Fiji - Nayau (FJNA39)

surveyed 2013-06-16

0 — 5

Coral Health Index: TBD

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 drawn from the Global Reef Expedition's survey records and field reports.

HARD CORAL COVER

52%

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 (TEAM DIVE LOG)

16.2 m

expedition team log maximum (not Anderson's own dive)

WATER TEMP. (SURVEY)

27.2°C

CTD-cast midpoint of 27.1–27.2°C

-0.5°C vs the 2013 mean sea temperature (27.7°C)

PHOTOGRAPHS

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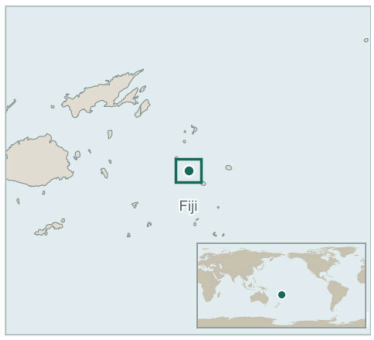
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POSITION

-17.9759, -179.0767

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





A classic spur-and-groove reef on Nayau's northwest side, with the best coral on top of the spurs and grooves scoured and filled with coral rubble, at 52% cover. The survey team's notes for Nayau's three stations describe *Acropora* build-ups with *Tydemania* macroalgae creeping up their sides and *Drupella* snails on several colonies. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau vakaivakarau ni spur-and-groove dina ena yasana i vualiku-i-ra i Nayau, e tiko na lase vinaka duadua ena dakuna ni spur, ka na groove e savata na ua ka vonu ena tikitiki ni lase mate (rubble), ka 52% na ubi ni lase (coral cover). Na ivola ni ilawalawa ni vakadidike (survey team's notes) me baleta na tolu na stesoni e Nayau e vakamacalataka na build-up ni *Acropora*, ka tubu cake ena kedra yasana na lumi *Tydemania* (macroalgae), kei na *Drupella* (snails) ena vica na lase. *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-nayau-fjna39.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.