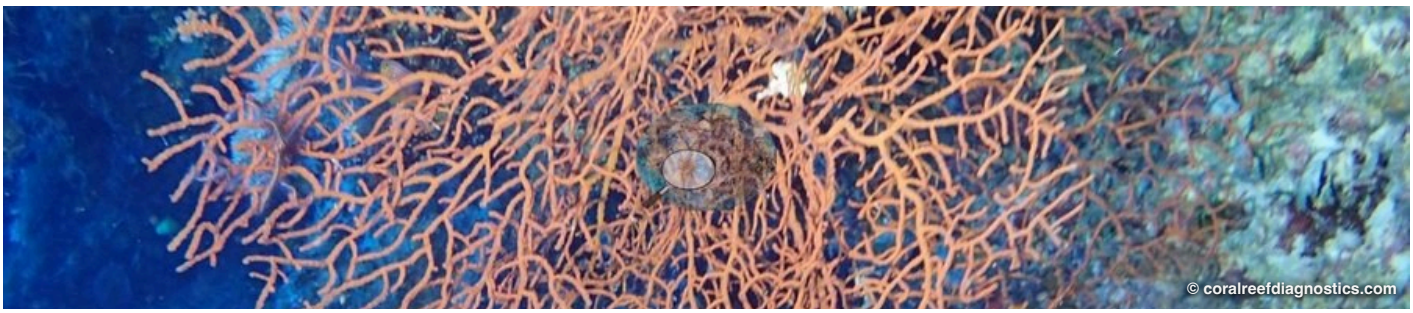
Fiji - Tuvuca (FJTV41)

surveyed 2013-06-17



0 — 5

Coral Health Index: TBD

Outlier score: 5.00/5 (Tuvuca, n = 8 corals with an outlier score). The share of those corals whose molecular stress profile was an outlier, rescaled to 0-5 (5 = no outliers); an island-level measure (Mayfield et al. 2017), not a Coral Health Index.

What was done. Coral cover here was measured on in-situ benthic transects run by divers on the Living Oceans Foundation Global Reef Expedition over 5 transects — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs (43 of the 56 frames on file) and of the author's dive notes, not a second survey.

HARD CORAL COVER
28%
Benthic transects+photo-quadrats

MOST RECENT HEAT LOAD RECORD
25.8°C **0.0°C-weeks**
26 Oct 2026 · -1.9°C vs the past-365-day mean (27.7°C) · NOAA No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

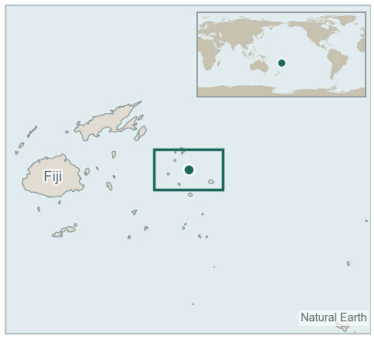
MAX. DEPTH
31.4 m
dive-log maximum

WATER TEMP. (SURVEY)
26.8°C
CTD-cast midpoint; the cast read 26.8°C throughout
-0.9°C vs the 2013 mean sea temperature (27.7°C)

PHOTOGRAPHS
50 in the gallery · 56 on file

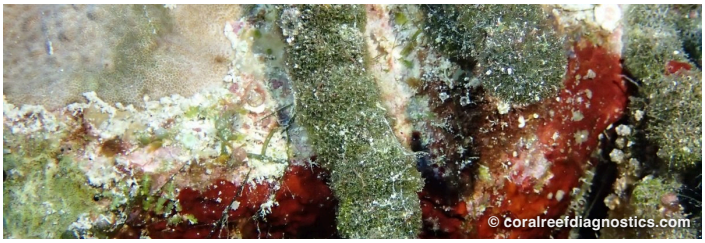
POSITION
-17.6498, -178.8354
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A deep, steep, current-swept wall off Tuvuca dominated not by stony coral but by a forest of gorgonians: huge golden, green, magenta, and orange-red sea fans and bushy pink soft-coral trees. The stony corals are mostly ruffled plates stacked in tiers, with some staghorn, at 28% cover. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na bati ni cakau e titobu ka tu dodonu mai Tuvuca, ka kaukauwa kina na ia ni wasawasa (current-swept), e sega ni liu kina na lase dina ia na veikau ni gorgonian (forest of gorgonians): na iri ni wasawasa (sea fans) levu sara e roka koula, drokadroka, magenta, kei na damudamu-oranse, kei na lase malumu (soft-coral) e vaka na kau e roka (pink). Na lase dina e levu ga na lase vakaiteba vakaimumu (ruffled) ka veitabaki vakaikabakaba, kei na vica na staghorn, ka 28% na ubi ni lase (coral cover). *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 50 in the gallery · 56 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-tuvuca-fjtv41.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 (Fiji) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.