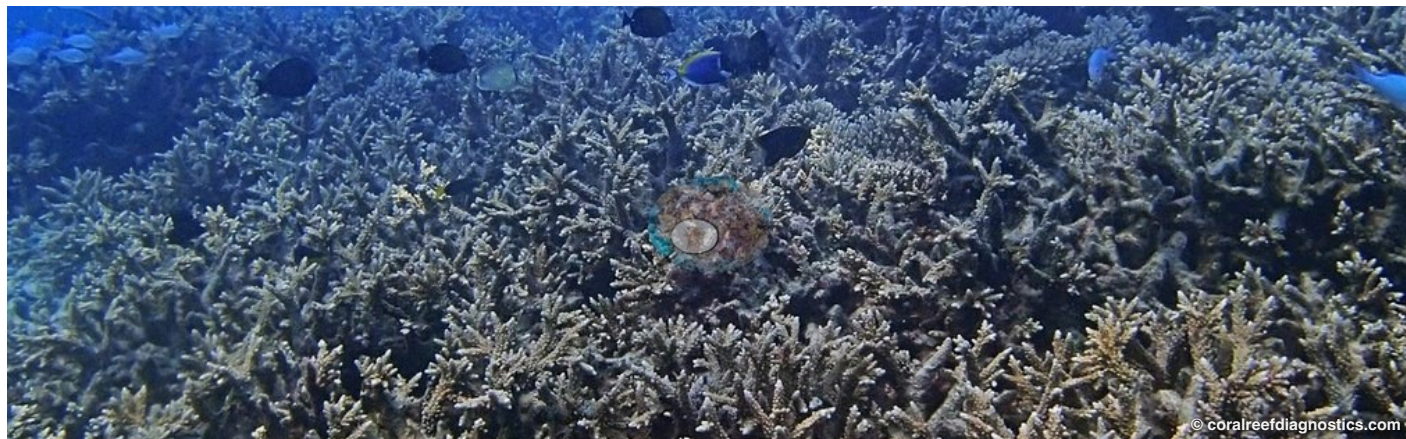


Chagos Archipelago - Egmont (BIEG06)

Egmont · surveyed 2015-03-11



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.

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

18.9 m

dive-log maximum

WATER TEMP. (SURVEY)

29.4°C

+0.6°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

34

on file for this site

POSITION

-6.6394, 71.3395



BIEG06, at Egmont, shows coral stress in three forms at once - widespread pale, washed-out *Acropora* plains, individual colonies with bone-white branch tips, and standing dead branching framework already colonized by algae - but also new coral recruits settling directly on that dead substrate, capturing mortality and recovery side by side. Fish life here includes the largest trevally and snapper schools reviewed in the whole Chagos set, plus the only nudibranch found in the archipelago's photographed frames. Published cover is 44%. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 43.5 · [CoralNet](#) 44.2 · In-house DINOv3 34.0 · CoralSCOP edited 22.6 · Claude 31.6

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 34 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-egmont-bieg06.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.