

Chagos Archipelago - Peros Banhos (BIPB60)

Peros Banhos · surveyed 2015-04-14



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

30.6 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

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

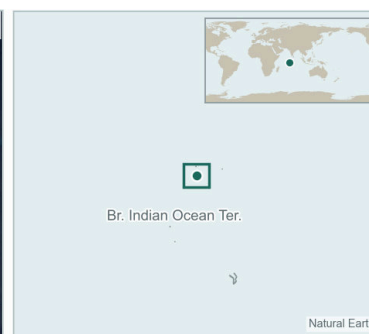
PHOTOGRAPHS

44

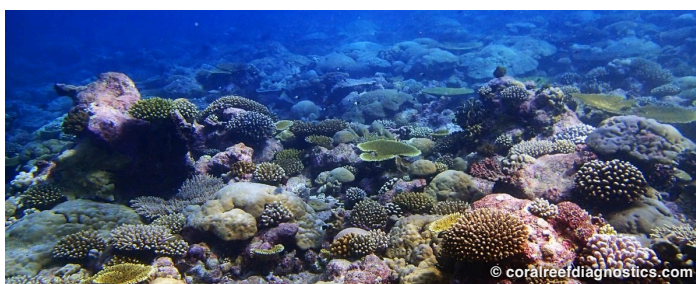
on file for this site

POSITION

-5.4434, 71.7499



An outer-rim Peros Banhos forereef with 18 coral genera and 42% cover, *Acropora*-fronted in the shallows and *Porites*-built below 8 m, with bleaching (11.8%) above most of its neighbors. The few photos show only a big school of surgeonfish over sea fans and whip corals, plus a phyllidiid nudibranch. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 42.2 · In-house DINOv3 33.4 · CoralSCOP edited 41.9 · Claude 29.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 44 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb60.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.