

Chagos Archipelago - Speakers Bank (BISP89)

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

33%

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

30.2 m

dive-log maximum

WATER TEMP. (SURVEY)

29.9°C

+0.8°C vs the 2015 mean sea temperature (29.1°C)

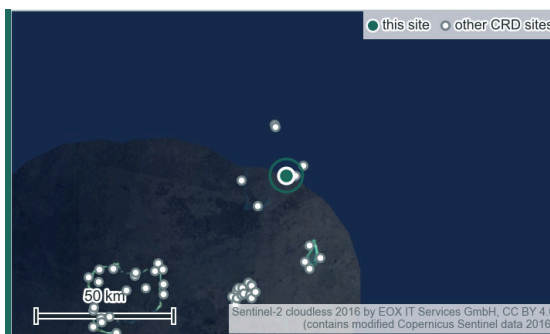
PHOTOGRAPHS

13

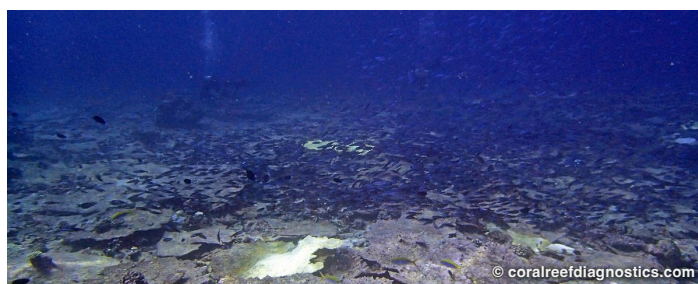
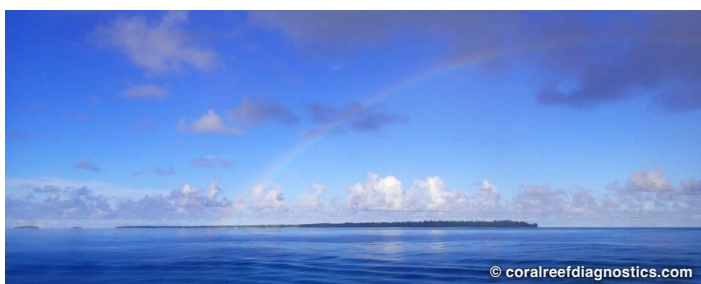
on file for this site

POSITION

-4.9517, 72.3830



A deep, sheltered lagoon patch reef at about 31 m inside Speakers Bank, with 29 coral genera but more algae than coral (33% coral against 55% algae, including heavy fleshy turf). Dense branching coral patches alternate with open plate-and-rubble pavement, where mixed fish schools gather. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) **33.2** · [CoralNet](#) 17.2 · In-house DINOv3 21.5 · CoralSCOP edited 27.6 · Claude 19.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 13 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-speakers-bank-bisp89.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.