

CAMP ISLAND: PERCENT COVER

Monitoring Date	Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone or Bleaching Events	Monitoring Date	Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone or Bleaching Events	
Mean % Cover							Mean % Cover							
2010							2018	July	23.35	0.04	40.86	3.46	32.29	Iris; April 2018
2011						Yasi; January 2011	2018	November	23.51	0.04	35.95	2.67	37.83	
2012							2019	May	25.96	0.04	32.93	2.7	38.37	
2013						Oswald; January 2013	2019	October	24.2	0.1	40.3	1.8	33.6	
2014						Dylan; January 2014	2020	May	17.3	0	33.4	3.3	46	Bleaching Summer 2019/20
2015							2020	October	5.63	0.07	76.53	0.66	17.11	
2016	May	20.38	0.19	46.22	3.5	29.71	2021	June	10.25	0.06	49.26	0.51	39.92	
2016	October	15.91	0.09	65.09	2.88	16.03	2021	November	8.9	0.09	49.41	0.66	40.95	
2017	June	17.16	0.25	41.34	0.88	40.37	2022	May	12.42	0.23	37.60	2.53	47.21	
2017	November	12.97	0.28	52.22	1.94	32.59								

HOLBOURNE ISLAND: PERCENT COVER

Monitoring Date	Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone or Bleaching Events	Monitoring Date	Hard Coral	Soft Coral	Macroalgae	Sponges	Other	Cyclone or Bleaching Events	
Mean % Cover							Mean % Cover							
2010							2018	July	4.745	1.635	2.155	0.475	90.99	Iris; April 2018
2011						Yasi; January 2011	2018	November	4.495	1.56	1.78	0.28	91.885	
2012							2019	May	5.59	2.19	0.96	0.22	91.04	
2013						Oswald; January 2013	2019	October	5.1	1.85	12.25	0.25	80.55	
2014						Dylan; January 2014	2020	May	4.95	2.1	0.15	0.4	92.4	Bleaching Summer 2019/20
2015							2020	October*	19.06	2.7	1.67	0.40	76.16	
2016	May	20.595	14.305	0.095	0.455	64.55	2021	June	20.82	3.34	0	0.62	75.22	
2016	October	21.505	14.735	0.41	0.335	63.015	2021	November	21.43	3.07	0.22	0.60	74.68	
2017	June	4.875	1.97	0.08	0.39	92.685	2022	May	24.14	3.29	0	1.04	71.53	
2017	November	5.435	1.735	1.655	0.595	90.58								

*An adjusted monitoring program design was implemented in October 2020 at Holbourne Island with all shallow sites and two deep sites decommissioned while two new sites were established on the eastern face of the island’s reefs. The new sites provide a more representative spread of coral cover and community assemblage. For this reason, results are not directly temporally comparable. Further details of these changes can be seen in the full reports.

CAMP AND HOLBOURNE ISLAND:
INDICATORS OF HEALTH
(mean density affected per 40m²)

Year	Month	Camp Island		Holbourne Island		Cyclone or Bleaching Events	Year	Month	Camp Island		Holbourne Island		Cyclone or Bleaching Events
		Bleached	Disease	Bleached	Disease				Bleached	Disease	Bleached	Disease	
2010							2018	July	0.60	0.90	0	0.20	Iris; April 2018
2011						Yasi; January 2011	2018	November	0.15	0.85	0.15	0.18	
2012							2019	May	0.35	0.50	0.03	0.23	
2013						Oswald; January 2013	2019	October	1.25	0.65	0	0.03	
2014						Dylan; January 2014	2020	May	37.40	ns	8.85	ns	Bleaching Summer 2019/20
2015							2020	October**	0.05	0.15	0	0	
2016	May	*	*	*	*		2021	June	0.25	0.10	0	0.10	
2016	October	*	*	*	*		2021	November	0.25	0.20	0.15	0.10	
2017	June	0.05	1.15	1.94	0.33	Debbie; March 2017	2022	May	0.20	0.10	0.60	0.20	
2017	November	0.03	3.35	0	0.18								

* Disease and bleaching for 2016 surveys recorded as frequency incident per species, as compared to a mean density affected per 40m² that is the reporting metrics for the current ambient monitoring program (2017+). Reports show detailed results.

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