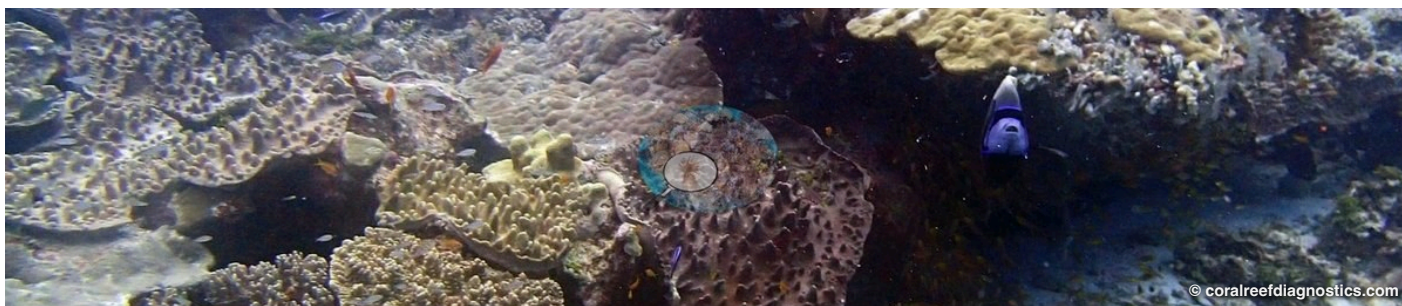


Chagos Archipelago - Great Chagos Bank West (BIEA24)

Eagle Island · surveyed 2015-03-16



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

13%

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

31.1 m

dive-log maximum

WATER TEMP. (SURVEY)

29.3°C

+0.4°C vs the 2015 mean sea temperature (28.9°C)

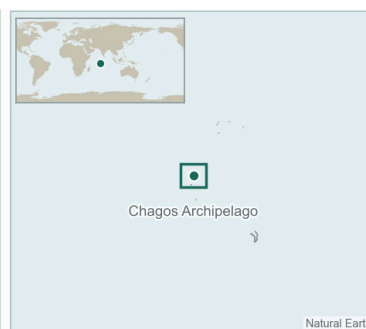
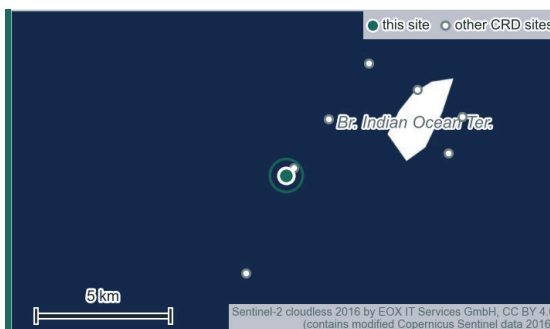
PHOTOGRAPHS

15

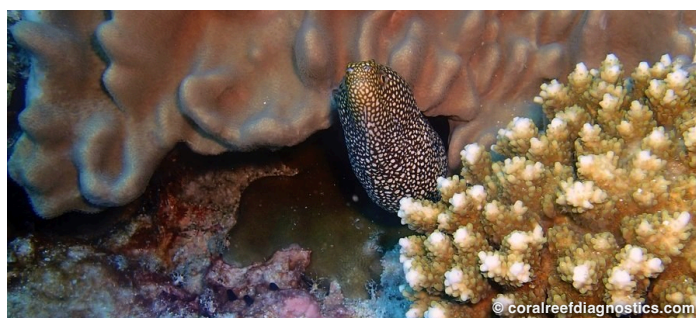
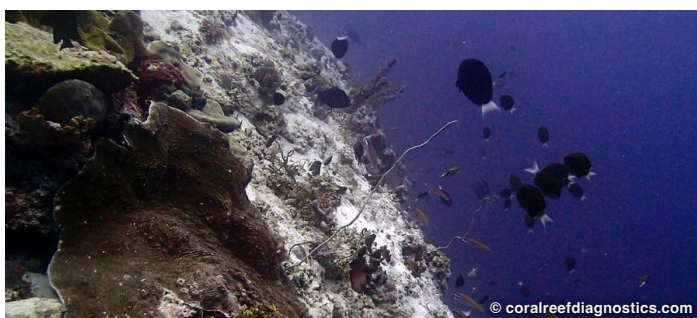
on file for this site

POSITION

-6.2096, 71.3043



BIEA24 is a lower-cover site (12.7%) notable for two corrected wildlife identifications: what an earlier pass called a pair of moray eels is actually a single red-spotted coral guard crab, and what was called a puffer is a whitemouth moray. A cleaning station was also caught mid-service, with a wrasse working a fish amid a dense school of small golden cardinalfish, and sharply-edged patches of recent partial mortality were noted on the site's largest *Porites* dome. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 12.7 · [CoralNet](#) 40.6 · In-house DINOv3 41.2 · CoralSCOP edited 39.2 · Claude 37.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 15 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-gcb-west-biea24.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.