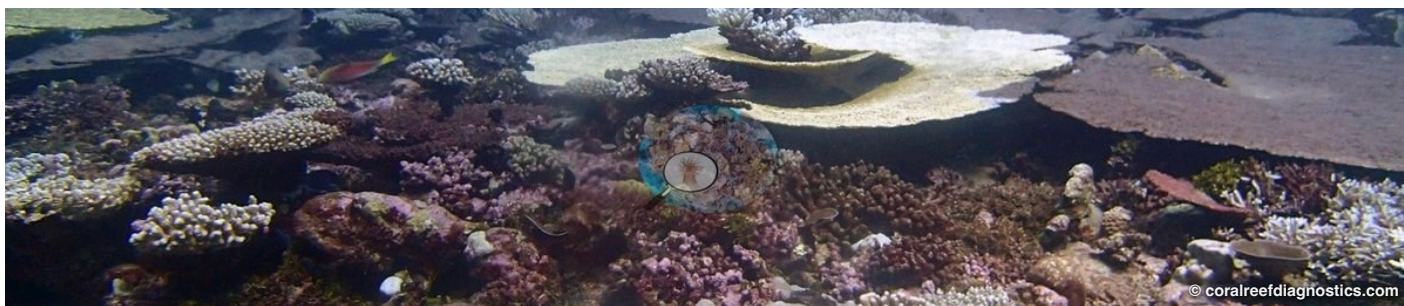


Chagos Archipelago - Great Chagos Bank North (BINI80)

GCB-North · surveyed 2015-04-21



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. The written account of the site is a review of its photographs, not a second survey.

HARD CORAL COVER

43%

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

29.8 m

dive-log maximum

WATER TEMP. (SURVEY)

29.8°C

+0.8°C vs the 2015 mean sea temperature (29.0°C)

PHOTOGRAPHS

25

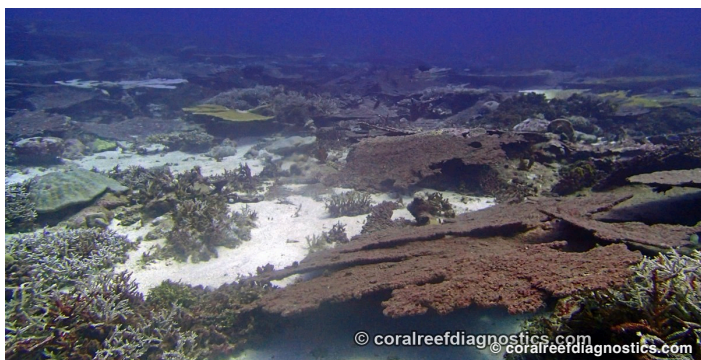
on file for this site

POSITION

-5.7125, 72.0457



An *Acropora*-dominated bank reef on the northern Great Chagos Bank caught in an active crown-of-thorns outbreak, with at least eleven starfish in five frames, including a group of six or more on freshly killed white skeleton. Coral cover is 43%, halving from about 53% in the shallows to 24% at depth. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 42.8 · [CoralNet](#) 26.8 · In-house DINOv3 36.9 · CoralSCOP edited 34.9 · Claude 29.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 25 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-north-bini80.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.