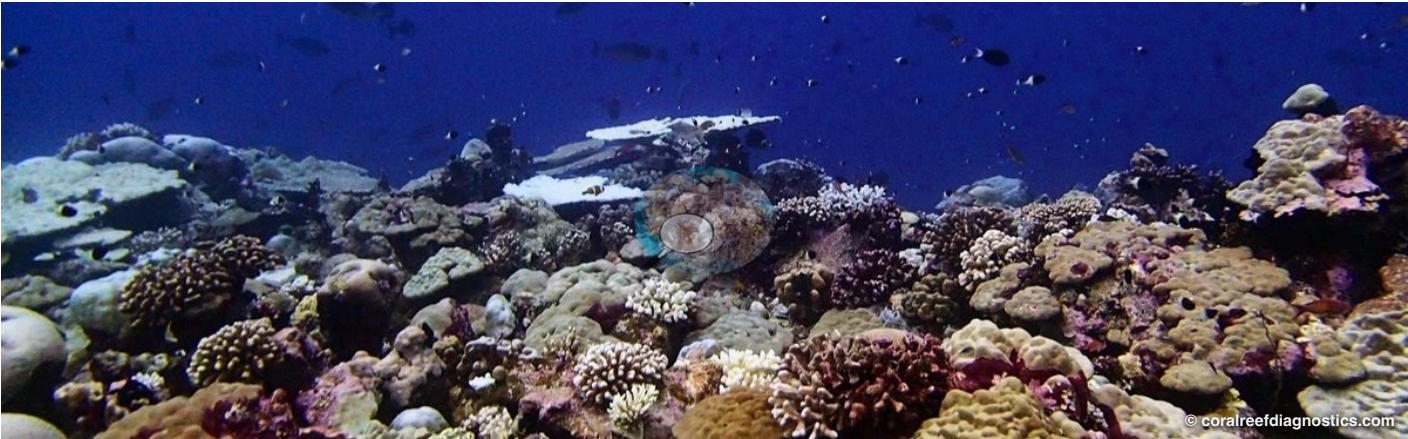


Chagos Archipelago - Peros Banhos (BIPB114)

Peros Banhos · 2 visits, 2015-05-02 – 2015-05-03



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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

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

26.7 m

dive-log maximum

WATER TEMP. (SURVEY)

—
not logged

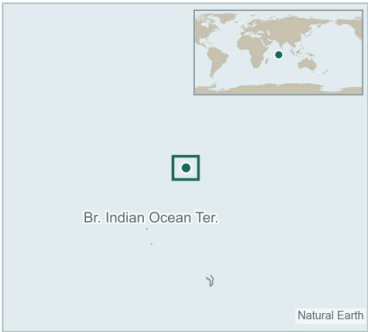
PHOTOGRAPHS

54

on file for this site

POSITION

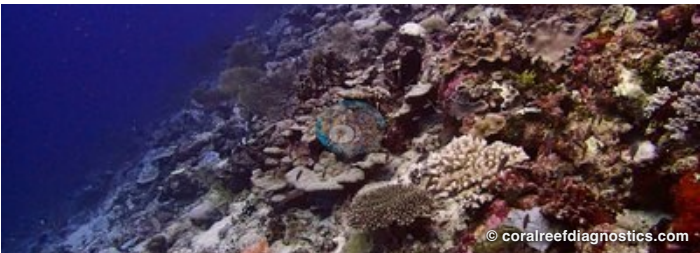
-5.2572, 71.9758



A windward Peros Banhos forereef with 31 coral genera that is unusual for Chagos in being dominated by *Porites* rather than *Acropora*, at 40% cover. Roughly 23% of coral was bleached on two consecutive dives, with white corymbose and plate colonies scattered throughout and even a bleached host anemone with its anemonefish. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



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CV model comparison (hard-coral cover, %): Transect (published) 39.6 · [CoralNet](#) 34.4 · In-house DINOv3 31.7 · CoralSCOP edited 35.2 · Claude 20.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 54 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb114.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.