

Chagos Archipelago - Salomons Island (BISA93)

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

39%

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

30.9 m

dive-log maximum

WATER TEMP. (SURVEY)

30.0°C

+0.9°C vs the 2015 mean sea temperature (29.1°C)

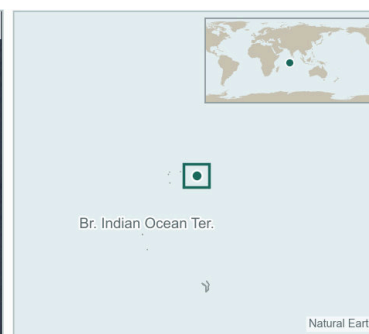
PHOTOGRAPHS

38

on file for this site

POSITION

-5.2993, 72.2579



A seaward Salomon forereef at 30 m with 34 coral genera, among the most diverse in Chagos and including the endemic *Ctenella*, plus sea fans, black whip corals, and barrel sponges. Its published bleaching figure is 11.9%, but the photos look considerably worse, with whitening in most frames, including a massive dome bleached across exactly half its surface. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 39.1 · [CoralNet](#) 38.7 · In-house DINOv3 26.4 · CoralSCOP edited 26.4 · Claude 33.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 38 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa93.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.