Fiji - Vanua Balavu (FJVB68)

surveyed 2013-06-26



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 and of the author's dive notes, 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

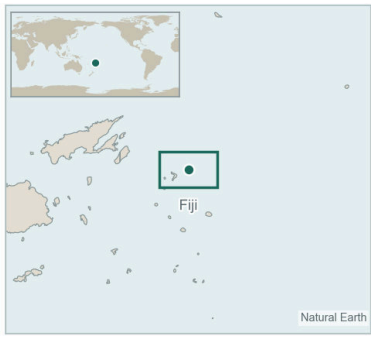
MAX. DEPTH
25.9 m
dive-log maximum

WATER TEMP. (SURVEY)
26.6°C
CTD-cast midpoint of 26.6–26.7°C
-1.3°C vs the 2013 mean sea temperature (27.9°C)

PHOTOGRAPHS
9 in the gallery · 9 on file

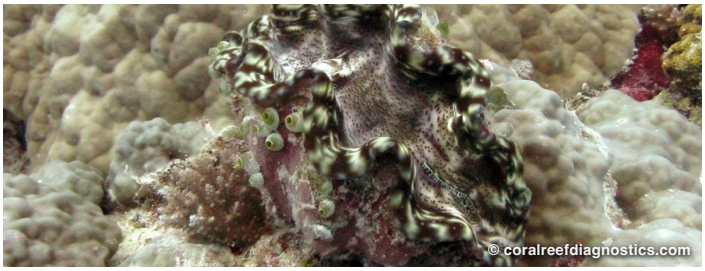
POSITION
-17.1066, -178.6897
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





On this dive (to 25.9 m), an unbroken field of fine-branched coral rolls over low mounds like clipped hedging, beside a large dark bommie. A giant clam with a marbled black, cream, and violet mantle sits wedged into a lobed massive colony, and cover is 30%. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. Ena nunu oqo (ki na 25.9 m), e dua na vanua raraba e sega ni musu ni lase vakatabataba lalai e toso ena dela ni qele lalai me vaka na bai ni kau e koti vinaka, voleka ni dua na vatu ni lase (bommie) levu ka loaloa. E dua na vasua e roka loaloa, cream, kei na violet vakaveiwaki na kena mantle e curu tu ena dua na lase levu (massive) vakaibulubulu (lobed), 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; 9 in the gallery · 9 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-vanua-balavu-fjvb68.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.