

Chagos Archipelago - Peros Banhos (BIPB70)

Peros Banhos · 2 visits, 2015-04-17 – 2015-05-01



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.

HARD CORAL COVER

60%

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

24.2 m

dive-log maximum

WATER TEMP. (SURVEY)

—
not logged

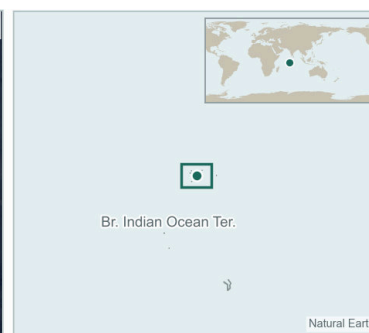
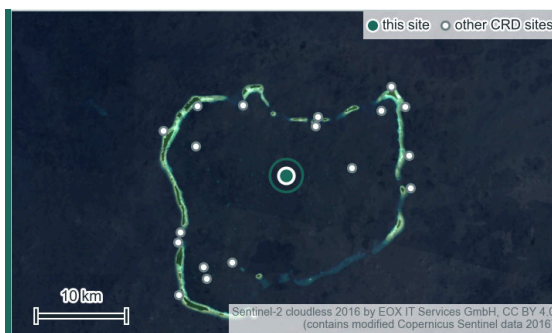
PHOTOGRAPHS

49

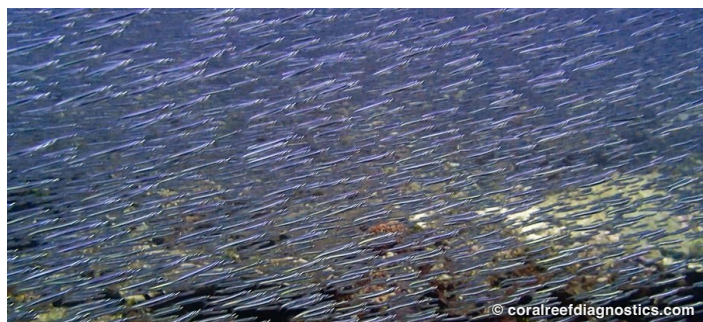
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POSITION

-5.3251, 71.8574



A sheltered lagoon patch reef at 22 m with 60% coral cover, dominated by dense *Acropora* tables and plates. Bleaching jumped from 3.7% on 17 April to 33.3% two weeks later, when the photos show landscape-scale fields of stark-white tables beside still-pigmented patches. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 60.3 · [CoralNet](#) 45.1 · In-house DINOv3 40.2 · CoralSCOP edited 35.7 · Claude 34.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 49 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb70.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.