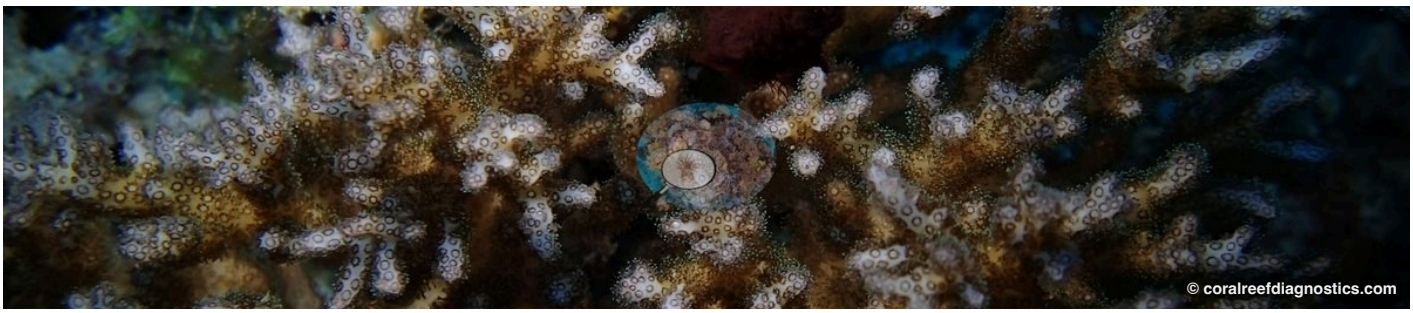
Fiji - Vanua Balavu (FJVB52)

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 5 transects — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs (21 of the 26 frames on file) and of the author's dive notes, not a second survey.

HARD CORAL COVER
47%
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

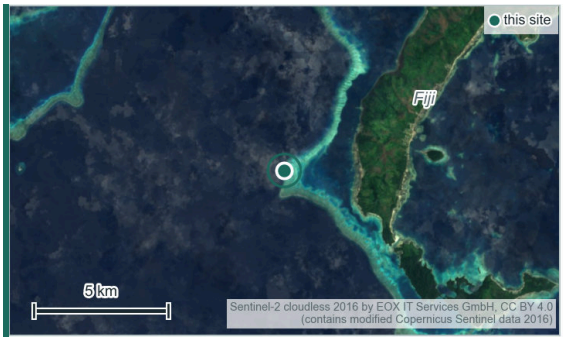
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
30.2 m
dive-log maximum

WATER TEMP. (SURVEY)
27.2°C
-0.6°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
25 in the gallery · 26 on file

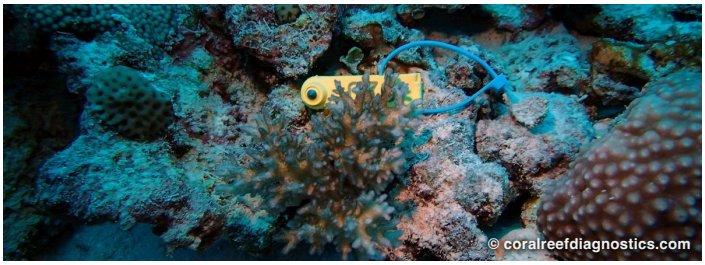
POSITION
-17.3028, -179.0309
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).

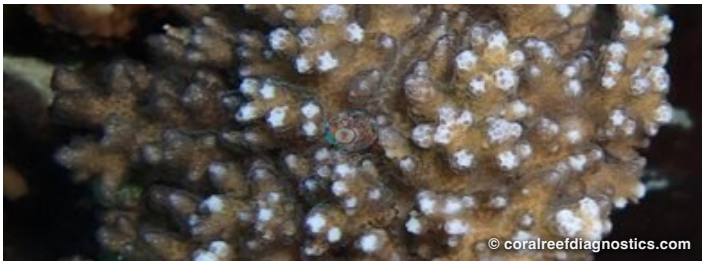




A steep slope edge off Vanua Balavu whose shoulder is densely built with nearly every *Acropora* growth form, from pale tables jutting over the drop to staghorn stands and corymbose cushions, mixed with smooth tan massive boulders. Clouds of damselfish, chromis, and anthias hang off the face, and cover is 47%. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na bati ni baba titobu mai Vanua Balavu, ka na kena tabana e buli vakaidina ena voleka ni veimataqali ivakarau ni tubu (growth forms) kece ni *Acropora*, mai na lase tepeli vulavula vakalailai e dremo tu ena dela ni titobu ki na staghorn kei na lase vakaveitabaki (corymbose) vakaiyavu, veiwaki kei na lase levu vakavatu (massive) savasava e roka (tan). Na ilawalawa levu ni ika damselfish, chromis, kei na anthias e tu ena bati ni cakau, ka 47% na ubi ni lase (coral cover). *AI translation of this summary; the English is authoritative. (low confidence)*





CV model comparison (hard coral cover, %): Transect mean (all transects) 47.4 · CoralSCOP edited 34.0* · Claude (edited photos) 38.6* The two computer-vision methods agree within 4.6 pp (34.0–38.6%) and read 8.8–13.4 pp below the in-water transect (47.4%); the headline is the in-water transect because a diver transect is independent of the photographs. *Based on only 11 reef-habitat photos; this estimate is less certain.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 25 in the gallery · 26 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb52.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.