

Chagos Archipelago - Egmont (BIEG03)

Egmont · surveyed 2015-03-10



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

37%

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

30.4 m

dive-log maximum

WATER TEMP. (SURVEY)

29.2°C

+0.4°C vs the 2015 mean sea temperature (28.8°C)

PHOTOGRAPHS

44

on file for this site

POSITION

-6.6939, 71.3786



BIEG03, at Egmont, has 37% coral cover and corrects an earlier undercount - a single reviewed frame actually shows four or five fully bleached branching *Acropora* colonies, following the same pattern seen elsewhere at Egmont where branching corals bleach first and massives don't. The dive is dominated by trevally, with loose hunting schools of bluefin trevally appearing across roughly fourteen frames. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 37.3 · In-house DINOv3 18.4 · CoralSCOP edited 25.7 · Claude 16.6

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 44 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-egmont-bieg03.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.