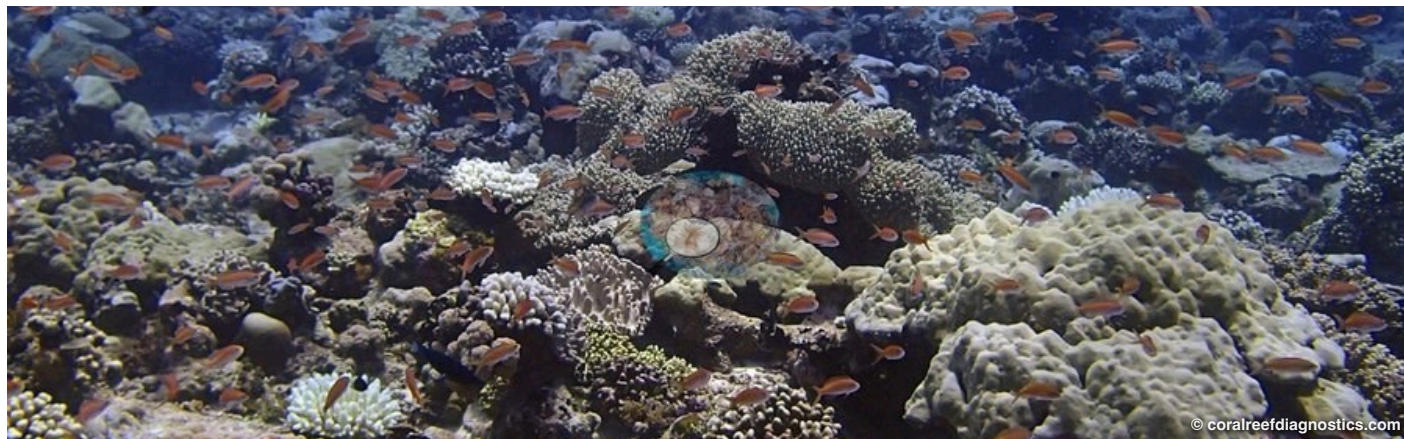


Chagos Archipelago - Salomons Island (BISA104)

Salomon · surveyed 2015-04-29



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

36%

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

30.7 m

dive-log maximum

WATER TEMP. (SURVEY)

30.2°C

+1.1°C vs the 2015 mean sea temperature (29.1°C)

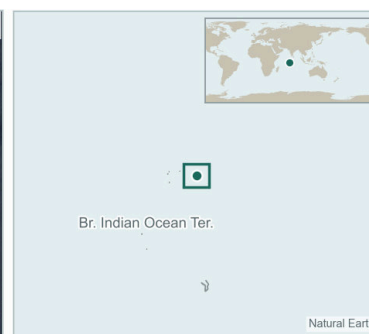
PHOTOGRAPHS

16

on file for this site

POSITION

-5.3083, 72.2686



An exposed Salomon forereef defined by its condition: at 31.5% bleached, it ranks second-worst of 98 Chagos sites, and the photos back that up emphatically. It is also the richest site in its batch, with 29 coral genera, and unusually *Acropora* takes over from *Porites* at the deepest, highest-cover transect. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 36.2 · [CoralNet](#) 44.2 · In-house DINOv3 45.6 · CoralSCOP edited 41.0 · Claude 35.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 16 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa104.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.