Fiji - Cicia (FJCC46)

surveyed 2013-06-18

0 — 5

Coral Health Index: TBD

Outlier score: 5.00/5 (Cicia, n = 8 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 6 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

67%

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)

12.2 m

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

WATER TEMP. (SURVEY)

27.2°C

CTD-cast midpoint of 27.1–27.3°C

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

PHOTOGRAPHS

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none on file

POSITION

-17.7265, -179.3408

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





A coral-dominated barrier fore reef off Cicia in the Lau group with 67% cover; the expedition's notes for Cicia's fore reefs describe large *Pocillopora eydouxi*, elkhorn-like *Isopora*, and big brain and *Pavona* stands along the slope edge. The same notes record that 212 crown-of-thorns starfish were removed from Cicia during an active outbreak; they do not place it at this station. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na yasana i tuba ni cakau i tuba (barrier fore reef) mai Cicia ena yatu Lau, e liu kina na lase, ka 67% na ubi ni lase (coral cover); na ivola ni ilakolako me baleta na yasana i tuba ni cakau mai Cicia e vakamacalataka na *Pocillopora eydouxi* levu, na *Isopora* e vaka na elkhorn, kei na lase vakamona (brain) levu kei na *Pavona* e tu ena bati ni baba. Na ivola vata oqo e vola ni 212 na bula (crown-of-thorns starfish) a kauti tani mai Cicia ena gauna ni nodra tubu vakasivia; ia e sega ni kaya ni a yaco ena vanua ni vakadidike oqo. *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-cicia-fjcc46.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.