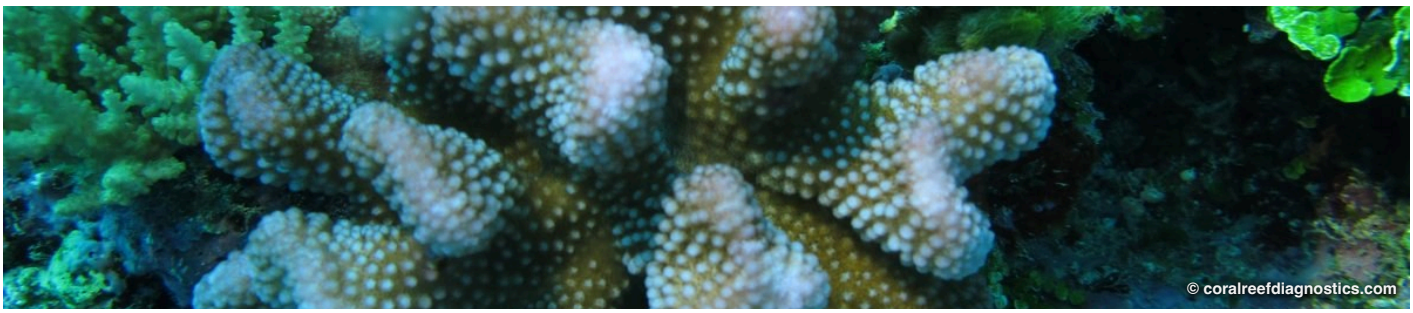
Fiji - Vanua Balavu (FJVB56)

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 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
16%
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

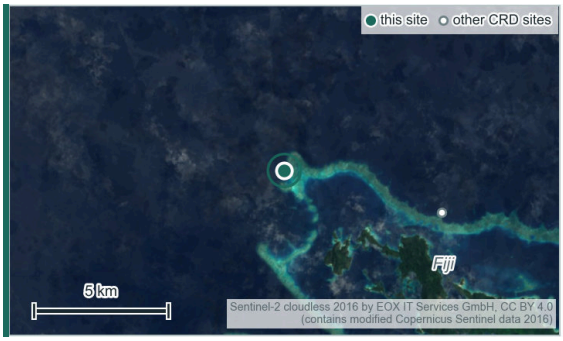
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
16.5 m
dive-log maximum

WATER TEMP. (SURVEY)
27.0°C
-0.9°C vs the 2013 mean sea temperature (27.9°C)

PHOTOGRAPHS
1 in the gallery · 3 on file

POSITION
-17.1395, -179.0599
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A heavily algae-dominated Vanua Balavu reef with just 16% coral cover against about 80% algae, where the one photo shown here is of a small, healthy tagged branching colony (one sampled by teammate Joao) hemmed in by green macroalgae and segmented green calcareous algae. It captures the survey numbers well: individual corals holding small patches of rock on a reef taken over by algae. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Vanua Balavu e liu vakalevu kina na lumi, e 16% ga na ubi ni lase (coral cover) ni vakatauvatani kei na rauta ni 80% na lumi, ka na itaba e dua e vakaraitaki eke e baleta e dua na lase lalai vakatabataba e bula vinaka ka vakatakilakilataki (tagged) (e dua a taura kina na ivakaraitaki na nona itokani ni cakacaka ko Joao) e vakavolivoliti ena lumi drokadroka (macroalgae) kei na lumi drokadroka vakaikabakaba vakalase (segmented green calcareous algae). E vakaraitaka vinaka na iwiliwili ni vakadidike: na lase yadudua e taura tiko na vanua lalai ni vatu ena dua na cakau sa taura na lumi. *AI translation of this summary; the English is authoritative. (low confidence)*

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 on this card; 1 in the gallery · 3 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb56.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.