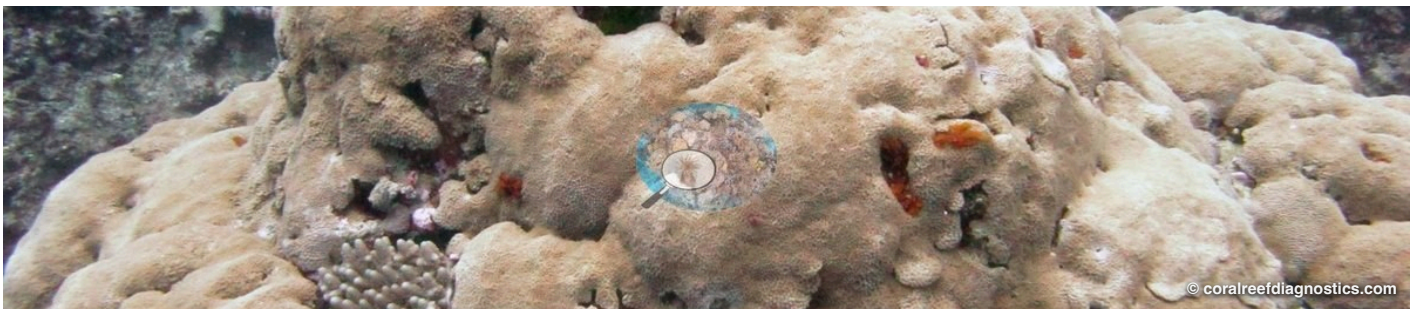
Fiji - Vanua Balavu (FJVB69)

surveyed 2013-06-26



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 and of the author's dive notes, not a second survey.

HARD CORAL COVER
9.0%
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

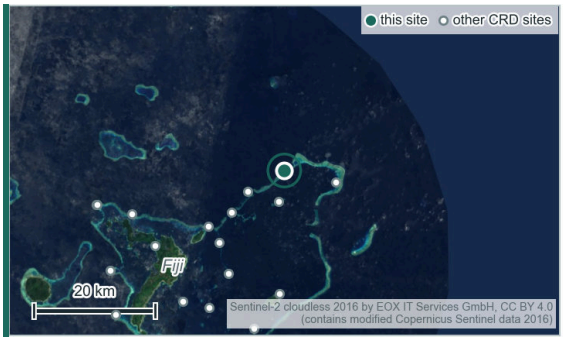
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

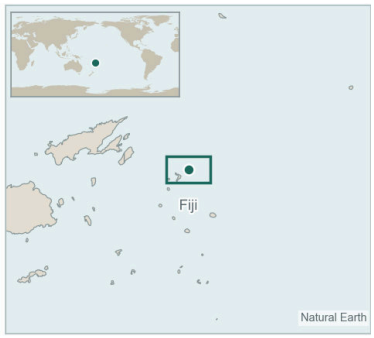
MAX. DEPTH
30.8 m
dive-log maximum

WATER TEMP. (SURVEY)
26.8°C
CTD-cast midpoint; the cast read 26.8°C throughout
-1.1°C vs the 2013 mean sea temperature (27.9°C)

PHOTOGRAPHS
5 in the gallery · 5 on file

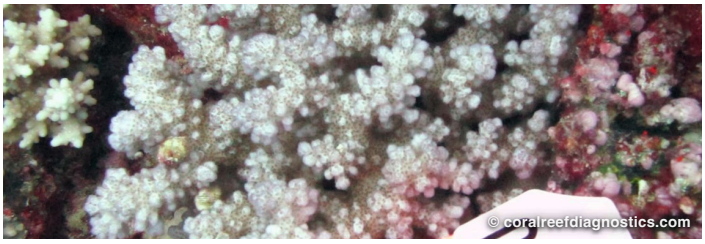
POSITION
-17.0895, -178.7692
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Vanua Balavu reef (dived to 30.8 m) where algae of all kinds cover nearly 90% of the benthos (turf and coralline crust about 60%) and live coral just 9.0%. A weathered *Diploastrea* boulder (Anderson's identification) carries three small colonies on its surface, and a green sea turtle drifted over the rocky terrain. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Vanua Balavu (a nunu kina ki na 30.8 m) ka ubia na veimataqali lumi kece e voleka ni 90% ni botoni ni waitui (benthos) (lumi lekaleka (turf) kei na lumi vakalase (coralline crust) e rauta ni 60%) ka 9.0% ga na lase bula. E dua na vatu levu ni *Diploastrea* sa makawa (e vakatakilai ko Anderson) e tu kina e tolu na lase lalai ena dakuna, ka dua na vonu (green sea turtle) e qalo sivita na vanua vatuvatu. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 5 in the gallery · 5 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb69.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.