

Chagos Archipelago - Peros Banhos (BIPB67)

Peros Banhos · surveyed 2015-04-16



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

42%

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

30.7 m

dive-log maximum

WATER TEMP. (SURVEY)

30.1°C

+1.0°C vs the 2015 mean sea temperature (29.1°C)

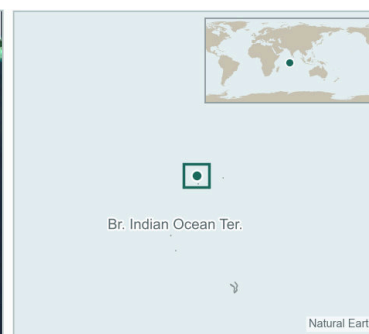
PHOTOGRAPHS

43

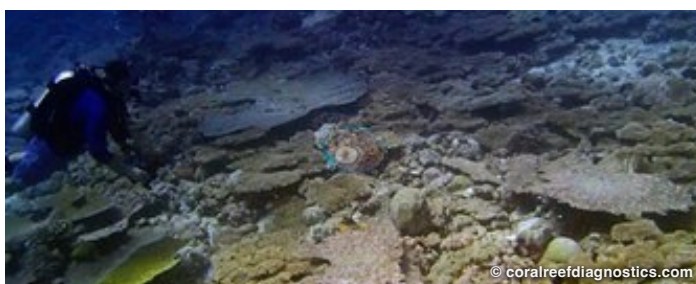
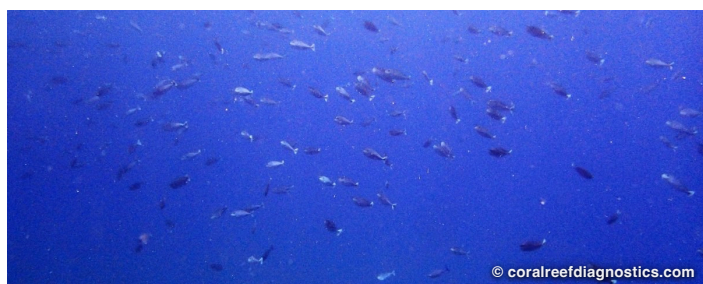
on file for this site

POSITION

-5.2810, 71.7350



A Peros Banhos fringing forereef at 29 m with 42% coral cover that shifts from *Acropora*-dominated shallows to *Porites*-dominated depths, with relatively little bleaching (4.9%). Dense mixed coral thickets alternate with low pavement and rubble, patrolled by a gray reef shark and a large grouper. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 41.9 · In-house DINOv3 33.8 · CoralSCOP edited 29.5 · Claude 26.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 43 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb67.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.