Fiji - Kabara (FJKA33)

surveyed 2013-06-14

0 — 5

Coral Health Index: TBD

Outlier score: 3.75/5 (Kabara, n = 4 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 drawn from the author's sampling sheet and the expedition's survey records, not a second survey.

HARD CORAL COVER

24%

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

30.2 m

dive-log maximum

WATER TEMP. (SURVEY)

26.5°C

CTD-cast midpoint; the cast read 26.5°C throughout

-0.7°C vs the 2013 mean sea temperature (27.2°C)

PHOTOGRAPHS

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none on file

POSITION

-18.9545, -178.9874

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





A Kabara fore-reef station, dived to 30.2 m, with 24% coral against much more algae. No photographs exist; the expedition's notes for Kabara's fore reef describe spur-and-groove terraces steepening around 15 m, and Anderson's sheet records *Pocillopora damicornis* as absent here. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na vanua ni vakadidike ena yasana i tuba ni cakau (fore reef) mai Kabara, a nunu kina ki na 30.2 m, ka 24% na lase, e levu cake sara na lumi. E sega ni dua na itaba; na ivola ni ilakolako me baleta na yasana i tuba ni cakau e Kabara e vakamacalataka na vanua raraba (terraces) vakaivakarau ni spur-and-groove ka titobu sara ena rauta ni 15 m, ka vola na ivola nei Anderson ni sega ni kune eke na *Pocillopora damicornis*. *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-kabara-fjka33.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.