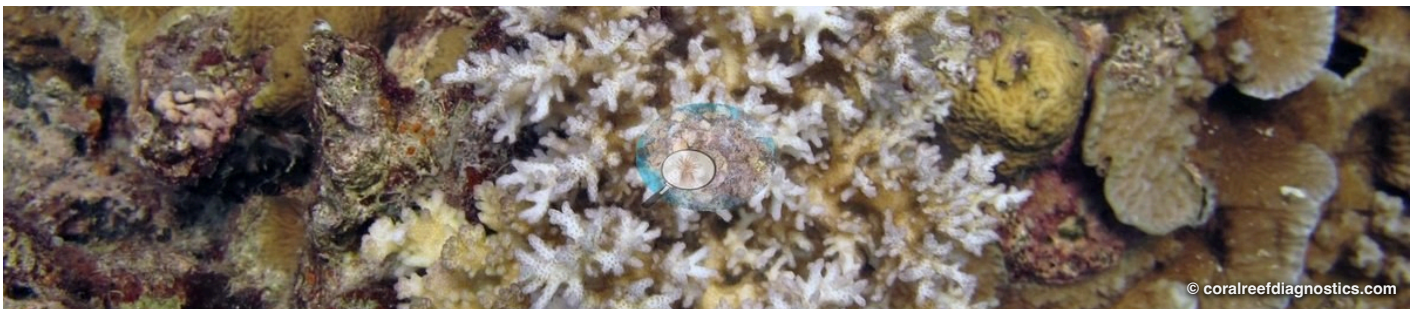
Fiji - Mago (FJMG51)

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 (18 of the 26 frames on file) and of the author's dive notes, not a second survey.

HARD CORAL COVER
47%
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

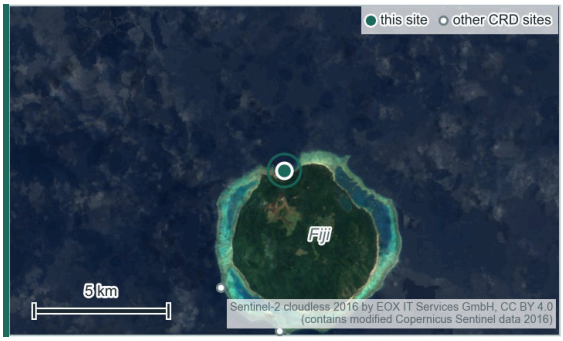
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.9°C-weeks
NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH
12.8 m
dive-log maximum

WATER TEMP. (SURVEY)
27.4°C
CTD-cast midpoint of 27.1–27.7°C
-0.4°C vs the 2013 mean sea temperature (27.8°C)

PHOTOGRAPHS
23 in the gallery · 26 on file

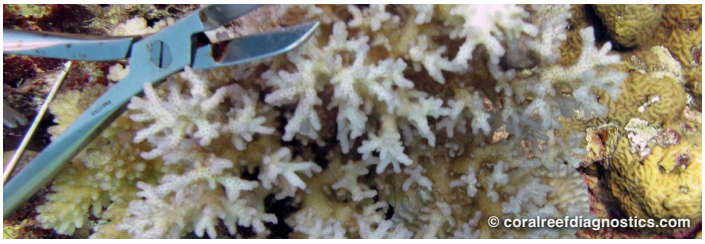
POSITION
-17.4249, -179.1655
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).

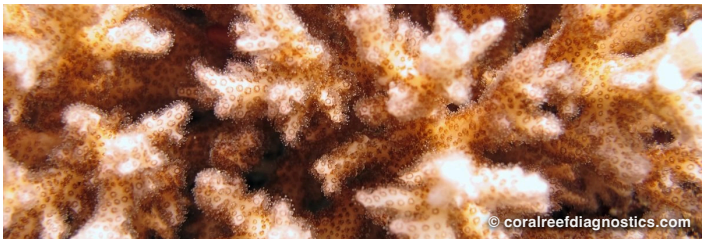




A Mago reef with a cavern swim-through and plenty of *Pocillopora damicornis*, including one colony Anderson recorded as bleached, stark white beside pigmented neighbors. A giant clam overgrown by *Porites* and whitetip reef sharks over bare sand flats round out the dive, and survey notes mention crown-of-thorns predation around Mago. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

Vosa Vakaviti. E dua na cakau e Mago e tiko kina e dua na qara e rawa ni qalo curu kina (swim-through) kei na levu ni *Pocillopora damicornis*, okati kina e dua na lase e vakaiyacataka ko Anderson me vulavula (bleached), e vulavula vakadua ena yasana ni lase e roka tu ena veiyakavi. E dua na vasua e ubia na *Porites* kei na qio (whitetip reef sharks) ena dela ni nuku savasava e vakaotia na nunu, ka cavuta na ivola ni vakadidike na kana ni bula (crown-of-thorns) e wavokita o Mago. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 23 in the gallery · 26 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-fiji-mago-fjmg51.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.