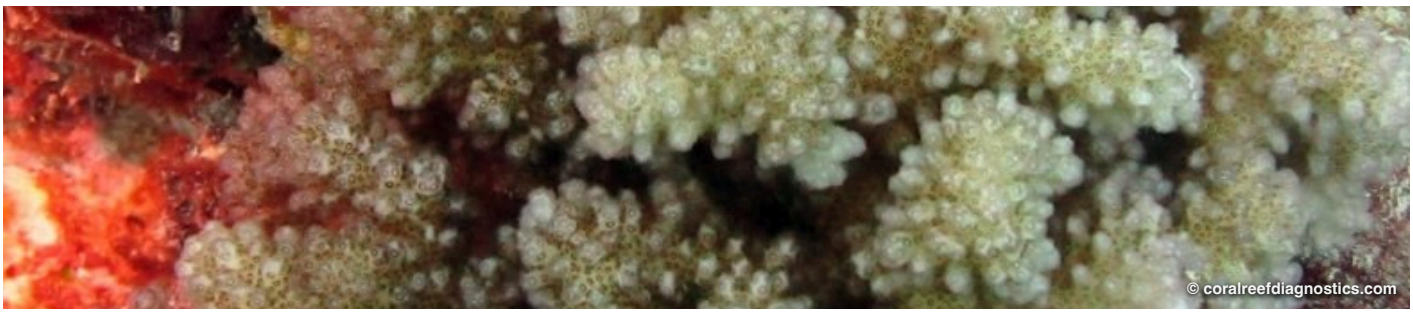
Fiji - Vanua Balavu (FJVB66)

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

HARD CORAL COVER

12%

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)

26.6°C

CTD-cast midpoint of 26.6–26.7°C

-1.2°C vs the 2013 mean sea temperature (27.8°C)

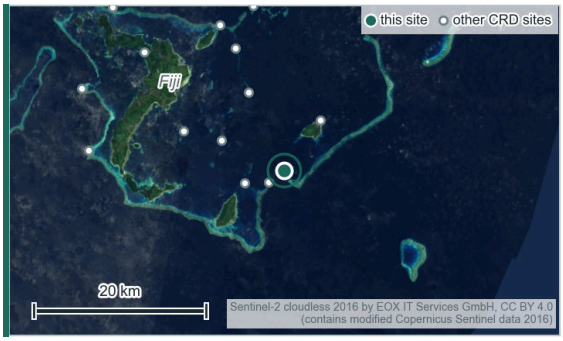
PHOTOGRAPHS

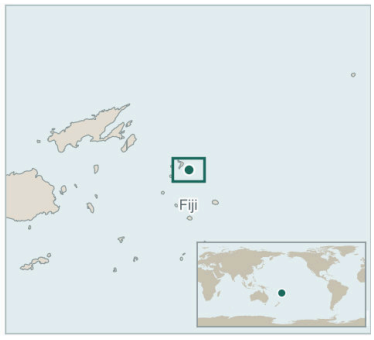
3 in the gallery · 4 on file

POSITION

-17.3234, -178.8167

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





A Vanua Balavu reef (dived to 30.8 m) with just 12% live coral against nearly 75% algae, where two of the three photographs shown here are close-ups of small tagged colonies that teammate Joao sampled, a pale lavender branching colony and a branching colony beside brilliant orange-red sponge. Both looked intact; Anderson also sampled two colonies here (F151, F152), and across Vanua Balavu 4 of the 18 sampled corals were flagged as physiological outliers. 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) e 12% ga na lase bula ni vakatauvatani kei na voleka ni 75% na lumi, ka rua vei ira na tolu na itaba e vakaraitaki eke e itaba taba voleka ni rua na lase lalai e vakatakilakilataki (tagged) a taura kina na ivakaraitaki na nona itokani ni cakacaka ko Joao, e dua na lase vakatabataba e roka (pale lavender) kei na dua na lase vakatabataba e voleka ni sponge e roka damudamu-oranse vakaidina. E rairai bula vinaka ruarua; e rua tale ga na lase a taura kina na ivakaraitaki ko Anderson eke (F151, F152), ka ena Vanua Balavu taucoko e 4 vei ira na 18 na lase a taura kina na ivakaraitaki era a vakatakilakilataki me physiological outlier. *AI translation of this summary; the English is authoritative. (low confidence)*



Photographs: Anderson Mayfield/Coral Reef Diagnostics — 2 on this card; 3 in the gallery · 4 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb66.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.