Fiji - Vanua Balavu (FJVB67)

surveyed 2013-06-25



0 — 5

Coral Health Index: TBD

Outlier score: 3.89/5 (Vanua Balavu, n = 18 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 4 transects — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs (12 frames) and of the author's dive notes, not a second survey.

HARD CORAL COVER
22%
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

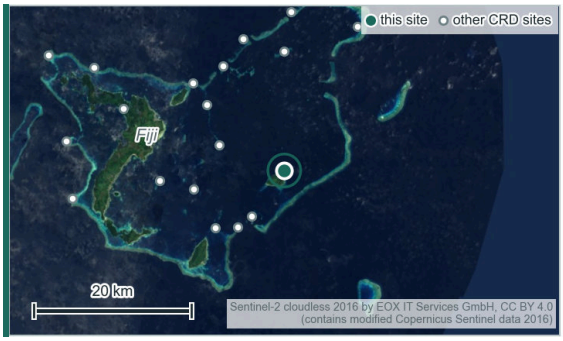
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
22.6 m
dive-log maximum

WATER TEMP. (SURVEY)
26.8°C
CTD-cast midpoint; the cast read 26.8°C throughout
-1.0°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
12 in the gallery · 12 on file

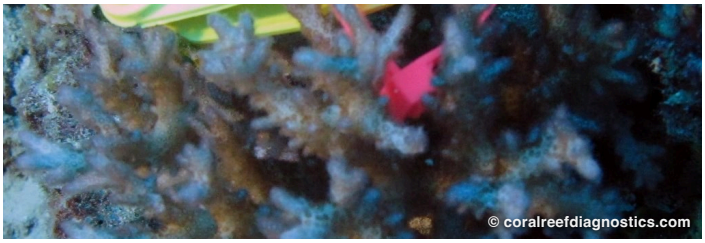
POSITION
-17.2709, -178.7774
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Vanua Balavu site photographed only in close-up, featuring a *Porites* colony studded with colorful Christmas tree worms, a host anemone with its anemonefish, and the find of the dive, a large triton's trumpet shell. The one colony Anderson sampled here was flagged as a physiological stress outlier in a 2017 study, and cover was 22%. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua e Vanua Balavu a taba voleka ga, e vakaraitaki kina e dua na lase *Porites* e vakaiukuuku ena ulo (Christmas tree worms) e roka vakaidina, e dua na anemone kei na nona ika (anemonefish), kei na ka e kunei vinaka duadua ena nunu, e dua na davui levu (triton's trumpet shell). Na dua ga na lase a taura kina na ivakaraitaki ko Anderson eke a vakaraitaki me duatani ena leqa vakayago (physiological stress outlier) ena dua na vakadidike ni 2017, ka 22% 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; 12 in the gallery · 12 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb67.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.