

Outer Island Water Quality Summer 2018

Date	Time	Weather	Wind speed		Rel. Humidity	Air Temperature	Solar Radiation	Salinity	Conductivity	Specific Conductance	Water temp	Oxygen	Secchi Disk	pH
			Max (mph)	Min	%	C	lux x 100	ppt	m/s	m/s	C	mg/L	m	
5/31/2018	1:47	overcast	13.4	0.0	75.0	16.8	464	27.2	27472	34.22	15.0	9.05	1.0	8.24
6/1/2018	1:39	overcast	8.5	7.5	86.3	16.7	624	27.1	27419	34.61	15.6	9.04	1.2	8.26
6/2/2018	1:46	partly cloudy	0.3	0.0	81.8	21.3	963	27.1	27351	35.42	16.7	8.74	1.3	8.20
6/3/2018	2:00	partly cloudy	13.6	11.0	71.4	15.4	900	27.2	27510	34.89	15.7	9.23	0.6	8.29
6/4/2018	1:50	overcast	9.9	4.5	70.0	18.6	391	27.2	27408	34.69	15.7	9.07	0.8	8.29
6/5/2018	1:47	overcast, drizzle	7.5	6.5	79.6	16.4	40	27.1	27425	34.66	15.6	8.54	1.0	8.24
6/6/2018	1:46	partly cloudy	7.0	3.6	71.0	16.5	330	27.1	27362	35.17	16.4	8.75	1.0	8.32
6/7/2018	2:30	partly cloudy	6.9	4.7	76.2	17.4	550	27.1	27372	34.90	16.0	8.94	1.1	8.27
6/8/2018	2:30	partly cloudy	0.3	0.0	37.7	779	27.1	27408	35.41	16.6	9.63	1.1	8.24	
6/9/2018	2:08	partly cloudy	3.5	1.5	70.1	20.1	678	27.1	27454	35.14	15.1	8.19	0.9	8.24
6/10/2018	2:12	overcast	1.1	0.0	53.9	23.1	415	27.2	27542	33.86	14.5	7.72	1.0	8.23
6/11/2018	2:11	clear sun	10.0	1.2	60.0	16.2	1026	27.3	27622	34.35	15.3	8.20	0.7	8.18
6/12/2018	2:19	clear sun	4.1	0.0	59.1	21.8	921	27.3	27544	35.07	15.9	8.28	1.1	8.16
6/13/2018	4:30	overcast, fog	1.8	0.0	75.4	18.4	405	27.5	27680	35.28	16.2	7.81	0.8	8.10
6/14/2018	2:14	clear sun	8.0	0.0	41.2	26.3	1041	27.6	27820	35.46	16.0	8.10	0.8	8.07
6/15/2018	1:30	partly cloudy	1.0	0.0	72.8	19.6	523	27.7	27922	35.60	16.0	7.78	0.8	8.08
6/16/2018	1:57	clear sun	0.9	0.0	70.8	22.9	882	27.9	28006	36.59	17.0	8.12	0.7	8.12
6/17/2018	2:00	clear sun	0.7	0.0	36.5	34.1	1040	27.9	28051	37.78	18.5	7.89	0.9	8.04
6/18/2018	2:30	clear sun	3.7	0.0	76.2	24.6	845	28.2	28251	38.60	19.1	8.74	0.9	8.11
6/19/2018	2:00	clear sun	10.2	2.2	52.3	28.1	1044	27.9	28113	38.28	19.0	8.05	0.7	8.13
6/20/2018	2:10	partly cloudy	2.2	0.9	63.0	23.8	810	27.8	28017	37.98	18.8	7.90	0.7	8.13
6/21/2018	2:00	clear sun	5.1	0.0	61.4	23.7	965	27.9	28142	38.93	19.7	8.13	0.9	8.17
6/22/2018	2:00	partly cloudy	7.3	2.0	78.1	20.5	1432	28.0	28177	38.77	19.5	7.87	0.4	8.20
6/23/2018	2:05	overcast	3.7	0.0	86.5	17.3	208	27.7	27926	37.97	18.9	7.49	0.9	8.22
6/24/2018	2:00	partly cloudy	7.1	1.6	75.6	22.5	700	27.6	27920	38.45	19.5	7.53	0.9	8.24
6/25/2018	2:14	clear sun	14.5	8.3	56.9	21.6	1052	27.7	27899	38.40	19.4	7.50	1.0	8.23
6/26/2018	1:55	clear sun	1.8	0.0	68.5	21.7	1049	27.8	28020	38.01	18.7	7.11	1.0	8.19
6/27/2018	2:03	overcast	2.2	0.0	81.5	20.0	407	27.8	28011	38.22	19.1	7.68	0.8	8.25
6/28/2018	2:08	partly cloudy	2.1	0.0	88.3	20.7	1017	27.8	28015	38.36	19.2	7.39	0.7	8.30
6/29/2018	2:12	partly cloudy	0.6	0.0	46.6	34.1	1085	27.8	28070	38.71	19.5	7.27	0.9	8.19
6/30/2018	1:38	clear sun	0.6	0.0	41.0	35.0	1018	28.0	28150	39.12	20.1	7.87	0.7	8.20
7/1/2018	2:10	partly cloudy	11.7	1.0	73.1	24.6	956	28.1	28295	39.07	19.6	7.38	0.9	8.17
7/2/2018	2:11		8.4	0.1	82.1	22.0	1008	28.2	28413	40.13	20.7	7.44	0.7	8.22
7/3/2018	2:00	partly cloudy	2.6	0.0		29.6	1012	28.3	28441	41.83	22.8	7.81	1.2	
7/4/2018	2:00	partly cloudy	6.8	0.0	76.6	25.9	1010	28.3	28460	42.63	23.6	8.12	1.0	7.55
7/5/2018	2:00	clear sun	4.9	0.0	77.5	26.2	1030	28.4	28582	43.09	23.9	8.18	1.2	8.31
7/6/2018	2:30	partly cloudy	1.2	0.0	85.6	25.4	453	28.2	28381	41.86	22.9	6.97	0.7	8.17
7/7/2018	1:55	clear sun	5.2	0.5	65.2	20.6	1052	28.6	28763	41.29	21.4	7.76	0.7	8.24
7/8/2018	2:00	clear sun	7.0	0.1	69.1	26.0	1042	28.7	28825	41.65	21.9	7.50	0.7	8.31
7/9/2018	2:10	clear sun	3.7	0.0	79.4	25.0	1016	28.6	28691	41.57	22.0	7.41	1.0	8.33
7/10/2018	2:00	clear sun	0.9	0.0	60.5	30.9	1028	28.5	28692	41.88	22.4	7.51	1.1	
7/11/2018	2:00	overcast	7.6	2.1	69.5	24.6	375	28.5	28681	41.46	21.8	7.35	1.1	8.28
7/12/2018	2:00		6.0	0.0	63.1	24.8	1040	28.5	28710	41.61	21.9	7.36	1.0	8.28
7/13/2018	2:20	partly cloudy	7.2	4.4	73.5	24.9	1020	28.5	28644	41.86	22.4	7.43	1.1	8.33
7/14/2018	2:00	partly cloudy	12.2	3.4	74.9	22.6	725	28.4	28583	41.76	22.6	7.27	1.0	8.26
7/15/2018	2:25	partly cloudy	2.0	0.0	71.4	26.7	646	28.3	28518	42.03	22.6	6.90	0.9	8.25
7/16/2018	2:39	clear sun	9.9	0.0	81.6	24.2	930	28.4	28618	42.06	23.4	7.38	0.7	8.28
7/17/2018	2:01	clear sun	10.6	1.4	82.4	26.3	608	28.5	28644	43.08	23.3	7.08	1.0	8.23
7/18/2018	1:54	clear sun	7.8	0.0	54.6	26.1	1025	28.5	28554	42.54	23.4	7.08	1.0	8.27
7/19/2018	2:05	clear sun	9.0	0.0	70.6	22.2	1022	28.5	28685	42.55	23.2	7.15	1.0	8.31
7/20/2018	1:46	clear sun	10.7	0.0	66.4	26.1	893	28.6	28742	43.15	23.0	7.33	1.0	
7/21/2018	1:45	partly cloudy								42.78	23.2	6.66		
7/22/2018	2:37	overcast, fog	13.7	1.3	80.0	23.1	1160	28.5	28726	42.91	23.5	6.93	0.6	8.34
7/24/2018	2:04	cloudy	14.1	7.2	80.5	24.5	348	28.3	28535	43.33	24.3	7.47	1.1	8.34
7/25/2018	2:10	fog, drizzle	14.3	9.0	87.4	23.4	168	28.3	28530	43.10	24.0	7.11	1.1	8.30
7/26/2018	2:30	partly cloudy	0.0	0.0	90.2	24.6	322	28.2	28462	43.33	24.5	7.41	1.2	8.42
7/27/2018	1:50	partly cloudy	2.8	0.0	87.6	27.7	1143	28.4	28585	43.35	24.3	7.52	1.3	8.35
7/28/2018	2:30	partly cloudy	1.5	0.3	79.9	27.5	561	28.4	28667	43.81	24.7	7.71	1.4	8.30
7/29/2018	2:24	partly cloudy	1.8	0.0	61.1	27.8	369	28.5	28699	43.35	24.3	7.30	1.3	8.35
7/30/2018	2:30	overcast	4.0	0.7	78.5	23.3	243	28.6	28805	43.26	23.7	6.65	1.2	8.34
7/31/2018	2:39	clear sun	2.6	0.0	67.3	24.1	873	28.7	28848	43.50	23.9	6.85	1.0	8.28
8/1/2018	2:00	partly cloudy	12.4	4.9	83.3	25.4	1031	28.7	28860	43.89	24.4	6.85	1.2	7.46
8/2/2018	2:09	clear sun	5.7	0.0	80.1	26.4	915	28.7	28887	45.17	25.9	6.90		8.32
8/3/2018	2:24	partly cloudy	0.1	0.0	82.7	29.3	943	28.7	28893	45.70	26.5	7.36	1.2	8.33
8/4/2018	2:00	rain	6.1	3.7	80.9	24.6	215	28.3	28560	44.04	25.2	6.38	1.0	8.70
8/5/2018	2:00	clear sun	1.2	0.0	86.6	29.7	894	28.6	28848	44.95	25.3	7.29	1.0	7.47
8/6/2018	2:00	clear sun	1.1	0.0	85.9	27.5	875	28.7	28864	44.78	25.5	7.51	1.3	8.33
8/7/2018	1:55	partly cloudy	3.1	0.1	80.3	27.8	850	28.7	28963	45.20	24.6	6.72	1.2	8.35
8/8/2018	2:05	partly cloudy	2.9	0.0	69.1	29.7	840	28.2	28912	45.10	25.6	7.18	1.2	8.34
8/9/2018	2:10	partly cloudy	13.6	0.0	61.0	28.8	965	28.7	28945	45.11	25.7	6.66	1.3	8.33
8/10/2018	4:20	clear sun	1.9	0.0	75.8	27.3	582	28.8	28906	45.50	25.5	7.00	1.0	8.34
8/11/2018	3:02	overcast, drizzle	10.9	4.7	84.0	22.8	170	20.7	23608	32.49	25.0	6.74	1.3	8.35
8/12/2018	2:45	partly cloudy	5.9	0.3	86.7	24.4	842	28.1	28318	43.17	25.2	6.86	1.1	8.33
8/14/2018	2:40	clear sun	7.8	0.1	78.1	25.0	882	28.0	28265	43.43	25.0	6.08	1.2	8.24
8/15/2018	2:27	partly cloudy	8.6	2.6	52.5	33.5	922	28.0	28245	43.29	25.4	6.35	1.2	8.28
8/18/2018	2:00	partly cloudy	2.7	0.0	61.8	33.1	1028	28.4	28633	44.60	25.7	7.26	1.2	8.34
8/20/2018	2:00	overcast	6.2	2.6	75.0	22.1	1140	28.4	28655	43.76	24.0	7.14	1.1	8.37
8/21/2018	2:05	clear sun	10.5	5.0	75.5	21.5	905	28.5	28700	43.72	24.5	7.40	1.0	8.40
8/22/2018	2:30	partly cloudy	4.3	0.0	75.5	27.0	834	28.4	28646	43.80	24.7	6.85	1.1	8.39
8/23/2018	3:00	clear sun	17.4	0.0	45.8	22.9	690	28.4	28565	43.74	24.6	7.43		8.46
8/25/2018	2:00	partly cloudy	2.0	0.9	67.9	23.1	380	28.4	28622	43.61	24.5	7.33	1.2	8.46
8/26/2018	3:50	clear sun	0.0	0.0	70.8	27.7	598	28.4	28628	43.90	24.8	7.41	1.2	8.46