	12/28/2016 11:36	9.75	45.78	29.50	8.99	7.85	9.2	3.931	95.6	2.2	0.5
1347	12/28/2016 11:51	9.48	44.72	28.72	9.07	7.84	8.4	3.867	95.4	2.4	0.6
1348	12/28/2016 12:06	9.36	44.21	28.35	9.07	7.83	6.6	3.783	94.9	2.2	0.5
1349	12/28/2016 12:21	9.45	44.59	28.63	8.99	7.83	9.2	3.698	94.5	2.9	0.7
1350	12/28/2016 12:36	9.37	44.31	28.43	9.04	7.83	11.0	3.615	94.7	2.5	0.6
1351	12/28/2016 12:51	9.31	44.04	28.23	9.06	7.83	9.5	3.490	94.7	2.3	0.6
1352	12/28/2016 13:06	9.14	43.39	27.76	9.11	7.81	10.7	3.377	94.6	2.0	0.5
1353	12/28/2016 13:21	9.14	43.14	27.58	9.14	7.81	9.0	3.255	94.8	2.3	0.5
1354	12/28/2016 13:36	9.32	43.40	27.78	9.19	7.82	6.5	3.149	95.7	2.3	0.5
1355	12/28/2016 13:51	9.28	43.25	27.67	9.24	7.82	6.5	3.020	96.1	2.3	0.5
1356	12/28/2016 14:06	9.25	43.06	27.53	9.26	7.82	6.4	2.888	96.2	2.9	0.7
1357	12/28/2016 14:21	9.25	42.96	27.46	9.28	7.81	7.2	2.776	96.3	2.4	0.6
1358	12/28/2016 14:36	9.12	42.52	27.15	9.33	7.81	7.6	2.668	96.4	1.9	0.5
1359	12/28/2016 14:51	9.00	42.24	26.94	9.37	7.80	7.3	2.544	96.5	2.4	0.6
1360	12/28/2016 15:06	8.92	42.04	26.79	9.33	7.80	7.8	2.391	95.7	2.8	0.6
1361	12/28/2016 15:21	9.10	42.15	26.89	9.34	7.81	7.8	2.289	96.3	1.9	0.5
1362	12/28/2016 15:36	9.01	41.95	26.74	9.35	7.80	9.3	2.134	96.1	2.6	0.6
1363	12/28/2016 15:51	8.95	41.73	26.58	9.42	7.80	9.7	1.997	96.6	2.9	0.7
1364	12/28/2016 16:06	8.90	41.58	26.47	9.39	7.80	9.9	1.862	96.2	2.8	0.7
1365	12/28/2016 16:21	8.73	41.30	26.26	9.38	7.79	9.3	1.775	95.6	2.6	0.6
1366	12/28/2016 16:36	8.72	41.19	26.18	9.40	7.79	9.4	1.646	95.6	2.5	0.6
1367	12/28/2016 16:51	8.66	40.95	26.02	9.38	7.78	9.0	1.539	95.2	3.2	0.8
1368	12/28/2016 17:06	8.65	40.95	26.01	9.37	7.78	7.9	1.498	95.1	2.6	0.6

sonde #1

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	12/28/2016 17:21	8.64	40.87	25.95	9.36	7.78	8.6	1.439	94.9	3.4	0.8
1370	12/28/2016 17:36	8.63	40.87	25.96	9.33	7.78	7.2	1.391	94.6	2.9	0.7
1371	12/28/2016 17:51	8.62	40.90	25.98	9.34	7.77	7.2	1.428	94.7	3.0	0.7
1372	12/28/2016 18:06	8.63	40.99	26.04	9.38	7.78	7.3	1.483	95.2	3.4	0.8
1373	12/28/2016 18:21	8.63	41.02	26.06	9.38	7.78	7.4	1.547	95.2	2.6	0.6
1374	12/28/2016 18:36	8.60	40.93	26.00	9.37	7.78	7.0	1.579	95.0	2.9	0.7
1375	12/28/2016 18:51	8.59	40.74	25.86	9.33	7.77	7.3	1.669	94.5	2.4	0.6
1376	12/28/2016 19:06	8.61	40.22	25.50	9.36	7.76	7.3	1.766	94.6	2.8	0.7
1377	12/28/2016 19:21	8.64	40.47	25.68	9.34	7.76	7.5	1.861	94.5	3.3	0.8
1378	12/28/2016 19:36	8.64	40.31	25.57	9.33	7.76	7.3	1.931	94.4	2.7	0.6
1379	12/28/2016 19:51	8.68	40.60	25.77	9.30	7.76	7.5	2.021	94.3	2.8	0.7
1380	12/28/2016 20:06	8.75	41.01	26.06	9.27	7.77	8.7	2.113	94.4	3.0	0.7
1381	12/28/2016 20:21	8.82	41.49	26.40	9.23	7.78	8.4	2.218	94.3	2.6	0.6
1382	12/28/2016 20:36	8.88	41.92	26.71	9.20	7.78	8.1	2.287	94.3	2.6	0.6
1383	12/28/2016 20:51	8.88	42.02	26.78	9.16	7.79	8.7	2.410	93.9	2.1	0.5
1384	12/28/2016 21:06	8.90	42.16	26.88	9.18	7.79	7.9	2.498	94.2	3.2	0.7
1385	12/28/2016 21:21	8.89	42.15	26.87	9.18	7.79	8.4	2.588	94.2	2.6	0.6
1386	12/28/2016 21:36	8.91	42.31	26.99	9.17	7.79	9.1	2.675	94.2	3.1	0.7
1387	12/28/2016 21:51	8.94	42.42	27.06	9.15	7.79	9.0	2.785	94.1	2.8	0.7
1388	12/28/2016 22:06	8.99	42.62	27.21	9.13	7.80	10.6	2.848	94.1	2.6	0.6
1389	12/28/2016 22:21	9.01	42.77	27.31	9.12	7.80	11.8	2.945	94.1	3.1	0.7
1390	12/28/2016 22:36	9.08	43.01	27.49	9.13	7.80	13.7	3.007	94.5	2.8	0.7
1391	12/28/2016 22:51	9.14	43.28	27.69	9.12	7.81	11.9	3.089	94.6	2.8	0.7
1392	12/28/2016 23:06	9.28	43.77	28.04	9.15	7.82	12.3	3.173	95.4	2.2	0.5
1393	12/28/2016 23:21	9.39	44.26	28.39	9.24	7.83	13.9	3.242	96.8	2.2	0.5
1394	12/28/2016 23:36	9.52	44.72	28.73	9.34	7.84	12.8	3.303	98.4	2.6	0.6
1395	12/28/2016 23:51	9.64	45.19	29.07	9.34	7.84	13.0	3.355	98.8	2.4	0.6
1396	12/29/2016 0:06	9.71	45.43	29.24	9.33	7.85	11.0	3.388	99.0	2.6	0.6
1397	12/29/2016 0:21	9.77	45.61	29.37	9.35	7.85	9.7	3.422	99.4	2.6	0.6
1398	12/29/2016 0:36	9.79	45.68	29.43	9.32	7.85	8.7	3.429	99.2	2.2	0.5
1399	12/29/2016 0:51	9.75	45.58	29.35	9.27	7.85	8.4	3.446	98.5	2.4	0.6
1400	12/29/2016 1:06	9.77	45.65	29.41	9.31	7.85	9.7	3.427	99.0	2.3	0.5
1401	12/29/2016 1:21	9.45	44.88	28.83	9.32	7.83	9.2	3.413	98.0	2.1	0.5
1402	12/29/2016 1:36	9.19	44.31	28.42	9.33	7.82	8.9	3.355	97.3	2.2	0.5
1403	12/29/2016 1:51	9.37	44.57	28.61	9.28	7.83	9.4	3.293	97.3	2.3	0.5
1404	12/29/2016 2:06	9.31	44.30	28.42	9.20	7.82	9.7	3.207	96.3	2.0	0.5
1405	12/29/2016 2:21	9.20	43.89	28.12	9.19	7.82	11.2	3.132	95.7	2.6	0.6

sonde #1

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	12/29/2016 2:36	9.06	43.59	27.90	9.17	7.81	9.0	3.093	95.0	2.8	0.7
1407	12/29/2016 2:51	8.82	42.89	27.39	9.04	7.79	7.6	2.999	93.0	2.4	0.6
1408	12/29/2016 3:06	8.77	42.72	27.26	9.03	7.79	6.9	2.932	92.7	2.4	0.6
1409	12/29/2016 3:21	8.77	42.76	27.29	9.01	7.79	6.7	2.882	92.5	2.8	0.7
1410	12/29/2016 3:36	8.69	42.58	27.16	9.03	7.78	6.5	2.843	92.4	2.3	0.5
1411	12/29/2016 3:51	8.64	42.52	27.11	9.04	7.78	8.4	2.776	92.4	2.2	0.5
1412	12/29/2016 4:06	8.55	42.04	26.77	9.08	7.77	6.7	2.726	92.4	3.0	0.7
1413	12/29/2016 4:21	8.51	42.12	26.83	9.07	7.77	6.4	2.690	92.3	2.6	0.6
1414	12/29/2016 4:36	8.48	42.20	26.88	9.06	7.78	6.8	2.656	92.1	2.3	0.5
1415	12/29/2016 4:51	8.48	42.19	26.87	8.99	7.77	6.4	2.620	91.4	2.6	0.6
1416	12/29/2016 5:06	8.45	42.06	26.78	8.99	7.77	6.0	2.606	91.3	2.6	0.6
1417	12/29/2016 5:21	8.52	42.26	26.92	8.95	7.78	5.3	2.566	91.2	2.7	0.6
1418	12/29/2016 5:36	8.42	41.80	26.60	9.01	7.77	6.2	2.572	91.3	2.2	0.5
1419	12/29/2016 5:51	8.42	41.93	26.69	9.05	7.77	6.2	2.605	91.7	2.3	0.5
1420	12/29/2016 6:06	8.64	42.29	26.95	9.05	7.78	6.5	2.626	92.4	2.8	0.7
1421	12/29/2016 6:21	8.64	42.38	27.01	9.03	7.78	7.6	2.677	92.2	2.8	0.7
1422	12/29/2016 6:36	8.49	42.17	26.86	9.08	7.77	6.8	2.730	92.4	1.8	0.4
1423	12/29/2016 6:51	8.66	42.54	27.13	9.07	7.78	7.5	2.790	92.7	2.2	0.5
1424	12/29/2016 7:06	8.86	42.96	27.44	9.10	7.79	8.6	2.850	93.6	2.3	0.5
1425	12/29/2016 7:21	8.89	43.13	27.56	9.12	7.80	7.9	2.924	94.0	2.4	0.6
1426	12/29/2016 7:36	8.80	43.04	27.49	9.14	7.80	7.0	3.015	94.0	2.7	0.6
1427	12/29/2016 7:51	8.96	43.61	27.91	9.15	7.81	7.5	3.085	94.7	2.5	0.6
1428	12/29/2016 8:06	9.00	43.86	28.08	9.19	7.81	7.0	3.180	95.3	1.8	0.4
1429	12/29/2016 8:21	9.15	44.28	28.39	9.21	7.82	7.5	3.236	96.1	2.4	0.6
1430	12/29/2016 8:36	9.26	44.59	28.62	9.22	7.83	7.7	3.328	96.5	2.0	0.5
1431	12/29/2016 8:51	9.59	45.38	29.20	9.25	7.84	11.0	3.404	97.8	2.2	0.5
1432	12/29/2016 9:06	9.58	45.34	29.17	9.23	7.84	11.8	3.497	97.6	2.4	0.6
1433	12/29/2016 9:21	9.62	45.54	29.32	9.25	7.85	10.6	3.587	98.0	2.4	0.6
1434	12/29/2016 9:36	9.66	45.65	29.40	9.25	7.85	10.7	3.647	98.2	1.5	0.4
1435	12/29/2016 9:51	9.68	45.80	29.50	9.26	7.85	10.4	3.737	98.3	2.3	0.5
1436	12/29/2016 10:06	9.74	46.10	29.72	9.24	7.85	10.2	3.815	98.4	1.9	0.5
1437	12/29/2016 10:21	9.81	46.40	29.94	9.23	7.86	10.3	3.877	98.6	2.3	0.5
1438	12/29/2016 10:36	9.87	46.60	30.09	9.21	7.86	9.8	3.918	98.6	2.2	0.5
1439	12/29/2016 10:51	9.93	46.78	30.22	9.20	7.86	9.2	3.957	98.7	2.0	0.5
1440	12/29/2016 11:06	9.95	46.87	30.28	9.20	7.87	8.1	3.981	98.8	1.9	0.4
1441	12/29/2016 11:21	9.98	46.95	30.35	9.19	7.87	7.3	4.020	98.8	2.0	0.5
1442	12/29/2016 11:36	9.97	46.91	30.32	9.08	7.86	6.3	4.006	97.6	2.1	0.5

sonde #1

Indian Island Long-Term Deployment Water Quality Data

Sample #	Date & Time	Temp C	SpCond mS/cm	Salinity ppt	DO Conc mg/L	pH	Turbidity+ NTU	Depth meters	DO%	Chlorophyll ug/L	Fluorescence %FS
1443	12/29/2016 11:51	9.97	46.91	30.31	9.18	7.87	9.0	3.982	98.6	2.1	0.5
1444	12/29/2016 12:06	9.94	46.79	30.23	9.17	7.86	8.1	3.950	98.4	2.5	0.6
1445	12/29/2016 12:21	9.83	45.82	29.52	9.18	7.85	9.3	3.906	97.9	2.1	0.5
1446	12/29/2016 12:36	9.62	44.42	28.52	9.23	7.83	6.4	3.805	97.3	2.2	0.5
1447	12/29/2016 12:51	9.63	44.75	28.75	9.24	7.84	7.9	3.719	97.6	2.5	0.6
1448	12/29/2016 13:06	9.57	44.36	28.47	9.24	7.83	6.9	3.606	97.2	2.3	0.5
	Mean	9.41	41.73	26.62	8.90	7.80	13.27	2.84	92.18	2.89	0.68
	Minimum	7.63	34.47	21.62	7.59	7.74	4.70	0.94	84.10	1.10	0.30
	Maximum	11.56	47.61	30.89	9.52	7.95	86.10	4.43	99.40	5.90	1.40

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

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.)