

Chagos Archipelago - Speakers Bank (BISP101)

Speaker's Bank · surveyed 2015-04-28



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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

50%

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

25.0 m

dive-log maximum

WATER TEMP. (SURVEY)

29.9°C

+0.7°C vs the 2015 mean sea temperature (29.2°C)

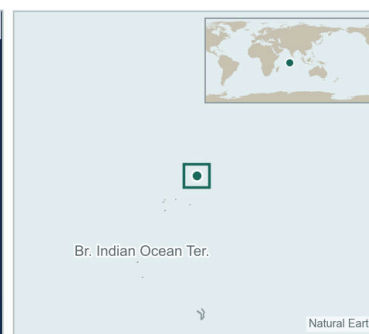
PHOTOGRAPHS

12

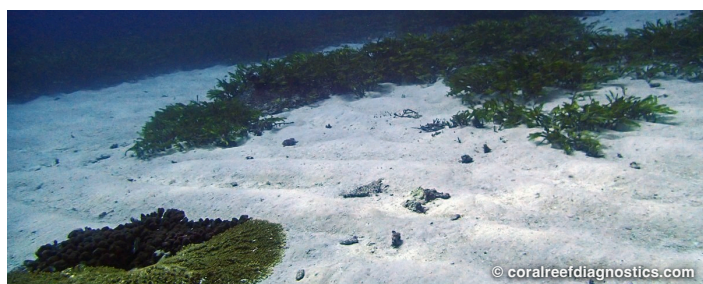
on file for this site

POSITION

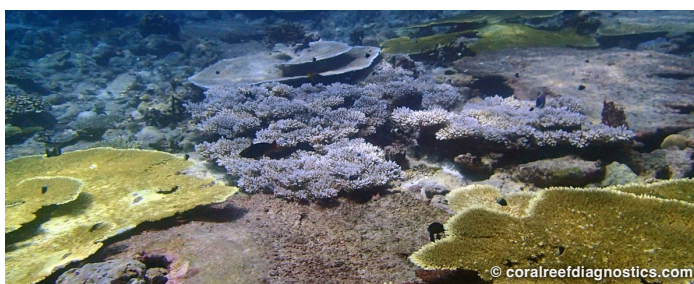
-4.7925, 72.3456



One of the most *Acropora*-dominated reefs in Chagos: half the bottom is live coral, and 83% of that is *Acropora*, spread as broad, overlapping golden-brown table corals. Only 13 coral genera were recorded, and the reef looks the same at both depths surveyed. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



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CV model comparison (hard-coral cover, %): Transect (published) 50.0 · [CoralNet](#) 39.1 · In-house DINOv3 32.1 · CoralSCOP edited 32.6 · Claude 23.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 12 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-speakers-bank-bisp101.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.