

Chagos Archipelago - Great Chagos Bank West (BIDI14)

Danger Island · surveyed 2015-03-13



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

15%

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

22.9 m

dive-log maximum

WATER TEMP. (SURVEY)

29.4°C

+0.6°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

13

on file for this site

POSITION

-6.4099, 71.2562



BIDI14, at Danger Island, has 15% coral cover and the second-highest bleaching figure recorded there (9.8%), visible as cream-white branch tips extending well down otherwise dark *Acropora* colonies. A lesioned brain coral was also noted - the third such find in the Danger Island group - alongside emperor and fusilier schools and a passing gray reef shark. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 15.2 · [CoralNet](#) 23.5 · In-house DINOv3 21.9 · CoralSCOP edited 30.3 · Claude 19.2

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 13 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bidi14.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.