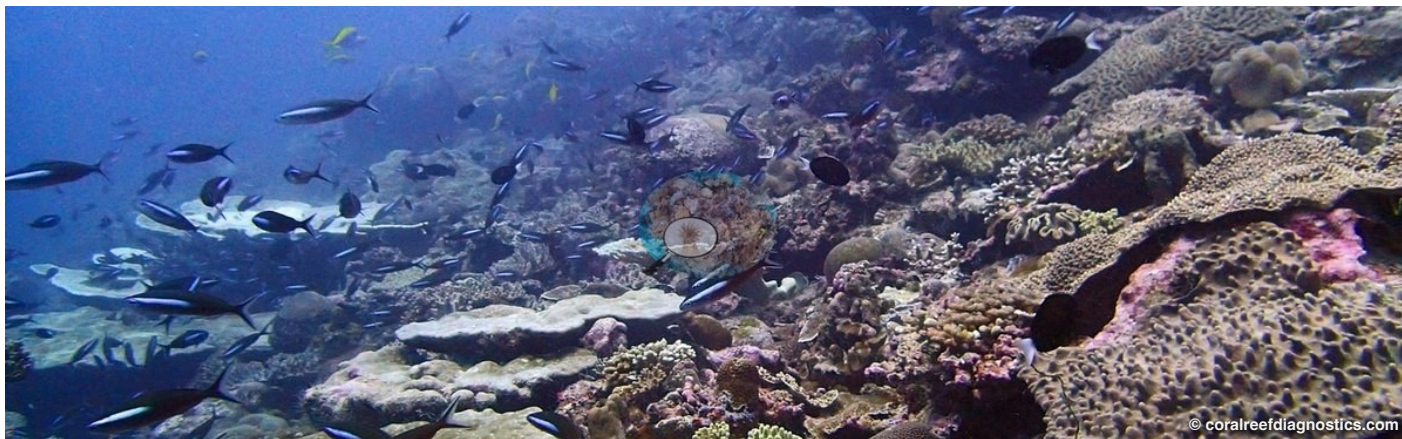


Chagos Archipelago - Blenheim (BIBL83)

Blenheim · surveyed 2015-04-22



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. The written account of the site is a review of its photographs (16 frames), not a second survey.

HARD CORAL COVER

33%

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

30.2 m

dive-log maximum

WATER TEMP. (SURVEY)

29.7°C

+0.6°C vs the 2015 mean sea temperature (29.1°C)

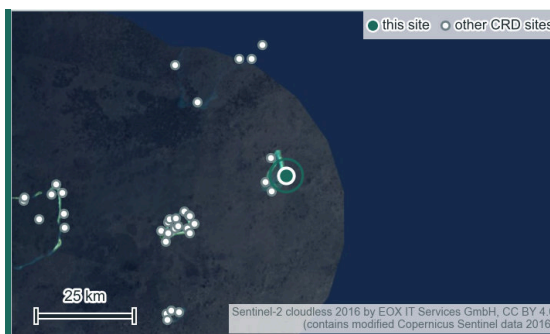
PHOTOGRAPHS

16

on file for this site

POSITION

-5.2186, 72.4926



This Blenheim site (33% coral cover) runs from a rich, structurally complex shallow reef - plating and massive *Porites* domes, small *Acropora*, abundant crustose coralline algae - down onto a hazier, lower-relief deep slope. A hawksbill turtle was photographed resting on the reef across several frames, and no bleaching, disease, or crown-of-thorns was seen. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 33.1 · [CoralNet](#) 25.6 · In-house DINOv3 24.7 · CoralSCOP edited 40.7 · Claude 23.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 16 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-blenheim-bibl83.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.