ROUND TOP ISLAND: PERCENT COVER

Monitoring Date		Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone Events
				Mean % Cover			
2010	August	28.2	8.24	6.1	2.28	55.18	Ului; March 2010
2010	November	26.92	9.2	5.06	2.69	56.13	Yasi; January 2011
2011	July	No survey: Annual surveys commenced 2015*					
2012	February	24.98	9.33	25.02	3.66	37.01	Oswald; January 2013
2013	July	No survey: Annual surveys commenced 2015*					Dylan; January 2014
2014	July	No survey: Annual surveys commenced 2015*					
2015	March	23.03	8.8	24.35	2.19	41.63	
2015	November	21.92	10.91	28.88	2.11	36.18	
2016	May	22.95	9.76	20.18	2.85	44.26	Debbie; March 2017
2017	January	23.15	9.83	25.76	2.7	38.56	
2017	August	19.71	5.99	22.44	2.53	49.33	
2018	January	20.71	7.31	17.53	2.59	51.86	
2018	July	19.94	5.91	41.73	2.33	30.09	
2019	January	20.2	8.1	18.1	3.2	50.4	
2019	June	22.7	8.6	21.4	3	44.3	
2019	October	19.85	7.04	29.99	2.06	41.06	
2020	April	21.16	3.39	13.28	2.33	59.84	

* Prior to 2015, the monitoring program was centred around maintenance dredging campaigns and therefore not completed annually. In 2015, the program was formalised into the current annual ambient program that includes a pre- and post- wet season monitoring event each year.

KESWICK ISLAND: PERCENT COVER

Monitoring Date		Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone Events
				Mean % Cover			
2010							Ului; March 2010
2011							Yasi; January 2011
2012		Surveys at Keswick Island commenced in 2015*					
2013							Oswald; January 2013
2014							Dylan; January 2014
2015	March	28.54	8.43	41.11	0.24	21.68	
2015	November	29.34	9.04	41.92	0.27	19.43	
2016	May	34.02	9.29	37.88	0.49	18.32	
2017	January	31.78	8.88	40.15	0.51	18.68	Debbie; March 2017
2017	August	31.26	7.51	27.27	0.53	33.43	
2018	January	30.93	7.76	38.34	0.43	22.54	
2018	July	30.1	7.99	31.76	0.61	29.54	
2019	January	27.91	6.52	35.41	0.54	29.62	
2019	June	31.3	7.94	30.41	0.58	29.77	
2019	October	28.28	6.87	35.17	0.47	29.21	
2020	April	28.04	6.8	35.11	0.46	29.59	

* Prior to 2015, the monitoring program was centred around maintenance dredging campaigns and therefore not completed annually. In 2015, the program was formalised into the current annual ambient program that includes a pre- and post- wet season monitoring event each year. At this time, Keswick Island was also added to the program to assess ambient variability in health of mid-shelf reef communities in the Mackay and Hay Point region, as compared to near-shore islands currently in the program.

SLADE ISLAND: PERCENT COVER

Monitoring Date		Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone Events
				Mean % Cover			
2010	August	30	1.78	15.31	0.81	52.1	Ului; March 2010
2010	November	31.01	2.44	5.28	0.72	60.55	Yasi; January 2011
2011		No survey: Annual surveys commenced 2015*					
2012	February	27.82	1.98	32.6	1.08	36.52	Oswald; January 2013
2013		No survey: Annual surveys commenced 2015*					Dylan; January 2014
2014		No survey: Annual surveys commenced 2015*					
2015	March	27.16	2.8	17.96	1.19	50.89	
2015	November	29.14	2.38	39.77	1.08	27.63	
2016	May	27.39	2.99	17.67	1.63	50.32	Debbie; March 2017
2017	January	28.61	2.33	33.38	1.36	34.32	
2017	August	18.53	1.32	25.03	1.24	53.88	
2018	January	19.68	2.13	19.72	1.59	56.88	
2018	July	18.86	1.12	49.19	1.11	29.72	
2019	January	19.8	1.6	19.8	1.7	57.1	
2019	June	21.72	1.6	24.58	1.56	50.54	
2019	October	20.02	1.05	44.54	1.56	32.83	
2020	April	21.63	1.9	8.17	1.28	67.02	

* Prior to 2015, the monitoring program was centred around maintenance dredging campaigns and therefore not completed annually. In 2015, the program was formalised into the current annual ambient program that includes a pre- and post- wet season monitoring event each year.

VICTOR ISLAND: PERCENT COVER

Monitoring Date		Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone Events
				Mean % Cover			
2010	August	22.74	1.48	20.55	0.74	54.49	Ului; March 2010
2010	November	23.19	2.01	14.48	0.81	59.51	Yasi; January 2011
2011		No survey: Annual surveys commenced 2015*					
2012	February	24.61	1.75	32.45	0.54	40.65	Oswald; January 2013
2013		No survey: Annual surveys commenced 2015*					Dylan; January 2014
2014		No survey: Annual surveys commenced 2015*					
2015	March	24.53	1.96	29.1	0.39	44.02	
2015	November	24.64	1.25	43.41	0.39	30.31	
2016	May	25.73	1.99	32.31	0.62	39.35	Debbie; March 2017
2017	January	25.27	2.26	40.04	0.39	32.04	
2017	August	18.26	0.96	27.79	0.39	52.6	
2018	January	18	1.68	23.72	0.64	55.96	
2018	July	17.93	0.89	50.64	0.42	30.12	
2019	January	20.15	1.7	30.36	0.57	47.22	
2019	June	20.06	1.28	39.82	0.64	38.2	
2019	October	19.26	1.06	35.49	0.29	42.84	
2020	April	19.68	1.49	12.68	0.45	65.7	

* Prior to 2015, the monitoring program was centred around maintenance dredging campaigns and therefore not completed annually. In 2015, the program was formalised into the current annual ambient program that includes a pre- and post- wet season monitoring event each year.

INDICATORS OF HEALTH
(mean density affected per 40m²)

Year	Month	Bleached				Disease				Cyclone Events
		Victor	Slade	Round Top	Keswick	Victor	Slade	Round Top	Keswick	
2010	August	0	0	0.04	ns	0.96	0.42	0.63		Ului; March 2010
2010	November	0	0	0	ns	0.5	0.46	1.29		Yasi; January 2011
2011		No survey: Annual surveys commenced 2015*							Keswick added in 2015*	
2012	February	0	0	0.08	ns	0.38	0.38	0.17		
2013		No survey: Annual surveys commenced 2015*								Oswald; January 2013
2014		No survey: Annual surveys commenced 2015*								Dylan; January 2014
2015	March	0.83	0.83	3.42	1.33	1.21	1.25	0.75	1.63	
2015	November	0.21	0.21	0.33	0.29	1.17	2.42	1.29	0.71	
2016	May	0	0	0.25	1.08	0.71	0.75	0.67	0.79	
2017	January	0	0	0.63	0.29	1.29	1.25	0.83	1.67	
2017	August	1.67	1.67	2.08	0.25	0.67	0.13	0.04	1.33	Debbie; March 2017
2018	January	0.04	0.04	0.38	0.71	0.42	0.46	0.25	0.54	
2018	July	0	0	0	0	0.21	0.13	0.42	0.79	
2019	January	0.04	0.04	0.21	0.04	0.33	0.42	1.13	1.79	
2019	June	0	0	0.04	0	0.17	0	0.5	0.58	
2019	October	0	0.21	0.04	0.04	0.42	0.83	0.38	0.79	
2020	April	27.21	41.96	24.17	38.67	0.04^	0.04^	0^	0^	

* Prior to 2015, the monitoring program was centred around maintenance dredging campaigns and therefore not completed annually. In 2015, the program was formalised into the current annual ambient program that includes a pre- and post-wet season monitoring event each year. At this time, Keswick Island was also added to the program to assess ambient variability in health of mid-shelf reef communities in the Mackay and Hay Point region, as compared to near-shore islands currently in the program.
^ Disease extent is considered under-represented for this survey due to extent of bleaching evident.