Fiji - Fulaga (FJFU27)

surveyed 2013-06-12

0 — 5

Coral Health Index: TBD

Outlier score: 4.17/5 (Fulaga, n = 6 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
37%
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

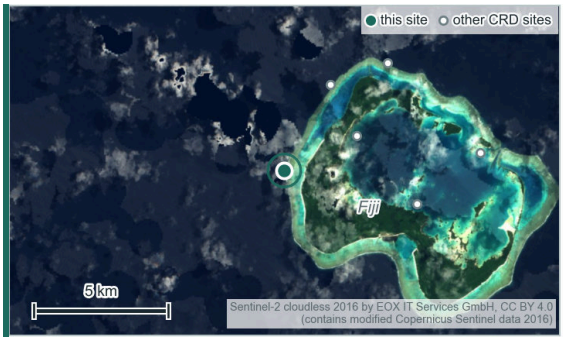
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
22.6 m
dive-log maximum

WATER TEMP. (SURVEY)
26.5°C
CTD-cast midpoint; the cast read 26.5°C throughout
-0.6°C vs the 2013 mean sea temperature (27.1°C)

PHOTOGRAPHS
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none on file

POSITION
-19.1299, -178.6174
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





A Fulaga fore-reef station, dived to 22.6 m, with 37% coral cover against more algae, on spur-and-groove terrain with plating corals on gentler slopes. Anderson's sheet records huge, dangerous swells, 30 m visibility, rare *Pocillopora damicornis*, and one sampled colony (F53, 12.5 m) that was healthy with some white branch tips. 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 Fulaga, a nunu kina ki na 22.6 m, ka 37% na ubi ni lase (coral cover), e levu cake kina na lumi, ena vanua vakaivakarau ni spur-and-groove kei na lase vakaiteba (plating) ena baba e sega ni titobu sara. Na ivola nei Anderson e vola na ualo levu ka rerevaki, na rairai ni wai ki na 30 m, na *Pocillopora damicornis* e dau sega ni kune, kei na dua na lase a taura kina na ivakaraitaki (F53, 12.5 m) e bula vinaka ka vulavula vakalailai na mata ni tabana. *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-fulaga-fjfu27.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.