Fiji - Vanua Balavu (FJVB65)

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 (10 of the 12 frames on file), the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER
3.3%
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

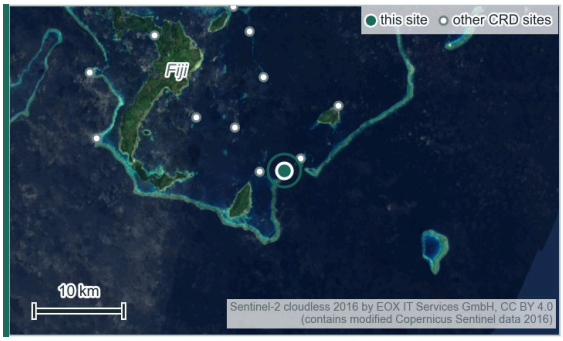
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
30.8 m
dive-log maximum

WATER TEMP. (SURVEY)
26.7°C
CTD-cast midpoint of 26.6–26.8°C
-1.1°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
12 in the gallery · 12 on file

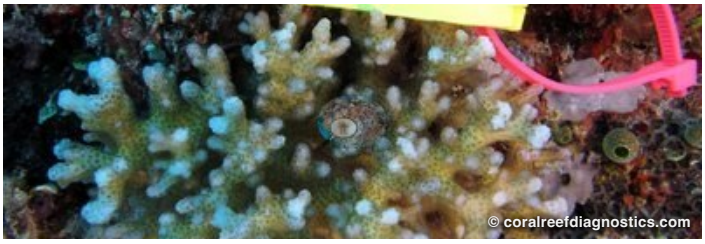
POSITION
-17.3355, -178.8337
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





White sand broken by low, algae-crusted rubble mounds with only a few small, widely spaced corals (3.3% cover) off Vanua Balavu. Close looks turned up a fine, unbleached bubble coral, a blue-lined white nudibranch, and, overhead, a manta ray gliding low over the sand. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. Nuku vulavula e veitawasei ena qele vakaibulubulu ni tikitiki ni lase mate (rubble) e ubi ena lumi ka sega ni cecere, kei na vica ga na lase lalai e veiyawaki (3.3% na ubi ni lase) mai Vanua Balavu. Ena kena raici voleka, a kunei e dua na bubble coral vinaka ka sega ni vulavula, e dua na nudibranch vulavula e tu kina na ituvatuva karakarawa, ka, ena dela, e dua na vai (manta ray) e qalo voleka ena dela ni nuku. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 12 in the gallery · 12 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/qre-fiji-vanua-balavu-fjvb65.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.