

Chagos Archipelago - Speakers Bank (BISP90)

Speaker's Bank · surveyed 2015-04-24



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

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

23.1 m

dive-log maximum

WATER TEMP. (SURVEY)

29.6°C

+0.5°C vs the 2015 mean sea temperature (29.1°C)

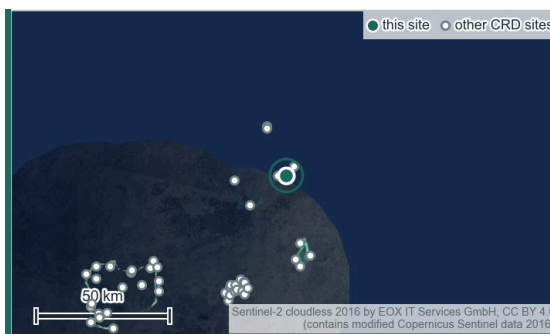
PHOTOGRAPHS

8

on file for this site

POSITION

-4.9505, 72.4121



A sheltered bank reef at about 25 m in Speakers Bank, the northernmost Chagos survey area, with 40% coral cover and 27 genera, including the Chagos-endemic brain coral *Ctenella chagius*. *Acropora* dominates the shallows, then gives way to *Montipora* and other corals deeper down, and bleaching was among the lowest recorded. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 39.8 · [CoralNet](#) 27.6 · In-house DINOv3 30.8 · CoralSCOP edited 37.9 · Claude 24.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 8 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-speakers-bank-bisp90.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.