

Chagos Archipelago - Salomons Island (BISA102)

Salomon · surveyed 2015-04-28



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

31%

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

29.7 m

dive-log maximum

WATER TEMP. (SURVEY)

29.7°C

+0.6°C vs the 2015 mean sea temperature (29.1°C)

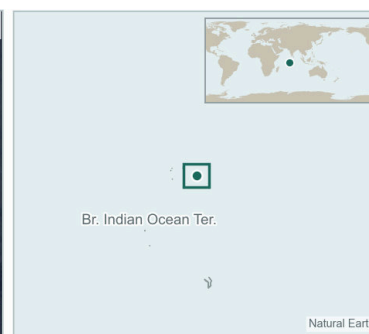
PHOTOGRAPHS

43

on file for this site

POSITION

-5.3694, 72.2138



A deep (33 m) exposed forereef outside Salomon atoll where anemones with anemonefish, soft corals, sponges, gorgonians, and giant clams cover slightly more ground than the coral itself (30.9%). Bleaching ranked among the worst in Chagos (19.2%), with stark-white colonies beside pigmented ones, and a silvertip-type shark, two giant morays, and an octopus were photographed. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) **30.9** · [CoralNet](#) 31.1 · In-house DINOv3 30.1 · CoralSCOP edited 34.4 · Claude 21.5

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 43 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-salomons-island-bisa102.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.