Fiji - Nayau (FJNA38)

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 4 transects — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs, the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER
48%
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
31.1 m
dive-log maximum

WATER TEMP. (SURVEY)
27.0°C
CTD-cast midpoint of 27.0–27.1°C
-0.7°C vs the 2013 mean sea temperature (27.7°C)

PHOTOGRAPHS
7 in the gallery · 84 on file

POSITION
-17.9512, -179.0670
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A shallow fore-reef slope on Nayau's northwest side whose frames show consolidated framework sheeted in coralline algae and carrying many small colonies, at 48% cover. An old anchor chain on the pavement has been colonized by small *Pocillopora*. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na baba ni yasana i tuba ni cakau (fore-reef slope) e sega ni titobu ena yasana i vualiku-i-ra i Nayau, ka na kena itaba e vakaraitaka na ivakatudei sa dei e ubi ena lumi vakalase (coralline algae) ka levu kina na lase lalai, ka 48% na ubi ni lase (coral cover). E dua na vesa makawa ni ikelekele (anchor chain) ena botoni sa tubu kina na *Pocillopora* lalai. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 7 in the gallery · 84 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-nayau-fjna38.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.