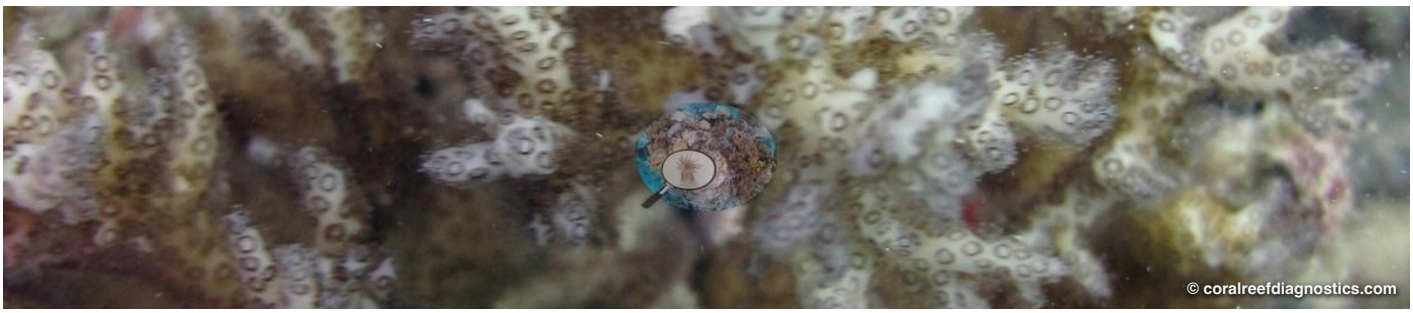
Fiji - Vanua Balavu (FJVB62)

2 visits, 2013-06-23 – 2013-06-24



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 (16 of the 25 frames on file), the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER
30%
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

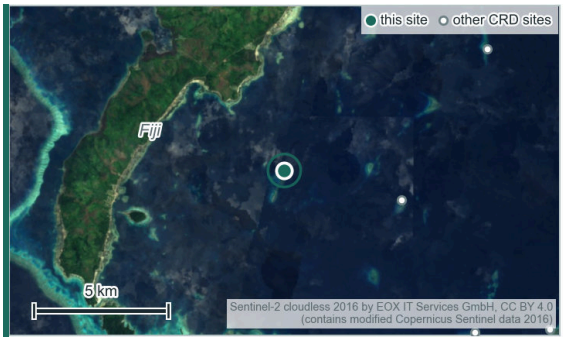
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
18.3 m
dive-log maximum

WATER TEMP. (SURVEY)
27.0°C
CTD-cast midpoint of 26.9–27.0°C
-0.8°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
24 in the gallery · 25 on file

POSITION
-17.2824, -178.9267
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).

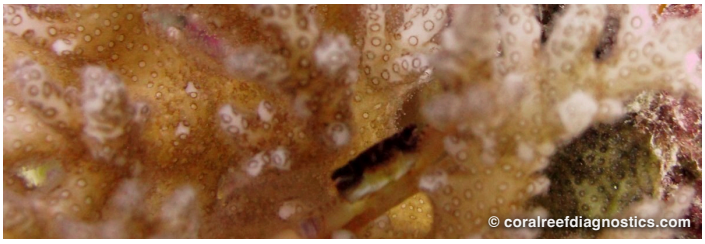




A Vanua Balavu site dived twice, with milky, silty water over sand and rubble patched with algae-crusted framework, and a reef shark cruising low. The close-ups are the highlight: a fully pigmented massive coral seen polyp by polyp and a large mauve anemone (Anderson's identification) ringed with pale tentacles, at 30% cover. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua e Vanua Balavu a nunu kina vakarua, e vulavula vakasusu ka veidrukai na wai ena dela ni nuku kei na tikitiki ni lase mate (rubble) e veitawasei ena ivakatudei e ubi ena lumi, kei na dua na qio (reef shark) e qalo voli e ra. Na itaba taba voleka e ka vinaka duadua: e dua na lase levu (massive) e roka vinaka vakadua (fully pigmented) e raici vakapolyp, kei na dua na anemone levu e roka (mauve) (e vakatakilai ko Anderson) e vakavolivoliti ena tentacle vulavula, ka 30% na ubi ni lase (coral cover). *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 24 in the gallery · 25 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb62.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.