

# Chagos Archipelago - Salomons Island (BISA92)

Salomon · surveyed 2015-04-25



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, not a second survey.

HARD CORAL COVER

**25%**

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)

**29.8°C**

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

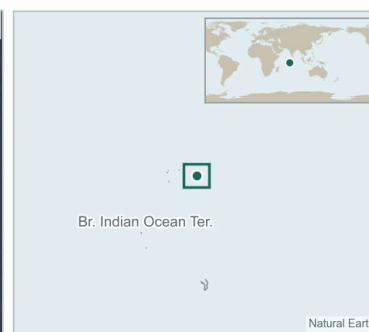
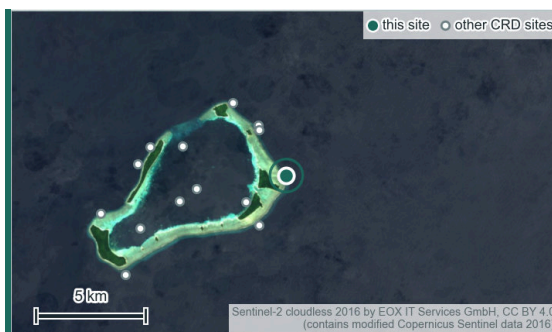
PHOTOGRAPHS

**44**

on file for this site

POSITION

**-5.3289, 72.2800**



The deepest site in the Chagos 2015 set (34 m), an exposed wall that is grand to look at but held together more by sponges, sea squirts, meter-wide sea fans, and black wire corals than by coral (25% cover, though 31 genera). Pale-to-white branching colonies and two anemones with stark-white tentacles point to genuine heat stress. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



**CV model comparison (hard-coral cover, %):** Transect (published) 24.5 · [CoralNet](#) 29.4 · In-house DINOv3 25.6 · CoralSCOP edited 29.0 · Claude 18.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 44 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa92.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.