

Outer Island Water Quality 2023															
Date	Sample Time	High Tide Time	Salinity (ppt)	Conductivity	Spec Conductivity	Temperature (Celsius)	Oxygen (mg/L)	Secchi Disk (meter)	pH	Weather	Wind Speed (mph)		Relative Humidity (%)	Air Temperature (Celsius)	Solar Radiation (Lux x 100)
2023															
25-May	1:13pm	4:25pm	27	33.9	41.99	15.1	9.85	1.2	8.08	clear sun	6.9	3.2	37.5	16.9	970
28-May	3:10pm	6:54pm	26.6	34.58	41.37	16.4	9.52	1.4	8.14	clear sun	2.4	1	59.7	22.9	755
30-May	2:30pm	8:18pm	26.6	34.3	41.49	16.1	9.12	0.9	8.21	clear sun	9.2	5	50.5	15.4	770
31-May	2:27pm	9:00am	26.7	35.3	41.6	17	9.35	1.4		clear sun	3.7	1.5	75.7	16.1	832
1-Jun	2:30pm	9:49am	26.8	35.48	41.66	17.2	8.99	1.8	8.08	clear sun	0.8	0	47	26.6	922
2-Jun	2:35pm	10:35pm	26.4	35.46	41.1	17.9	8.8	1.6	8.11	clear sun	4.4	2.8	107.5	22.2	798
3-Jun	2:13pm	11:20pm	26.4	34.55	41.19	16.7	8.68	1	8.2	overcast	12.9	9.8	64	18.4	257
4-Jun	2:34pm	12:06pm	27	34.65	42.07	15.9		1.2	8.2	partly cloudy	6.9	2.2	56	15.1	143
5-Jun	2:13pm	12:55pm	27.2	34.71	42.22	15.8	8.5	1.3	8.15	overcast	10	5.5	63	18	702
6-Jun	2:30pm	1:46pm	27.1	34.76	42.09	16	8.53	1	8.06	overcast	0.9	0.5	65	19.1	490
7-Jun	2:35pm	2:40pm	27	34.47	41.95	15.7	8.39	1	8.12	cloudy	12	9.1	52	18.6	180
8-Jun	2:02pm	3:53pm	27.2	34.73	42.24	15.8	8.45	1.3	8.07	overcast/fog	6.7	0.8	65.5	19.9	390
9-Jun	2:02pm	10:07pm	27	34.71	42.11	15.8	8.61	1	8.14	partly cloudy	2.7	1.1	58.9	23.6	866
10-Jun	2:30pm	5:34pm	27	34.84	42.02	16.1	8.72	0.9	8.22	partly cloudy	2.1	2	62	22.1	700
11-Jun	2:39pm	6:35pm	26.9	35.2	41.83	16.7	8.91	1	8.2	partly cloudy	7.4	6.3	48.4	20	493
12-Jun	1:03pm	7:02am	27.2	35.12	42.22	16.1	8.76	0.5	8.17	partly cloudy	9.5	8.4	89	19.4	870
13-Jun	4:25pm	8:29pm	27.5	36.4	42.6	17.8	8.95	1.3	8.2	partly cloudy	3.4	0.8	65.6	22.4	583
14-Jun	1:35pm	9:21pm	27.6	36.78	42.88	17.7	8.94	1.1	8.18	partly cloudy	6.5	3.4	80	20.7	783
15-Jun	2:30pm	9:54am	27.4	36.48	42.62	17.5	8.63	1	8.07	partly cloudy	4	1.4	77.2	21.7	744
16-Jun	2:02pm	10:44am	27.5	36.97	42.58	18.1	8.31	1	8.14	overcast	2.3	1.5	66.4	21.4	410
17-Jun	2:00pm	11:30am	27.6		42.84	17.1	8.31	1	8.28	overcast	13	9.9	69	20.3	203
18-Jun	2:03pm	12:13pm	27.7	36.83	42.9	17.6	8.53	1	8.16	partly cloudy	5.7	3.5	59.9	23.2	897
19-Jun	2:07pm	12:56 PM	27.8	36.96	43.02	17.7	8.39	0.9	8.24	clear sun	5.6	4.5	64.2	21.8	844
20-Jun	2:36pm	1:38pm	27.8	37.51	43.02	18.4	8.65	0.8	8.13	clear sun	8.6	6.2	77	18.9	659
21-Jun	3:45pm	2:20pm	27.6	37.6	42.8	18.8	8.73	0.8		partly cloudy	16	10.5	79.2	18.5	706
22-Jun	2:00pm	3:03pm	27.2	37.4	42.22	18	8.9	1	8.3	partly cloudy	12.5	10.9	77.7	9.4	1106
23-Jun	2:00pm	3:45pm	27	37.6	42.03	19.5	8.74	0.8	8.25	overcast	9.5	2.3	82.1	19.9	335
25-Jun	2:00pm	5:16pm	26.7	38	41.84	20.2	8.49	1.5	8.33	clear sun	5.4	4	82.4	22.5	894
26-Jun	2:00pm	6:03pm	27	38.32	41.98	20.4	8.21	1.1	8.28	partly cloudy	8.2	5.9	88.5	24.7	775
27-Jun	2:34pm	6:52pm	26.9	38.69	41.91	21.1	8.51	1.5	8.28	partly cloudy	6.6	1.3	80.6	23.9	914
28-Jun	2:25pm	7:43pm	26.8	38.29	41.69	20.9	8.14	1.4	8.24	partly cloudy	6.1	0.9	84	23.4	208
29-Jun	2:35pm	8:37pm	27.2	37.98	42.2	20.6	8.02	1.5	8.19	overcast/fog	1.9	1.5	69.3	26	488
30-Jun	2:03pm	9:12am	27.2		42.29	20.4	7.96	1.1	8.24	overcast/fog	4.4	4.3	77.6	24.8	796
1-Jul	2:04pm	9:54am	27.3	38.71	42.34	20.5	7.81	1.2	8.28	partly cloudy	3.8	2	75.1	28.8	776
2-Jul	2:00pm	10:54am	27.2	38.57	42.28	20.4	7.73	0.9	8.29	overcast/fog	2.8	1.2	84.7	24.5	993
3-Jul	2:00pm		27.2	39.08	42.34		8.1	0.9	8.32	partly cloudy	1.6	1.1	74.2	26.1	551
4-Jul	2:38pm	12:37pm	27.1	39.1	42.2	21.3	8.22	1.1	8.33	partly cloudy	1.8	1.3	80.2	26.5	909
5-Jul	3:00pm	1:24pm	27	38.76	42.06	21.1	7.77	1	8.25	clear sun	2.5	1.1	80.1	26.2	780
6-Jul	2:30pm	2:25pm	27.1	40.07	42.19	22.5	8.5	1.2	8.31	clear sun	2.4	1.8	77.7	27	788
7-Jul	2:00pm	3:13pm	26.9	39.95	41.84	22.6	8.88	1.3	8.45	clear sun	10.3	8.5	88.2	23	868
8-Jul	2:00pm	4:14pm	27.2	41.03	42.32	23.6	8.31	1.4	8.42	clear sun	4.9	4.1	72	26	861
9-Jul	2:02pm	5:11pm	26.7	40.66	41.66	23.8	8.12	1	8.4	overcast	8.3	5.6	81.5	26	618
10-Jul	2:00pm	6:07pm	26.5	40.68	41.37	24.5	8.4	1.4	8.43	partly cloudy	3.4	1.4	77.9	26.7	1080
11-Jul	2:30pm	7:01pm	26.8	39.77	41.72	22.6	8	1.4	8.37	clear sun	2.2	0	70.2	26.4	809
12-Jul	2:34pm	7:59pm	26.9	39.82	49.91	22.3	7.69	1.3	8.46	clear sun	1.1	2.1	70.5	27.4	805
13-Jul	2:02pm	8:41am	26.4	39.04	41.12	22.4	7.99	0.8	8.38	partly cloudy	4.5	5.3	76.6	27.2	307
15-Jul	3:00pm	10:31am	25.1	38.02	39.39	23.3	8.58	1.6	8.55	clear sun	4.2	5.5	86	27.3	754
17-Jul	2:20pm	11:50pm	24.1	36.93	37.99		7.8	1.6	8.43	clear sun	1.2	3.5	71.7	29.9	686
19-Jul	2:20PM	1:06PM	23.1	35.08	36.6	23	7.97	1.4	8:50	overcast	0	2.8	71.1	25.5	347
20-Jul	2:04pm	1:51	24	36.07	37.78	22.6	7.86	1.6	8.5	clear sun	4.4	4.5	69.1	28.73	861
21-Jul	2:00pm	2:00pm		35.77	37.12	23.2	8.82	1.4	8.55	overcast	4.9	4.9	77.8	26.5	74
23-Jul	2:30pm	3:48pm	25.2	38.28	39.48	23.5	8.03	1.7	8.66	clear sun	1	1.5	34.6	29.9	912
24-Jul	2:00pm	4:17pm	25.7	39.23	40.17	23.6	7.4	1.5	8.59	partly cloudy	2.4	1.4	74.9	24.3	922
25-Jul	2:40pm	5:09pm	25.6	39.83	40.07	24.8	7.82	1.3	8.52	clear sun	4.8	9.2	76.5	26.6	789
26-Jul	3:15pm	5:59pm	25.7	39.6	40.23	24.3	7.47	1.3	8.6	clear sun	0.9	2.4	81.8	28.2	718
27-Jul	2:00pm	6:42am	24.3	39.64	40.36	24.3	6.52	1	8.44	partly cloudy	4.5	5.3	70.7	31.7	824
28-Jul	2:00pm	7:30am	26	41.03	40.68	25.5	8.61	1.5	8.64	clear sun	1.4	1.8	70.4	32	849
7-Aug	2:00pm		27.2	41.03	42.32	23.6	8.31	1.4	8.42		4.1	4.9	72	26	861
17-Aug	2:00pm	12:35pm	25.8	38.49	40.35	22.6	7.14	1.1	8.48	overcast	12.3	13.8	88	21.8	322
18-Aug	2:00pm	1:07pm	26.6	39.76	41.45	23	7.41	1.2	8.52	partly cloudy	2.7	6.6	80.3	26.4	899
19-Aug	2:00pm	1:41pm	26.8	39.91	41.78	22.8	7.33	1	8.57	partly cloudy	1.2	3.1	73.2	25.9	377
21-Aug	2:10pm		27	40.71	42.03	23.4	8.08	1.3	8.57	partly cloudy	0.7	5.7	78.8	27.8	655
24-Aug	2:00pm		27	39.78	42.03	22.2	7.04	1.2	8.5	overcast	9.8	13.6	71.4	22.3	173
27-Aug	2:00pm	8:33pm	27.2	40.82	42.31	23.2	7.01	1	8.61	partly cloudy	1.9	4.5	62.5	26.5	793
28-Aug	2:00pm	9:13am	27.4	40.95	42.53	23	8.45	1.1		overcast	8.5	16.1	82.3	23.3	784
31-Aug	2:00pm	11:52am	27	40.07	42.06	22.6	7.42	1.4	8.62	br sun/partly clo	8.5	18.2	46.7	23	808
1-Sep	2:00pm	12:41pm	27.4	40.2	42.41	22.2	8	1.1	8.59	clear sun	2.9	8.8	53.9	22.9	810
2-Sep	2:00pm	1:36pm	27.2	40.14	42.36	22.3	7.7	1.4	8.59		0	1.2	61.8	27	808