

Chagos Archipelago - Great Chagos Bank West (BIDI16)

Danger Island · surveyed 2015-03-14



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

30%

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

21.8 m

dive-log maximum

WATER TEMP. (SURVEY)

29.2°C

+0.3°C vs the 2015 mean sea temperature (28.9°C)

PHOTOGRAPHS

13

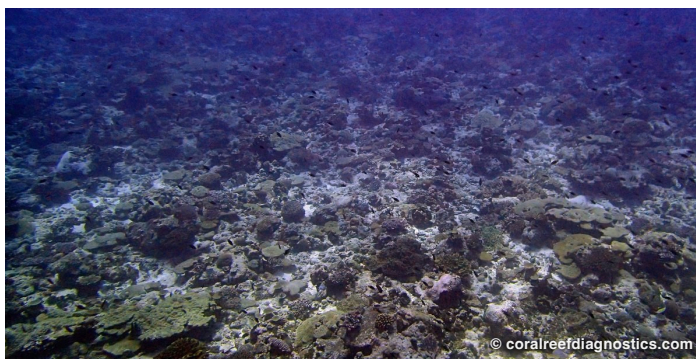
on file for this site

POSITION

-6.3409, 71.2567



BIDI16, at Danger Island, has 30% coral cover and is known for near-spherical, dark chocolate-brown brain corals sitting isolated on clean white sand. Though logged at 0.0% bleached, a couple of small bright-white branching colonies are visible in the photographs, so a handful of bleached colonies likely went undetected by the point-count method rather than being genuinely absent. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 30.4 · [CoralNet](#) 25.6 · In-house DINOv3 22.3 · CoralSCOP edited 30.9 · Claude 24.4

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-bidi16.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.