

Chagos Archipelago - South Brother (BITB34.5)

South Brother · surveyed 2015-03-19



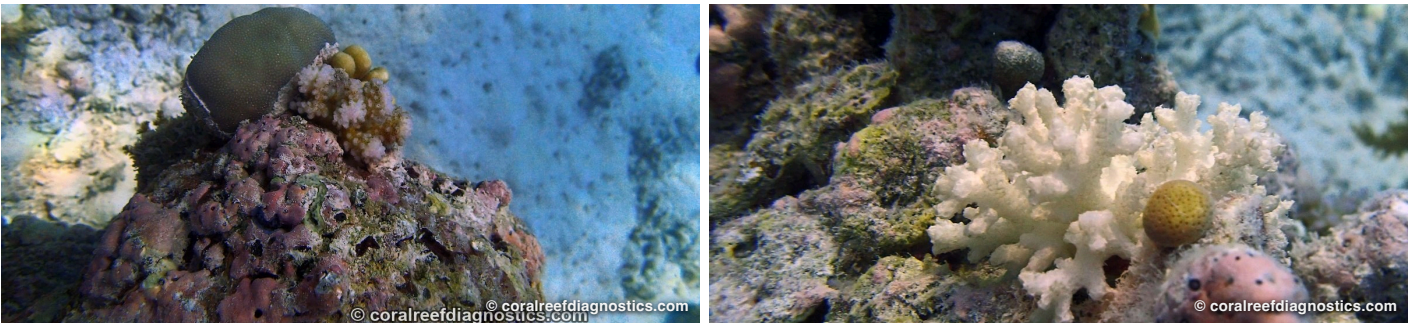
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What was done. The figure comes from point annotation of this site's photographs in [CoralNet](#) — a photographic point count, published, not a diver transect.

HARD CORAL COVER 47% Point-intercept photo analysis (CoralNet)	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 10.2 m dive-log maximum	WATER TEMP. (SURVEY) — not logged	PHOTOGRAPHS 3 on file for this site
POSITION -6.1669, 71.5489		

A small, unsurveyed patch at South Brother with no transect of its own, best read alongside the neighboring station dived the same day, which carried 61% coral cover and 31 genera. Its photographs show a large golden-olive table coral with healthy pale growing tips, clouds of chromis, and a humbug damselfish. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): [CoralNet](#) 47.2 · In-house DINOv3 53.3 · CoralSCOP edited 33.4 · Claude 21.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 3 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-chagos-archipelago-south-brother-bitb34-5.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.