Fiji - Lau Islands: Totoya

Lau Is. · 3 visits, 2013-06-03 – 2013-06-05

0 — 5

Coral Health Index: TBD

What was done. CRD ran no benthic survey here and has no cover measurement of its own for this site. The written account of the site is drawn from published sources and partner surveys, not from the author's own records.

HARD CORAL COVER

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not measured at this site

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

29.6 m

deepest of 9 logged dives

WATER TEMP. (SURVEY)

27.0–27.4°C

in situ, range of all logged dives

PHOTOGRAPHS

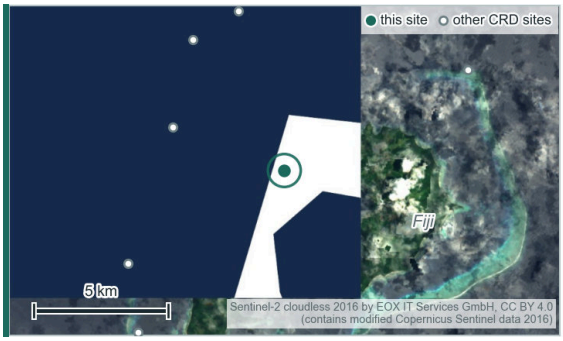
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none on file

POSITION

-18.9419, -179.8514

Approximate position. Island-level marker for the nine Global Reef Expedition stations around Totoya (each station page carries its own GPS position); placed just off the island's shore, not at a logged dive position.





Totoya is a horseshoe-shaped volcanic island in Fiji's Lau group whose drowned caldera forms a near-enclosed lagoon, and nine expedition transect stations around the island recorded 12-46% hard coral cover; Anderson's photographs and the transect data from these dives are on the nine station pages (FJTO01-FJTO09). The Fiji region has averaged 8.9 DHW in recent years, above the severe-bleaching threshold, and Fiji lies within the South Pacific cyclone belt.

Vosa Vakaviti. Ko Totoya e dua na yanuyanu vulikano e vaka na ivava ni ose ena yatu Lau i Viti, ka na nona caldera e vodo e buli kina e dua na loma ni cakau (lagoon) e voleka ni sogo vakadua; e ciwa na vanua ni vakadidike (transect) ni ilakolako e wavokita na yanuyanu ka vola kina e 12-46% na ubi ni lase dina. Na itaba nei Anderson kei na itukutuku ni transect mai na nunu oqo e tiko ena ciwa na tabana ni vanua ni vakadidike (FJTO01-FJTO09). Na yasana i Viti e 8.9 DHW na kena ivakatagedegede ena vica na yabaki sa oti, e sivia na iyalayala ni vulavula bibi, ka tiko o Viti ena sala ni cagilaba ni South Pacific. *AI translation of this summary; the English is authoritative. (low confidence)*

Full site record: https://api.coralreefdiagnostics.com/site-pages/fiji-lau-islands-totoya.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.