

Chagos Archipelago - Eagle Island (BIEA24.5)

Eagle Island · surveyed 2015-03-16



Coral Health Index: TBD

What was done. The figure comes from point annotation of this site's photographs in [CoralNet](#) — a photographic point count, published, not a diver transect.

HARD CORAL COVER

20%

Point-intercept photo analysis ([CoralNet](#))

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

8.2 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

PHOTOGRAPHS

4

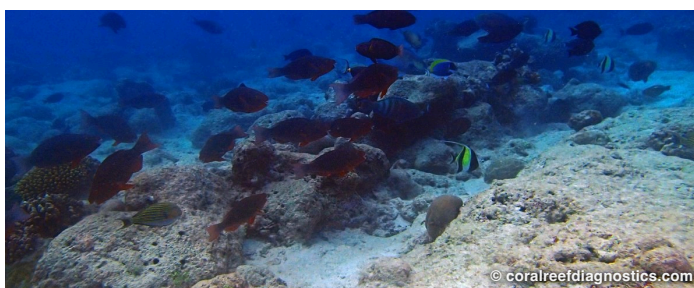
on file for this site

POSITION

-6.2071, 71.3068



An Eagle Island reef set apart by its color, with *Pocillopora* colonies in bubblegum pink and deep magenta, a pigment response that can signal stress. Coral death is localized but severe where it occurs, including a branching colony in mid-collapse with a large dead center under sediment-laden turf, and the dive also featured parrotfish and an octopus. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): [CoralNet](#) 19.6 · In-house DINOv3 20.7 · CoralSCOP edited 21.2 · Claude 15.2

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-eagle-island-biea24-5.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.