

Chagos Archipelago - Peros Banhos (BIPB64)

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

31%

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

29.9 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

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

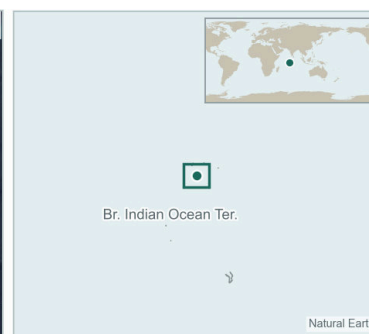
PHOTOGRAPHS

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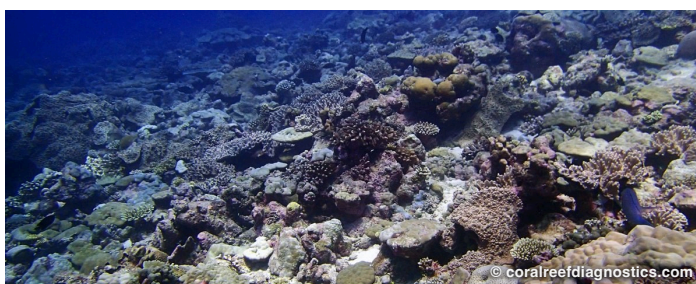
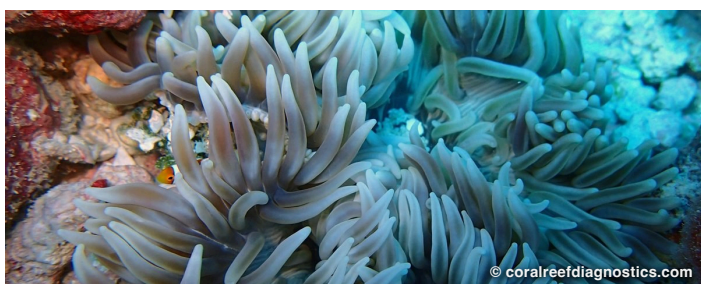
on file for this site

POSITION

-5.4624, 71.8244



A Peros Banhos fringing forereef (31.2% coral against 42.7% algae) that alternates between dense coral thickets and open sand-and-rubble flats, sheltering sweetlips, triggerfish, and anemonefish in their anemones. Several colonies show clear bleaching, including one large table coral almost entirely white. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 31.2 · In-house DINOv3 26.2 · CoralSCOP edited 33.3 · Claude 22.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 24 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb64.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.