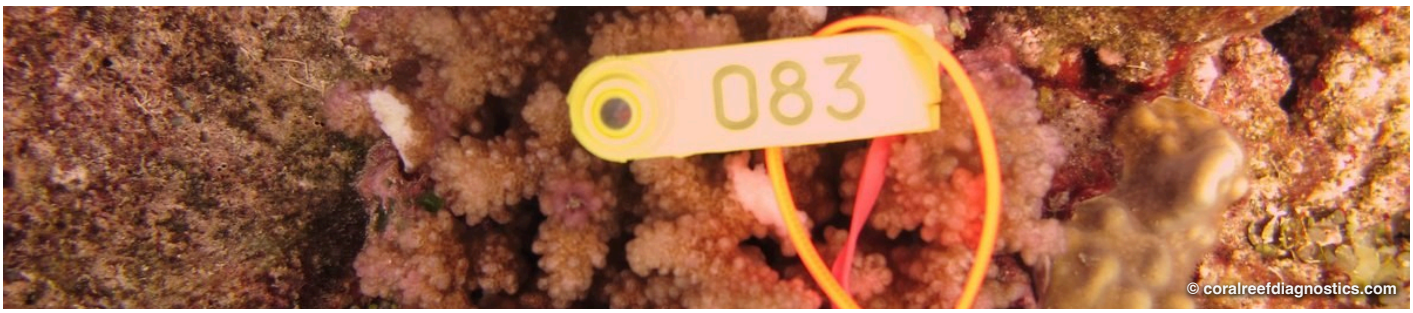
Fiji - Vanua Balavu (FJVB53)

surveyed 2013-06-21



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, the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER
25%
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

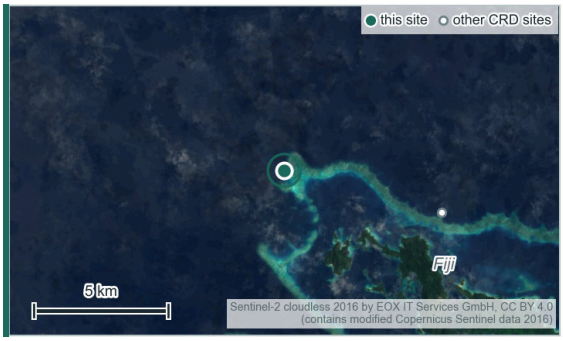
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
15.2 m
dive-log maximum

WATER TEMP. (SURVEY)
27.3°C
CTD-cast midpoint; the cast read 27.3°C throughout
-0.6°C vs the 2013 mean sea temperature (27.9°C)

PHOTOGRAPHS
12 in the gallery · 17 on file

POSITION
-17.1394, -179.0600
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Vanua Balavu site known only from close-ups of coral sampling, with tagged branching colonies being clipped among coralline crusts, red turf, and green segmented algae. Cover is 25%, with algae covering about half the reef, and two of the three colonies Anderson sampled were partly bleached (30% and 50%). Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua e Vanua Balavu e kilai ga mai na itaba taba voleka ni kena taura na ivakaraitaki ni lase, ka koti tiko na lase vakatabataba e vakatakilakilataki (tagged) ena maliwa ni lumi vakalase (coralline crusts), lumi lekaleka damudamu (red turf), kei na lumi drokadroka vakaikabakaba (green segmented algae). Na ubi ni lase (coral cover) e 25%, ka ubia na lumi e rauta ni veimama ni cakau, ka rua vei ira na tolu na lase a taura kina na ivakaraitaki ko Anderson e vulavula vakalailai (partly bleached) (30% kei na 50%). *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 · 17 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb53.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.