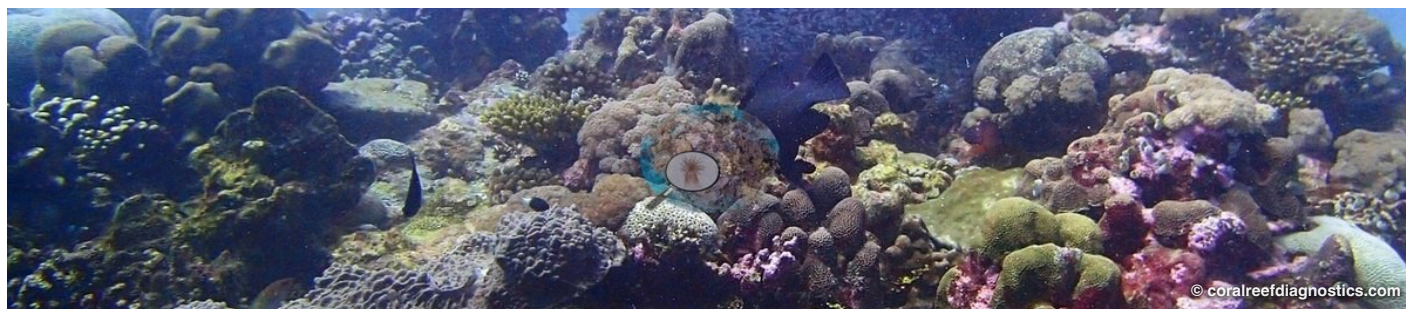


Chagos Archipelago - Great Chagos Bank West (BIDI10)

Danger Island · surveyed 2015-03-12



Coral Health Index: TBD

What was done. Coral cover here was measured on in-situ benthic transects run by divers on the [Living Oceans Foundation Global Reef Expedition](#) — a diver measurement, not an estimate read off photographs.

HARD CORAL COVER

23%

Benthic surveys

TODAY'S HEAT LOAD

28.9°C

0.0°C-weeks

16 Sep 2026 · -0.1°C vs the annual mean (29.0 °C)
· [NOAA](#) No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

4.4°C-weeks

[NOAA](#) annual peaks averaging 4–8 °C-weeks

MAX. DEPTH

22.7 m

dive-log maximum

WATER TEMP. (SURVEY)

29.7°C

+0.8°C vs the 2015 mean sea temperature (28.9°C)

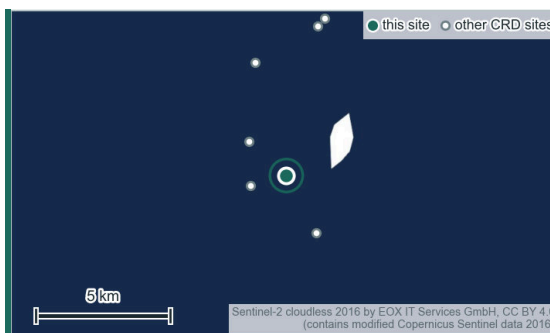
PHOTOGRAPHS

31

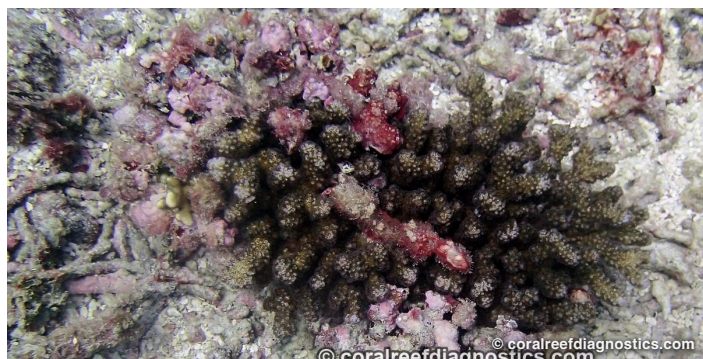
on file for this site

POSITION

-6.3908, 71.2462



BIDI10, at Danger Island, carries 23% coral cover in a diverse, low-relief mosaic of digitate *Acropora*, *Pocillopora*, massive, and plating *Porites*, and foliose corals. Bleaching was essentially absent, though a lesion was noted on one brain coral, and long-spined *Diadema* urchins were unusually abundant on the reef pavement. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 23.0 · [CoralNet](#) 27.1 · In-house DINOv3 16.2 · CoralSCOP edited 32.9 · Claude 22.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 31 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bidi10.html> · Heat stress is the mean of the latest five annual maxima of [NOAA Coral Reef Watch](#) degree-heating weeks for this reef's [NOAA CRW](#) virtual station (Chagos) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.