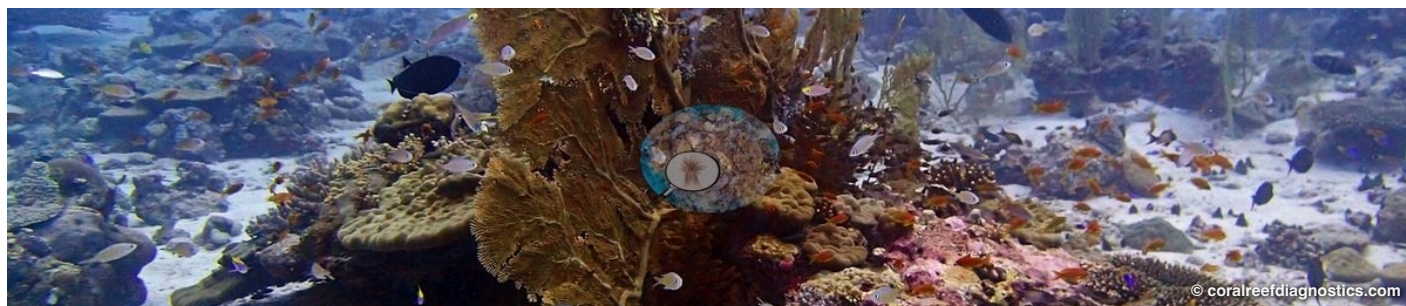


Chagos Archipelago - Great Chagos Bank West (BITB53)

North Brother · surveyed 2015-03-26



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

37%

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

18.2 m

dive-log maximum

WATER TEMP. (SURVEY)

29.5°C

+0.6°C vs the 2015 mean sea temperature (28.9°C)

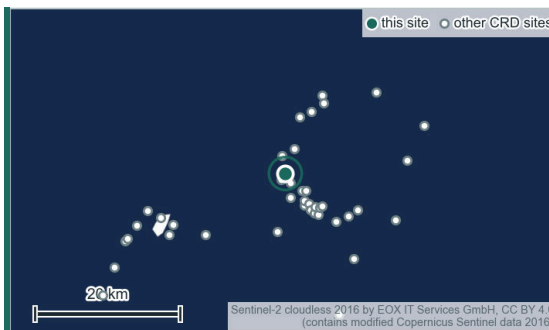
PHOTOGRAPHS

22

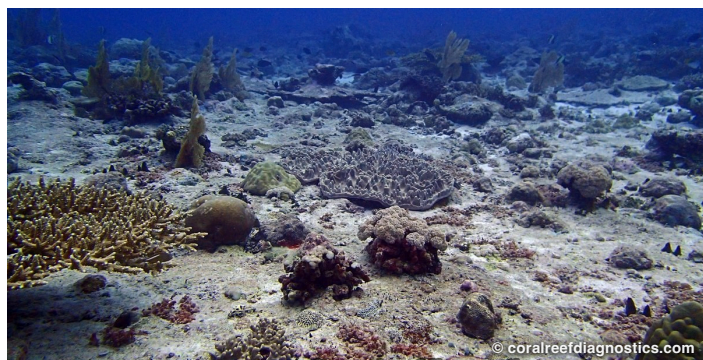
on file for this site

POSITION

-6.1268, 71.5032



A lagoon fringing reef at about 18 m in Three Brothers where large gorgonian sea fans and massive coral bommies shelter dense fish schools, beside open rubble flats with scattered colonies. The reef is *Porites*-led at 37% cover, with one of the lowest bleaching rates in the archipelago (3.2%). Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 36.7 · [CoralNet](#) 35.2 · In-house DINOv3 30.8 · CoralSCOP edited 27.4 · Claude 23.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 22 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bitb53.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.