

Chagos Archipelago - Blenheim (BIBL82)

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.

HARD CORAL COVER

38%

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)

29.8°C

+0.7°C vs the 2015 mean sea temperature (29.1°C)

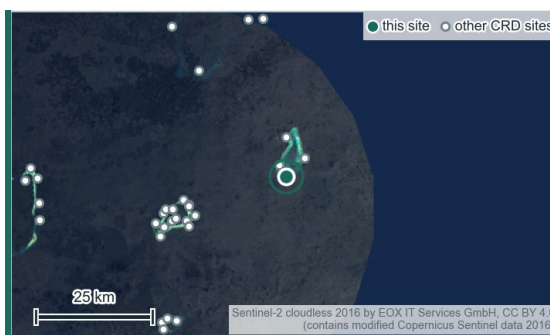
PHOTOGRAPHS

25

on file for this site

POSITION

-5.2543, 72.4572



This Blenheim forereef carries 38% coral cover, with bleaching limited mostly to branching *Acropora* and *Pocillopora* colonies while massive and meandroid corals stayed fully pigmented. Fish life includes Moorish idols, bannerfish, and fusilier schools typical of a healthy, unfished reef. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 37.9 · [CoralNet](#) 27.6 · In-house DINOv3 26.1 · CoralSCOP edited 35.8 · Claude 28.3

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 25 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-blenheim-bibl82.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.