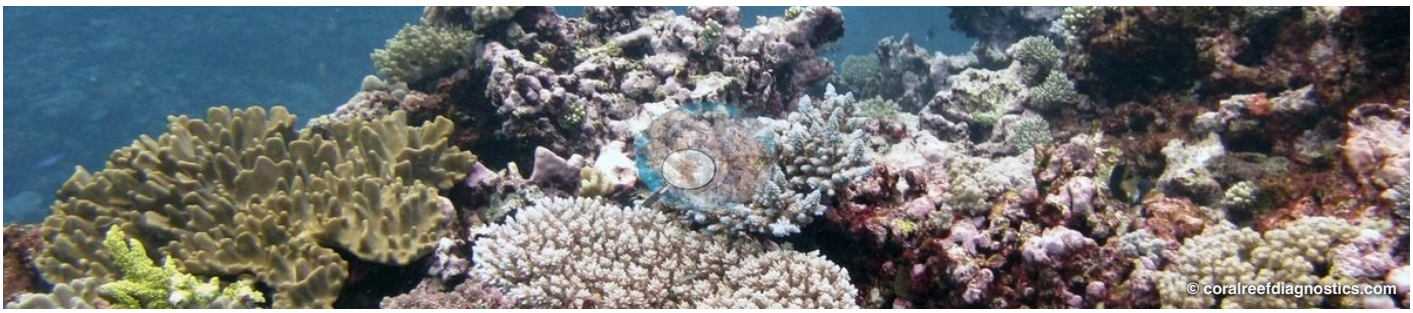
Fiji - Matuku (FJMT14)

surveyed 2013-06-07



0 — 5

Coral Health Index: TBD

Outlier score: 4.44/5 (Matuku, n = 9 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 (14 of the 15 frames on file) and of the author's dive notes, not a second survey.

HARD CORAL COVER
29%
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
18.6 m
dive-log maximum

WATER TEMP. (SURVEY)
26.8°C
CTD-cast midpoint of 26.7–26.8°C
-0.4°C vs the 2013 mean sea temperature (27.2°C)

PHOTOGRAPHS
13 in the gallery · 15 on file

POSITION
-19.1290, 179.7866
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A rise on Matuku's fore reef that Anderson recorded as the top of a small seamount, rolling into blue water, where small branching, table, and mounding corals and leathery soft corals sit on framework crusted with pink-red coralline algae that in places covers more ground than live coral does. A school of small blue-black fish streams over the crest, and cover is 29%. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua cecere ena yasana i tuba ni cakau (fore reef) e Matuku ka vola ko Anderson me dakuna ni dua na ulunivanua lailai e ruku ni wasawasa (seamount), e lutu sobu ki na wasawasa karakarawa, e tu kina na lase lalai vakatabataba, vakatepeli, kei na vakaulu (mounding) kei na lase malumu vakakuli (leathery soft corals) ena ivakatudei e ubi ena lumi vakalase (coralline algae) e roka (pink-red), ka ena so na vanua e levu cake na vanua e ubia mai na lase bula. E dua na ilawalawa ni ika lalai karakarawa-loaloa e qalo sivita na dakuna, ka 29% 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; 13 in the gallery · 15 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-matuku-fjmt14.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.