

Outer Island Water Quality 2020																	
Date	Time	HT Time	LT Time	Weather	Wind Speed		Relative Humidity	Air Temperature	Air Temperature	Solar Radiation	Conductivity	Specific Conductance	Salinity	Temperature	Dissolved Oxygen	Secchi Disk Depth	pH
					max (mph)	min (mph)	%	Fahrenheit	Celcius	x 100 lux	mS	mS	ppt	Celsius	mg/L	m	
6/24/2020	2:08:00 PM	2:26:00 PM		clear sun	3.1	1	48			1008	41.05	41096	29.2	20.8	10.38		
6/25/2020	1:53:00 PM	3:15:00 PM	8:59:00 AM	clear sun	1.8	0.9	63	74.3	23.5	1052	40.78	40770	29.4	20.1	8.78	1	7.98
6/26/2020	1:58:00 PM	4:06:00 PM	9:49:00 AM	clear sun	3.3	1.4	66	77.1	25.1	1065	40.87	41002	29.5	19.9	8.50	1	7.91
6/27/2020	2:01:00 PM	5:00:00 PM	10:42:00 AM	overcast	4.1	1.5	83	72.5	22.5	128	41.11	41120	29.5	20.0	8.69	1	7.93
6/28/2020	2:00:00 PM	11:38:00 AM	5:57:00 PM	clear sun	5.4	2.9	70	74.2	23.4	1044	41.67	41648	29.5	20.6	8.80	0.8	7.93
6/29/2020	1:41:00 PM	6:56:00 PM	12:35:00 PM	overcast	1	0	73	74.1	23.4	231	41.55	41551	29.6	20.4	8.51	1.1	8.04
6/30/2020	2:04:00 PM	7:27:00 AM	1:33:00 PM	rain	3.7	1.8	79	69.7	20.9	333	40.38	40407	29.3	19.5	9.24	1	7.98
7/1/2020	2:08:00 PM	8:29:00 AM	2:31:00 PM	partly cloudy	3.4	1.7	79	75.7	24.3	1150	41.82	41814	29.6	20.6	9.33	1.5	8.04
7/2/2020	2:00:00 PM	9:28:00 AM	3:37:00 PM	clear sun	2.8	0.5	74	78.2	25.7	1008	42.11	42108	29.7	20.9	8.79	1.5	8.03
7/3/2020	2:00:00 PM	10:23:00 AM	4:21:00 PM	cloudy, overcast	1.6	0	73	79.9	26.6	664	42.03	42026	29.7	20.7	8.82	1.5	7.99
7/4/2020	2:08:00 PM	11:15:00 AM	5:13:00 PM	clear sun	6.5	2.8	76	76.5	24.7	1011	42.03	42052	29.5	21.2	9.26	1.5	8.08
7/5/2020																	
7/6/2020																	
7/7/2020	2:00:00 PM	1:39:00 PM	7:26:00 AM	partly cloudy	12.7	9.8	86	69.6	20.9	238	42.57	42570	29.3	21.9	8.62	1.5	8.17
7/8/2020	2:04:00 PM	2:26:00 PM	8:10:00 AM	overcast	2.7	0	90	78.9	26.1	202	43.18	43151	29.3	22.6	8.78	1.5	8.18
7/9/2020	2:02:00 PM	3:12:00 PM	8:54:00 AM	clear sun	2.2	1.5	84	80.7	27.1	1011	43.36	43358	29.8	22.7	8.23	1.5	8.12
7/10/2020																	
7/11/2020																	
7/12/2020																	
7/13/2020																	
7/14/2020	2:00:00 PM	7:13:00 PM	12:49:00 PM	clear sun	10.1	2.7	N/A	80.9	27.2	1090	44.30	43190	29.6	23.5	9.40	1.5	8.03
7/15/2020	2:09:00 PM	8:04:00 PM	1:40:00 PM	clear sun	4.8	2.8	72	76.3	24.6	1018	43.12	43112	29.7	22.6	8.26	1.5	8.11
7/16/2020	2:05:00 PM	8:42:00 AM	2:31:00 PM	clear sun	14.2	AVG 5.9	81	73.0	22.8	1014	44.04	44095	29.6	23.4	8.35	1.0	8.22
7/17/2020	2:00:00 PM	9:31:00 AM	3:21:00 PM	drizzle	1.5	0.7	88	73.1	22.8	132	43.31	43314	29.4	22.7	7.81	1.5	8.09
7/18/2020	2:00:00 PM	N/A	N/A	clear sun	1.6	0	N/A	89.6	32.0	1010	43.95	43990	29.4	23.4	7.71	1.5	8.06
7/19/2020	2:11:00 PM	11:03:00 AM	4:55:00 PM	clear sun	2.8	AVG 1.9	61	82.0	27.8	1004	44.12	45565	29.5	23.3	7.71	1.2	7.95
7/20/2020	2:10:00 PM	11:46:00 AM	5:42:00 PM	clear sun	3.0	AVG 1.6	89	83.1	28.4	988	44.10	44102	29.6	23.2	7.57	1.0	7.99
7/21/2020	2:10:00 PM	12:31:00 PM	6:28:00 PM	clear sun	3.6	3.3	77	86.4	30.2	1005	44.20	44193	29.8	23.0	7.18	1.5	7.94
7/22/2020	2:00:00 PM	1:16:00 PM	7:17:00 PM	partly cloudy	10.2	8.1	82	74.7	23.7	1002	44.34	44417	30.0	23.0	7.45	1.5	8.00
7/23/2020	1:56:00 PM	2:04:00 PM	7:49:00 AM	partly cloudy	2.4	AVG 1.1	90	79.7	26.5	1041	45.14	46137	29.9	23.9	7.86	1.5	8.05
7/24/2020	2:05:00 PM	2:53:00 PM	8:37:00 AM	N/A	2.8	AVG 1.2	81	70.8	21.6	398	44.98	46260	30.0	23.5	7.54	1.3	8.02
7/25/2020	1:56:00 PM	3:44:00 PM	9:26:00 AM	clear sun	2.7	AVG 2.1	79	79.4	26.3	999	45.70	46349	30.1	24.0	7.75	1.5	8.01
7/26/2020																	
7/27/2020																	
7/28/2020	2:00:00 PM	6:05:00 AM	12:13:00 PM	clear sun	1.9	0	67	86.8	30.4	1010	46.20	46182	30.2	24.5	7.85	1.0	8.09
7/29/2020	2:07:00 PM	1:14:00 PM	7:10:00 AM	clear sun	5.6	1.7	53	81.5	27.5	1004	46.60	46589	30.2	25.1	7.82	1.0	8.14
7/30/2020	2:00:00 PM	N/A	N/A	partly cloudy	2.6	1.5	67	83.0	28.3	1186	46.50	46184	30.2	24.9	7.30	1.5	8.11
7/31/2020	2:00:00 PM	N/A	N/A	N/A	1.6	0.8	N/A	76.9	24.9	424	45.80	45779	30.2	24.2	7.16	1.0	8.06
8/1/2020	1:55:00 PM	N/A	N/A	clear sun	3.8	2.5	52	82.0	27.8	1013	46.20	46237	30.2	24.7	7.45	1.5	8.13
8/2/2020	2:00:00 PM	11:00:00 AM	5:00:00 PM	overcast, drizzle	20.2	1.7	88	81.1	27.3	444	46.00	46589	30.3	24.4	7.25	1.0	8.07
8/3/2020																	
8/4/2020																	
8/5/2020																	
8/6/2020	2:00:00 PM	N/A	N/A	partly cloudy	10.1	7.9	49	75.2	24.0	420	46.20	46225	30.3	24.5	6.90	1.0	8.00
8/7/2020	2:00:00 PM	2:36:00 PM	8:19:00 AM	partly cloudy	11.0	6.1	60	74.8	23.8	982	46.20	46217	30.3	24.6	7.11	1.5	8.05
8/8/2020	2:00:00 PM	N/A	N/A	clear sun	6.5	2.6	N/A	77.4	25.2	925	46.59	46664	30.3	25.2	7.67	1.5	8.08