

Chagos Archipelago - Great Chagos Bank West (BITB49)

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

27%

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

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not logged

WATER TEMP. (SURVEY)

30.2°C

+1.3°C vs the 2015 mean sea temperature (28.9°C)

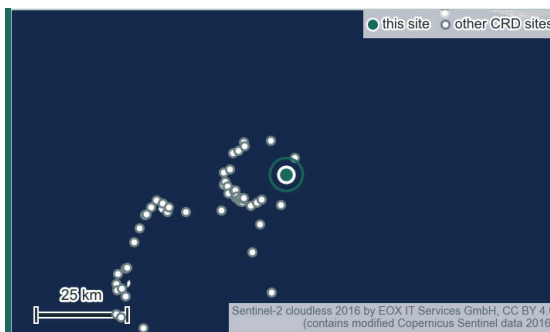
PHOTOGRAPHS

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none on file

POSITION

-6.1103, 71.6547



A lagoon patch reef at 25 m inside Three Brothers, surveyed by the [Living Oceans Foundation](#) team, with modest cover (26.8%) but a broad mix of 26 genera and no single dominant coral. Unusually, the deeper zone has more coral and less silt than the shallows; no photographs exist, so its condition is unknown. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).

Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-bitb49.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.