

Chagos Archipelago - Egmont (BIEG07)

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

48%

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

11.0 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

+1.2°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

8

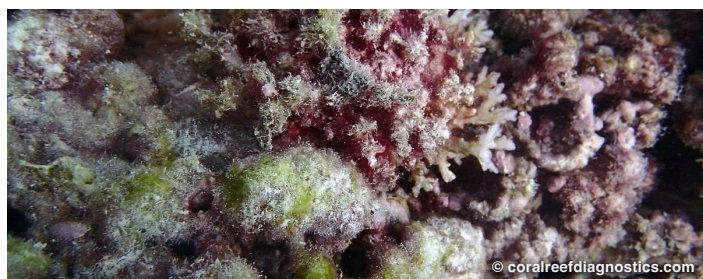
on file for this site

POSITION

-6.6673, 71.3681



The warmest site on the Egmont transect (30.0°C) and the most bleached in the Chagos set at 18.3%, with bleaching or paling on branching *Acropora* and *Pocillopora* in three of eight frames. Where coral survives it is richly mixed at small scale, including a huge, fully pigmented brain-coral boulder, and transects put live cover at 48%. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 47.5 · In-house DINOv3 56.7 · CoralSCOP edited 26.8 · Claude 28.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 8 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-egmont-bieg07.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.