

Chagos Archipelago - Salomons Island (BISA88)

Salomon · surveyed 2015-04-23



© coralreefdiagnostics.com



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

57%

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

20.5 m

dive-log maximum

WATER TEMP. (SURVEY)

30.7°C

+1.6°C vs the 2015 mean sea temperature (29.1°C)

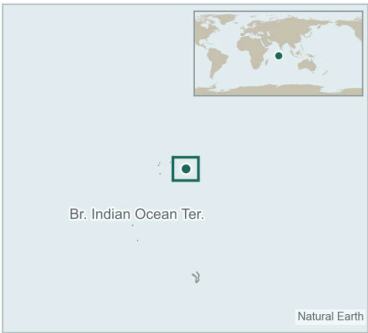
PHOTOGRAPHS

19

on file for this site

POSITION

-5.3393, 72.2361



A shallow (15 m) sheltered lagoon patch reef inside Salomon, the warmest site in its group at 30.7°C, almost fully covered in coral (56.7%) with 32 genera, including unusually abundant *Lobophyllia* and free-living mushroom corals. Several sharply white colonies stand out amid the dense, high-relief mix (12% bleached). Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



© coralreefdiagnostics.com



© coralreefdiagnostics.com

CV model comparison (hard-coral cover, %): Transect (published) 56.7 · [CoralNet](#) 45.8 · In-house DINOv3 54.1 · CoralSCOP edited 43.4 · Claude 42.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 19 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa88.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.