

Chagos Archipelago - Peros Banhos (BIPB69)

Peros Banhos · 3 visits, 2015-04-16 – 2015-05-02



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

65%

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

27.3 m

dive-log maximum

WATER TEMP. (SURVEY)

30.3°C

+1.2°C vs the 2015 mean sea temperature (29.1°C)

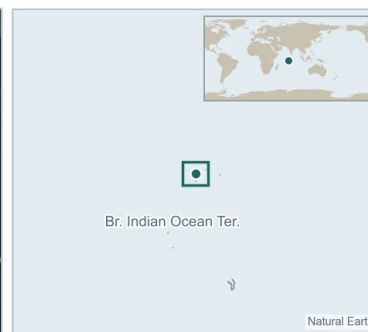
PHOTOGRAPHS

33

on file for this site

POSITION

-5.2964, 71.7670



One of Chagos's highest-cover reefs (64.7%): a near-pure stand of table *Acropora* in the shallows giving way to *Echinopora* at depth. Dived three times, it recorded bleaching as it happened, rising from 0% on 16 April to 12% the next day and 36.5% by 2 May, with fields of white tables beside still-dark branching stands. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 64.7 · [CoralNet](#) 56.1 · In-house DINOv3 47.4 · CoralSCOP edited 42.6 · Claude 39.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 33 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb69.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.