

Chagos Archipelago - Peros Banhos (BIPB110)

Peros Banhos · surveyed 2015-04-30



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

39%

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)

30.6°C

+1.5°C vs the 2015 mean sea temperature (29.1°C)

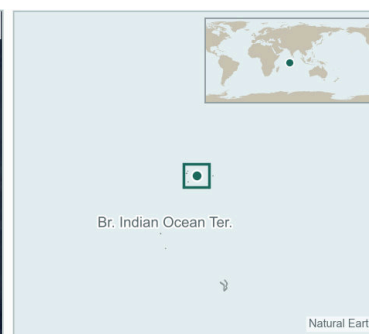
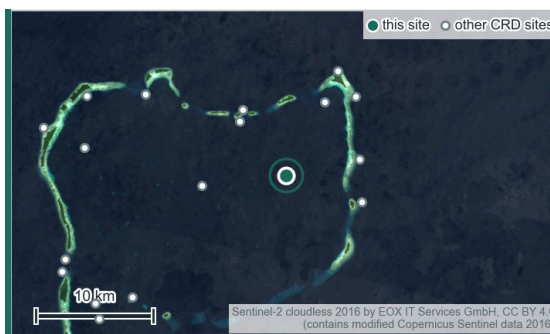
PHOTOGRAPHS

45

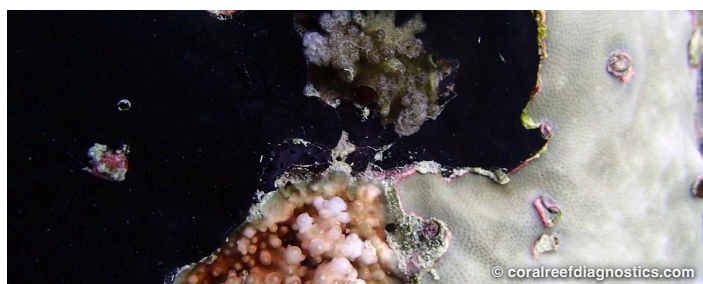
on file for this site

POSITION

-5.3175, 71.9224



A structurally complex lagoon channel reef with 23 coral genera, where tiers of overlapping table corals give way at depth to brain-type and *Echinopora* corals, at 39% cover. Bleaching is unmistakable across several growth forms, including an enormous massive colony with extensive white tissue. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 39.3 · [CoralNet](#) 36.6 · In-house DINOv3 36.6 · CoralSCOP edited 36.7 · Claude 29.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 45 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb110.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.