

# Chagos Archipelago - Salomons Island (BISA97)

Salomon · surveyed 2015-04-26



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

**54%**

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

**15.5 m**

dive-log maximum

WATER TEMP. (SURVEY)

**30.8°C**

+1.7°C vs the 2015 mean sea temperature (29.1°C)

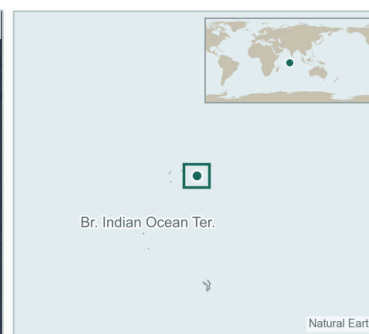
PHOTOGRAPHS

**18**

on file for this site

POSITION

**-5.3168, 72.2373**



A high-cover Salomon reef (54.4%) with some of the lowest algae in the archipelago and 28 coral genera: *Acropora* leads in the shallows, while deeper down *Porites*, *Goniopora*, and *Merulina* share the reef. Compact branching colonies, massive heads, and table fields pack the bottom with little open sand. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 54.4 · [CoralNet](#) 51.1 · In-house DINOv3 49.7 · CoralSCOP edited 29.4 · Claude 51.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 18 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa97.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.