Fiji - Vanua Balavu (FJVB54)

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
37%
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

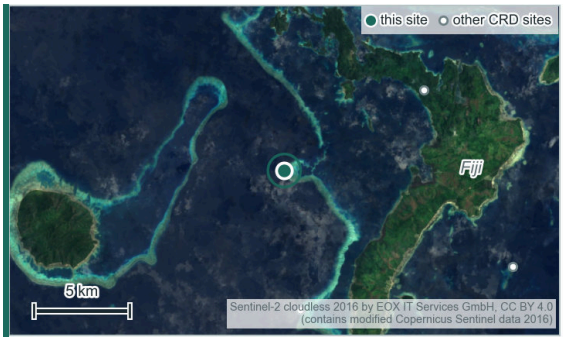
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
26.2 m
dive-log maximum

WATER TEMP. (SURVEY)
27.1°C
CTD-cast midpoint; the cast read 27.1°C throughout
-0.7°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
4 in the gallery · 4 on file

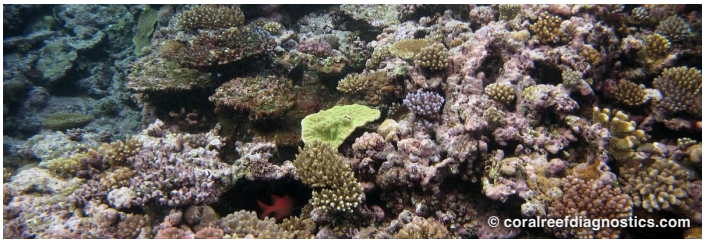
POSITION
-17.2376, -179.0386
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Vanua Balavu reef known from three photographs: tiered plate and table *Acropora* among dense branching colonies, one of them conspicuously lavender, over pink coralline-cemented pavement, at 37% cover. A fourth frame shows a large fish, which Anderson identified as a dogtooth tuna, crossing open blue water. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Vanua Balavu e kilai mai na tolu na itaba: na *Acropora* vakaiteba kei na vakatepeli e veitabaki ena maliwa ni lase vakatabataba e vonu tu, e dua vei ira e roka (lavender) vakaidina, ena dela ni vatu raraba e vakadeitaki ena lumi vakalase (coralline) e roka (pink), ka 37% na ubi ni lase (coral cover). Na ikava ni itaba, e vakaiyacataka ko Anderson me dogtooth tuna, e vakaraitaka e dua na ika levu e qalo sivita na wasawasa karakarawa. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 4 in the gallery · 4 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb54.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.