

Chagos Archipelago - Peros Banhos (BIPB62)

Peros Banhos · surveyed 2015-04-14



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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

60%

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

30.4 m

dive-log maximum

WATER TEMP. (SURVEY)

30.4°C

+1.4°C vs the 2015 mean sea temperature (29.0°C)

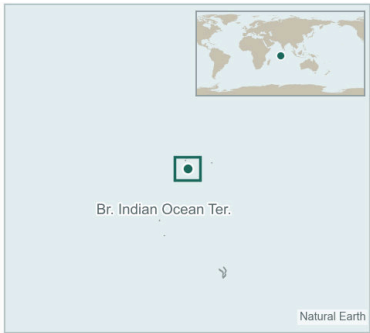
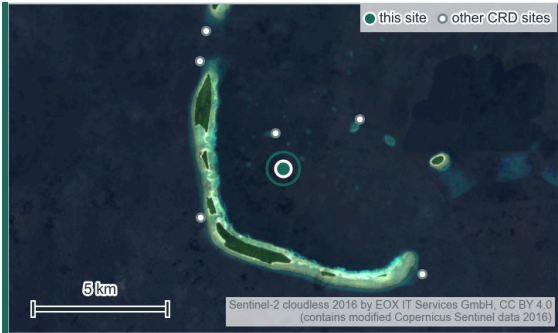
PHOTOGRAPHS

47

on file for this site

POSITION

-5.4272, 71.7778



A genuine "great dive" (the field folder's own name): one of Chagos's most coral-rich reefs at 60% cover, carried almost entirely by *Acropora* and plate-forming *Echinopora*. Remarkably for Chagos, *Porites* is nearly absent, and the shallowest transect is a 94% *Acropora* monoculture. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



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CV model comparison (hard-coral cover, %): Transect (published) 59.6 · In-house DINOv3 35.3 · CoralSCOP edited 31.6 · Claude 33.6

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 47 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb62.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.