Fiji - Kabara (FJKA31)

2 visits, 2013-06-13 – 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 7 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
36%
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

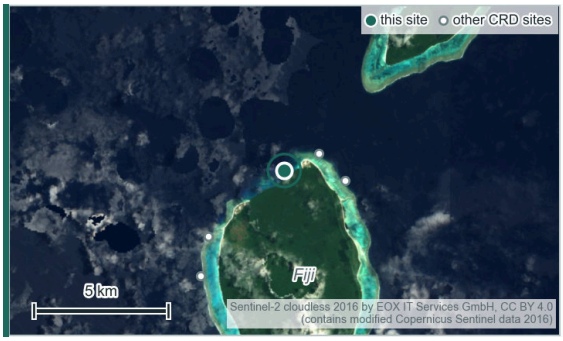
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
18.3 m
dive-log maximum

WATER TEMP. (SURVEY)
26.7°C
CTD-cast midpoint; the cast read 26.7°C throughout
-0.5°C vs the 2013 mean sea temperature (27.2°C)

PHOTOGRAPHS
10 in the gallery · 50 on file

POSITION
-18.9194, -178.9577
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A structurally complex Kabara fore reef where the crest and shoulder are packed with pink and cream branching and table *Acropora*, *Pocillopora*, and massive corals under schools of anthias and chromis, though darker rubble areas show the site is a patchwork. A huge *Porites* dome stands out, and all ten *Pocillopora* colonies sampled here were partly to fully bleached (20-100%, Anderson's sampling sheet). Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na yasana i tuba ni cakau (fore reef) e veibuli vakalevu mai Kabara, ka na dakuna kei na tabana e vonu ena *Acropora* vakatabataba kei na vakatepeli e roka (pink, cream), *Pocillopora*, kei na lase levu vakavatu (massive) e ra ni ilawalawa ika anthias kei na chromis, ia na vanua loaloa ni tikitiki ni lase mate (rubble) e vakaraitaka ni veiwaki tu na vanua. E tu vakatani e dua na ulu levu sara ni *Porites*, ka ra vulavula vakalailai se vakadua kece na tini na *Pocillopora* a taura kina na ivakaraitaki (20-100%, na ivola ni ivakaraitaki nei Anderson). *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-kabara-fjka31.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.