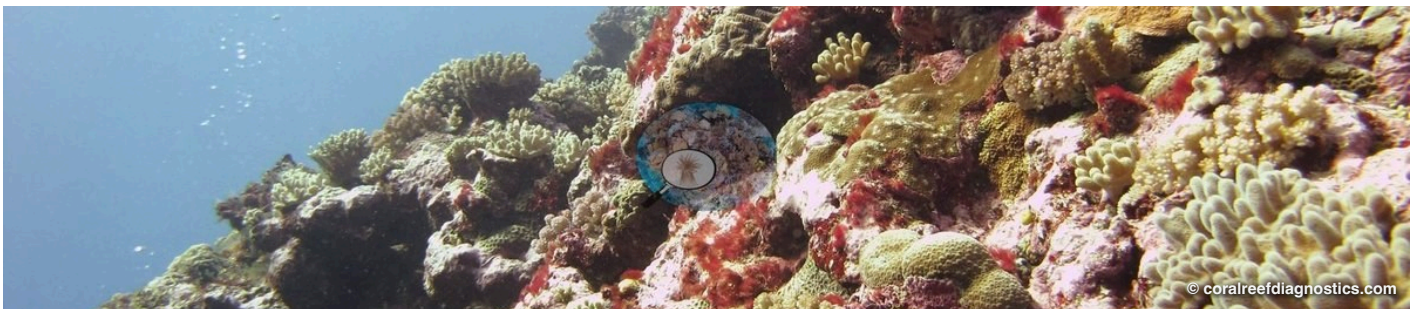
Fiji - Moala (FJML23)

surveyed 2013-06-10



0 — 5

Coral Health Index: TBD

Outlier score: 4.50/5 (Moala, n = 10 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 frames) 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

30.8 m

dive-log maximum

WATER TEMP. (SURVEY)

27.1°C

CTD-cast midpoint of 27.1–27.2°C

-0.3°C vs the 2013 mean sea temperature (27.4°C)

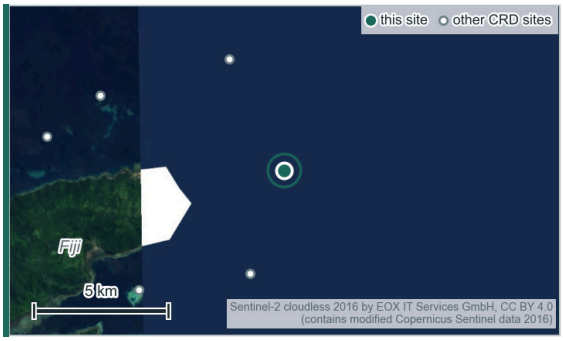
PHOTOGRAPHS

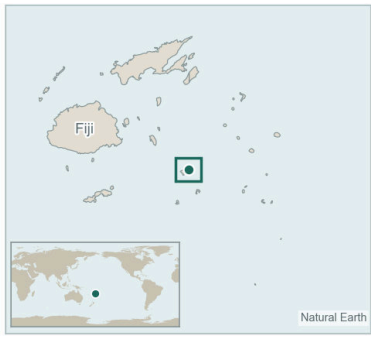
14 in the gallery · 14 on file

POSITION

-18.5575, 179.9851

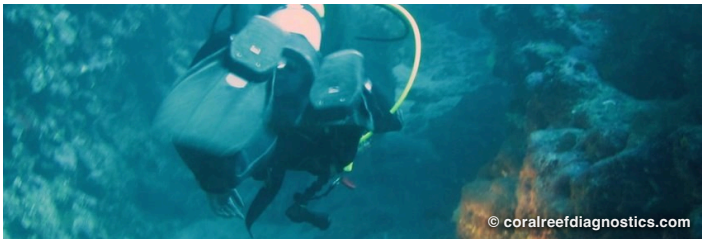
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A structurally dramatic Moala site defined by a narrow coral canyon, a steep-sided gully between near-vertical coral-crusted walls that divers can swim through. The surrounding reef is low, rugged framework with small corals, a giant clam, and a big, smooth olive-green *Porites* dome, at 29% cover. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua e Moala e veibuli vakaidina, e vakatakilakilataki ena dua na sala titobu ni lase (coral canyon) e rabailailai, e dua na qara balavu e titobu ena maliwa ni rua na bati e voleka ni tu dodonu ka ubi ena lase, e rawa ni ra qalo curu kina na dau nunu. Na cakau e wavokita e sega ni cecere, e veitaqataqa na kena ivakatudei, kei na lase lalai, e dua na vasua, kei na dua na ulu levu ni *Porites* e savasava ka roka (olive-green), 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; 14 in the gallery · 14 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/qre-fiji-moala-fjml23.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.