

Chagos Archipelago - Salomons Island (BISA107)

Salomon · surveyed 2015-04-30



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

30.8 m

dive-log maximum

WATER TEMP. (SURVEY)

29.3°C

+0.2°C vs the 2015 mean sea temperature (29.1°C)

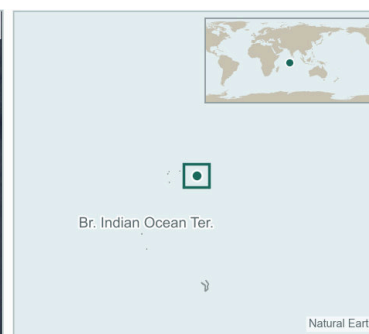
PHOTOGRAPHS

47

on file for this site

POSITION

-5.3102, 72.2689



A deep (35 m) exposed forereef outside Salomon atoll paved with the thickest crust of pink coralline algae of any Chagos site, with *Acropora* and *Stylophora* at 25% cover. The most actionable find was an abandoned fishing net draped across live coral inside the BIOT no-take marine protected area; three sharks and a spiny lobster were also seen. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 24.6 · [CoralNet](#) 18.0 · In-house DINOv3 20.6 · CoralSCOP edited 21.7 · Claude 18.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 47 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa107.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.