

Chagos Archipelago - Great Chagos Bank West (BIDI13)

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

7.8%

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

23.8 m

dive-log maximum

WATER TEMP. (SURVEY)

29.3°C

+0.5°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

16

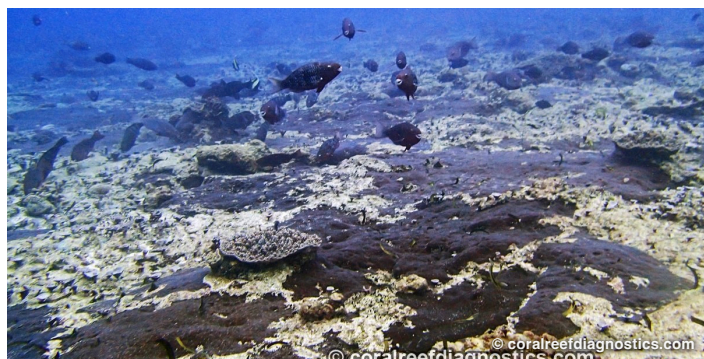
on file for this site

POSITION

-6.4611, 71.2439



BIDI13, at Danger Island, is another algae-dominated reef (7.8% coral cover) with dense fleshy macroalgal beds over rubble, though scattered coral patches host a camouflaged grouper, a *Pocillopora*-type colony, and one of the best fish photographs of the expedition - an oriental sweetlips sheltering under a ledge. Three frames also recorded jellyfish, unusual for this reef series, and a lesioned massive coral was the site's one condition flag. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 7.8 · CoralNet 20.5 · In-house DINOv3 18.2 · CoralSCOP edited 24.9 · Claude 17.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 16 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bidi13.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.