

Chagos Archipelago - Peros Banhos (BIPB66)

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

7.0%

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

20.9 m

dive-log maximum

WATER TEMP. (SURVEY)

29.9°C

+0.9°C vs the 2015 mean sea temperature (29.0°C)

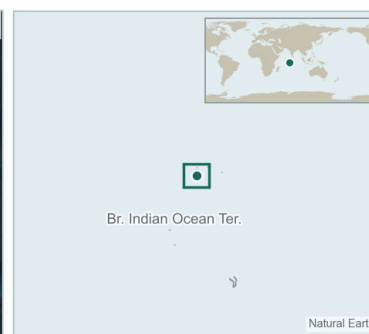
PHOTOGRAPHS

13

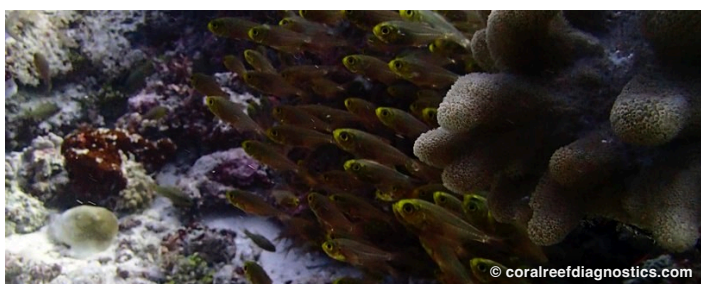
on file for this site

POSITION

-5.3813, 71.7518



A low sand-and-rubble channel reef at 23 m with just 7% coral cover, one of the lowest in Chagos, made up almost entirely of scattered *Porites*. Dense stands of gorgonian sea fans and abundant sea urchins fill the gaps, and a reef manta ray cruised over the site. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 7.0 · In-house DINOv3 26.1 · CoralSCOP edited 28.8 · Claude 2.3

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 13 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb66.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.