Fiji - Vanua Balavu (FJVB55)

surveyed 2013-06-22



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 6 transects — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs (21 frames), the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER
29%
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

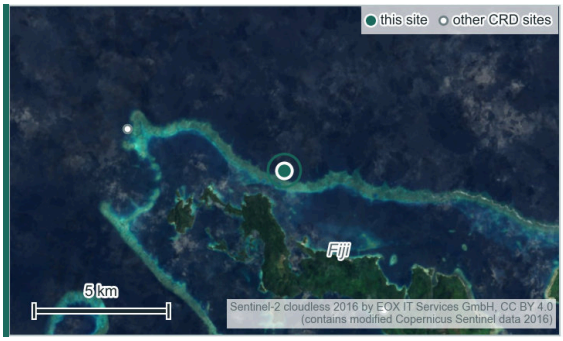
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
31.4 m
dive-log maximum

WATER TEMP. (SURVEY)
27.1°C
-0.8°C vs the 2013 mean sea temperature (27.9°C)

PHOTOGRAPHS
21 in the gallery · 21 on file

POSITION
-17.1534, -179.0049
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Vanua Balavu reef (dived to 31.4 m) of low pavement and pale rubble, where a whitetip reef shark cruised, at 29% cover. One photo shows a healthy massive dome, which Anderson left unidentified, crowded by blue-green sea squirts, and a large jellyfish drifted just off the bottom. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Vanua Balavu (a nunu kina ki na 31.4 m) ni vatu raraba (pavement) e sega ni cecere kei na tikitiki ni lase mate (rubble) e vulavula vakalailai, e qalo voli kina e dua na qio (whitetip reef shark), ka 29% na ubi ni lase (coral cover). E dua na itaba e vakaraitaka e dua na ulu ni lase levu (massive) e bula vinaka, ka sega ni vakatakilai ko Anderson na kena mataqali, e vakavolivoliti ena sea squirt e roka karakarawa-drokadroka, ka dua na jellyfish levu e ciri voli ena dela ni botoni. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 21 in the gallery · 21 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb55.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.