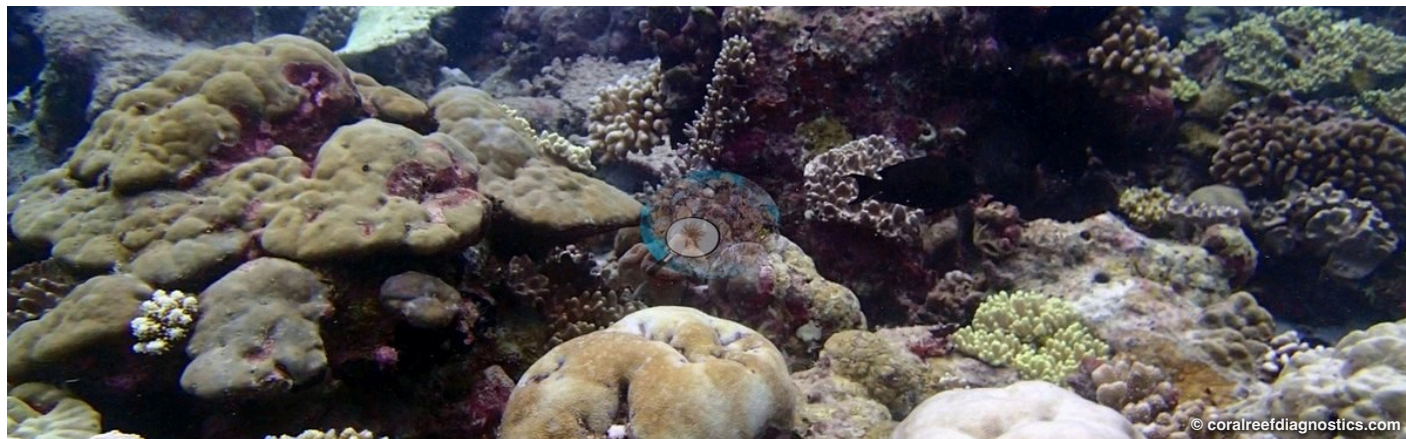


Chagos Archipelago - Peros Banhos (BIPB75)

Peros Banhos · surveyed 2015-04-19



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

44%

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

31.2 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

+0.9°C vs the 2015 mean sea temperature (29.1°C)

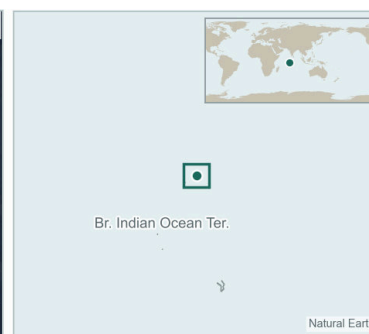
PHOTOGRAPHS

9

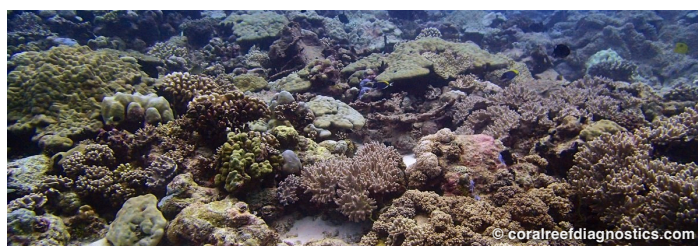
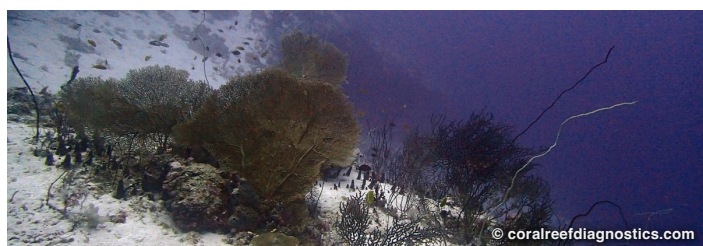
on file for this site

POSITION

-5.3050, 71.9790



An exposed forereef outside Peros Banhos at 31 m built on massive *Porites* mounds (half the coral) rather than the usual *Acropora* tables, at 44% cover. Bleaching was among the worst tenth in Chagos (17.4%), with fully white plate colonies and a brain coral gone pale mauve, and the deep sand slope holds gorgonians, black corals, and sponges. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 43.9 · [CoralNet](#) 39.2 · In-house DINOv3 42.2 · CoralSCOP edited 43.7 · Claude 32.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 9 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-peros-banhos-bipb75.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.