

Chagos Archipelago - Peros Banhos (BIPB63)

Peros Banhos · surveyed 2015-04-15



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

56%

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

25.8 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

+1.0°C vs the 2015 mean sea temperature (29.0°C)

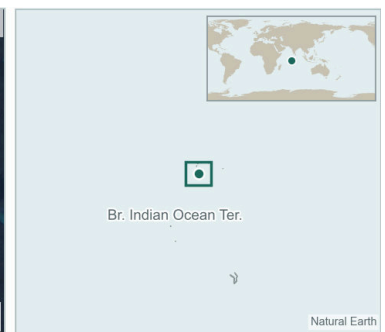
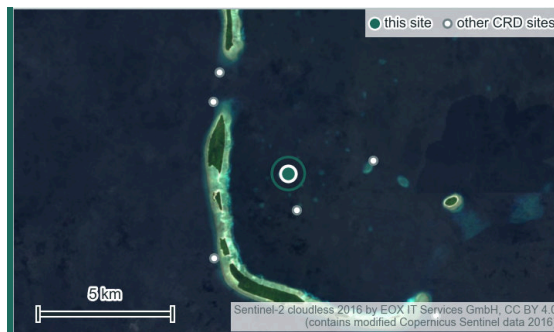
PHOTOGRAPHS

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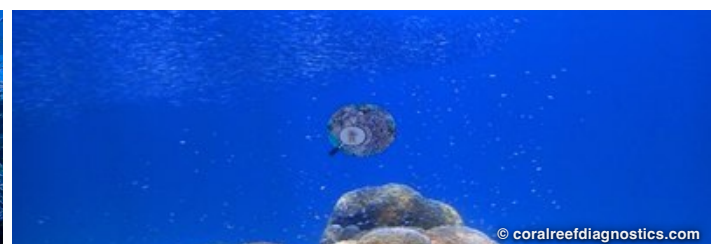
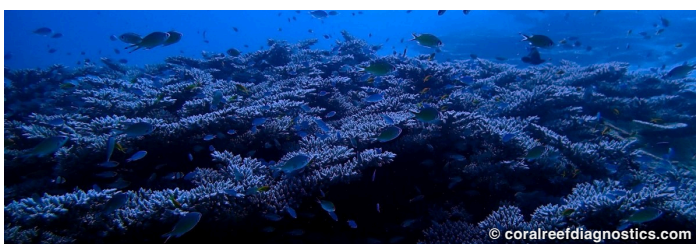
on file for this site

POSITION

-5.4152, 71.7750



A sheltered lagoon patch reef at 29 m where *Acropora* makes up 87% of the coral, as dense staghorn thickets and table shelves over old dead framework in the shallows, at 56% cover. Several photos show conspicuous white table corals despite a very low published bleaching figure, a mismatch that remains unresolved. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 56.0 · In-house DINOv3 33.3 · CoralSCOP edited 38.4 · Claude 35.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 32 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb63.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.