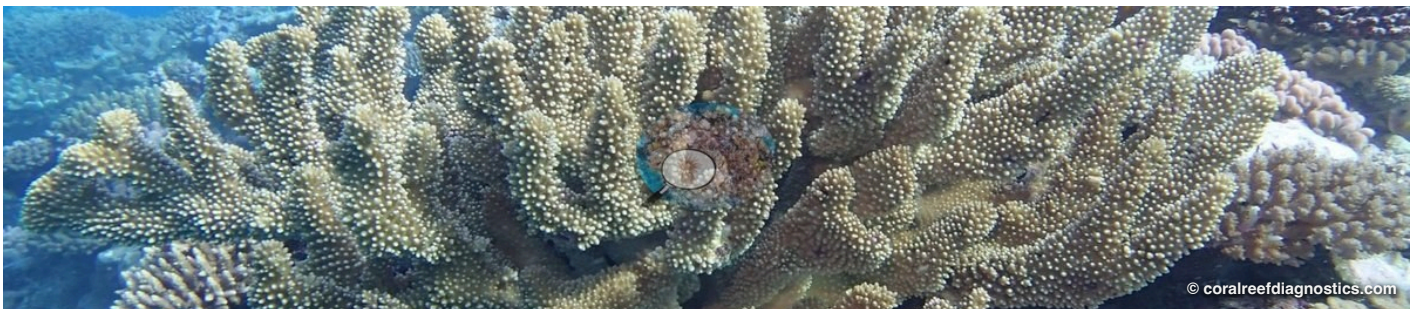
Fiji - Mago (FJMG49)

surveyed 2013-06-20



0 — 5

Coral Health Index: TBD

Outlier score: 4.29/5 (Mago, n = 7 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 a review of its photographs (15 of the 17 frames on file), the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER

53%

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

27.4 m

dive-log maximum

WATER TEMP. (SURVEY)

27.1°C

CTD-cast midpoint of 27.0–27.1°C

-0.7°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS

17 in the gallery · 17 on file

POSITION

-17.4785, -179.1672

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





A Mago reef with 53% coral cover. Most of its photographs are close work on single subjects (a day octopus wedged into a crevice among purple and cream *Acropora* and bright green sea squirts, and portraits of individual acroporid colonies); the two reef-scale frames show an acroporid-dense slope and little more about the wider site. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Mago ka 53% na ubi ni lase (coral cover). E levu na itaba e taba voleka ga e dua na ka (e dua na kuita ni siga (day octopus) e curu tu ena qara ni vatu ena maliwa ni *Acropora* e roka (purple, cream) kei na sea squirt e drokadroka, kei na itaba ni veimataqali lase acroporid yadudua); na rua na itaba ni cakau raraba e vakaraitaka e dua na baba e vonu ena acroporid ka sega tale ni vakaraitaka vakalevu na vanua taucoko. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 17 in the gallery · 17 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-mago-fjmg49.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.