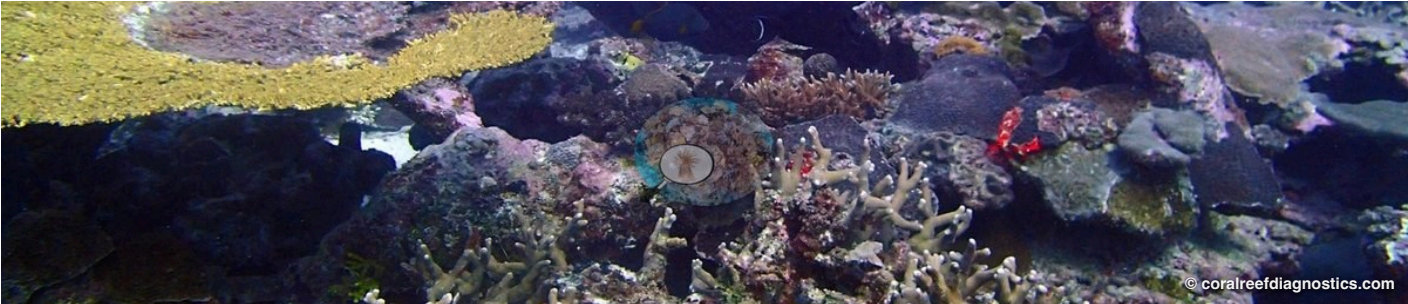


Chagos Archipelago - Great Chagos Bank West (BITB47)

Three Brothers · surveyed 2015-03-24



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

54%

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

30.6 m

dive-log maximum

WATER TEMP. (SURVEY)

29.8°C

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

PHOTOGRAPHS

2

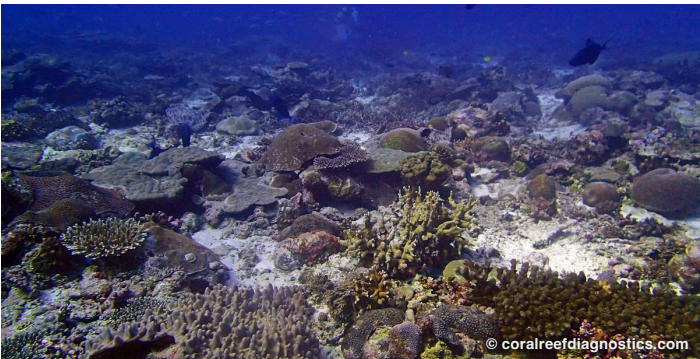
on file for this site

POSITION

-6.0266, 71.6164



One of the best reefs in the Chagos dataset: a sheltered lagoon patch reef at 29 m with 54% coral cover and 29 genera, including blue coral at mid-depth, with cover climbing and algae falling as the reef deepens. A fogged camera left only two photos, so its condition could barely be assessed. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 53.7 · [CoralNet](#) 43.0 · In-house DINOv3 35.0 · CoralSCOP edited 33.2 · Claude 25.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 2 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bitb47.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.