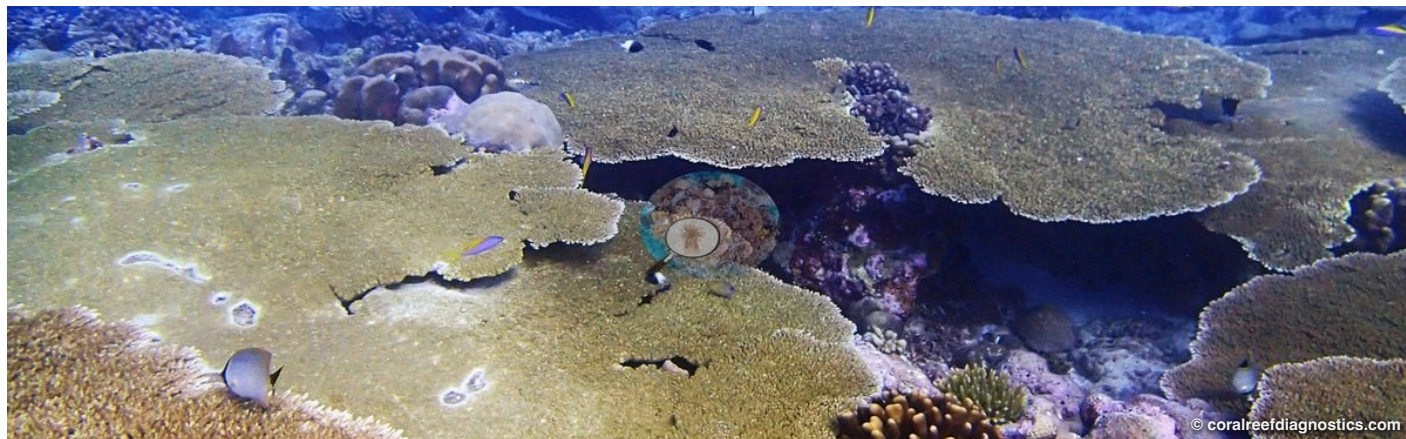


Chagos Archipelago - Egmont (BIEG05)

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

47%

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

29.4 m

dive-log maximum

WATER TEMP. (SURVEY)

29.0°C

+0.2°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

54

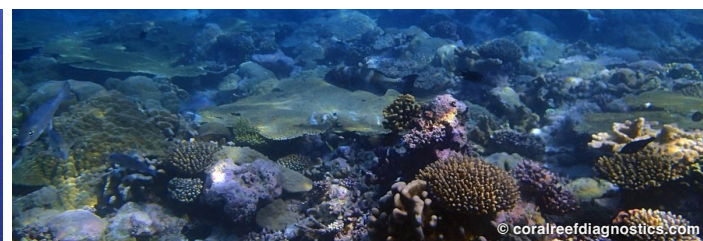
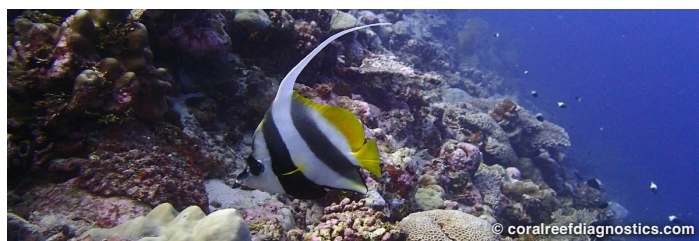
on file for this site

POSITION

-6.6425, 71.3112



BIEG05, at Egmont, has 47% coral cover, near the top of the whole Chagos range, and holds the clearest bleaching photo-record found anywhere in this survey: a single dive documents the full progression from healthy tissue through partial and full bleaching to freshly dead, algae-overgrown skeleton, all on tabular *Acropora*. Large schools of silvery emperor/bream fish are a distinctive feature here, along with a silvertip shark, an octopus, and a regal angelfish. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) **46.7** · [CoralNet](#) 57.8 · In-house DINOv3 40.2 · CoralSCOP edited 41.4 · Claude 39.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 54 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-egmont-bieg05.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.