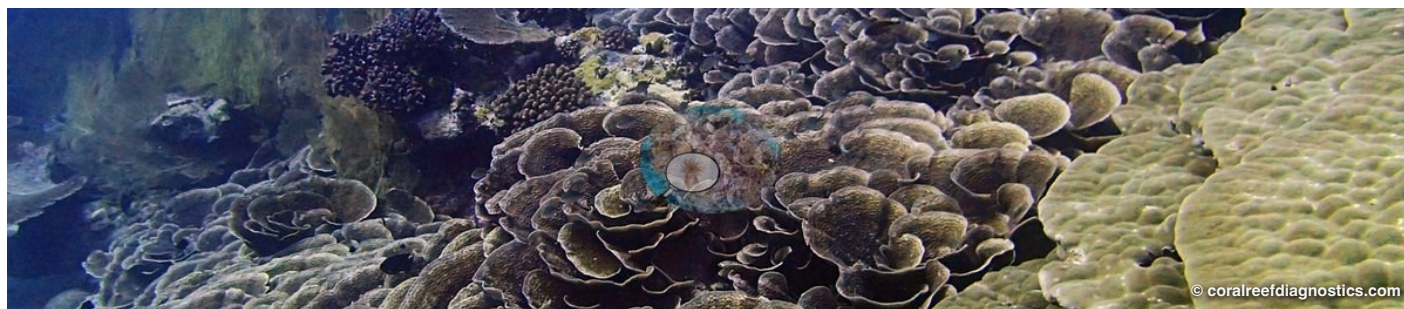


Chagos Archipelago - Great Chagos Bank West (BITB57)

GCB-West · 2 visits, 2015-03-27 – 2015-03-28



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

40%

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

30.1 m

deepest of 3 logged dives

WATER TEMP. (SURVEY)

29.8°C

+0.9°C vs the 2015 mean sea temperature (28.9°C)

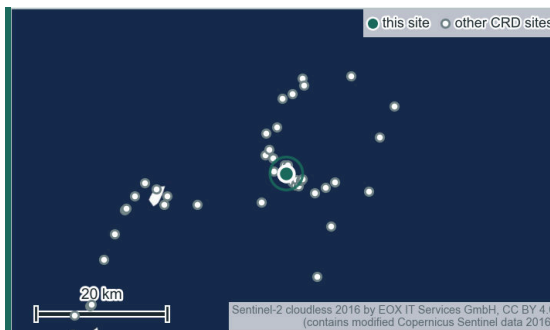
PHOTOGRAPHS

75

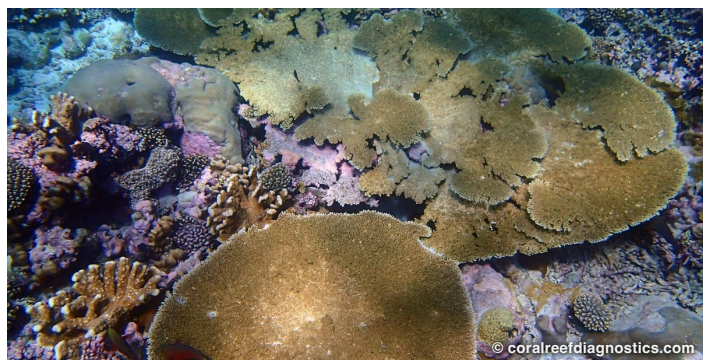
on file for this site

POSITION

-6.1598, 71.5271



A lagoon channel reef in the Three Brothers region of Chagos, where a thin, algae-covered shallow flat deepens into a high-cover bank of table *Acropora* and columnar *Turbinaria*. Giant clams, anemonefish, an eagle ray, and a sea turtle were seen, alongside a few bleached colonies. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) **40.1** · [CoralNet](#) 44.0 · In-house DINOv3 33.2 · CoralSCOP edited 36.4 · Claude 43.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 75 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bitb57.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.