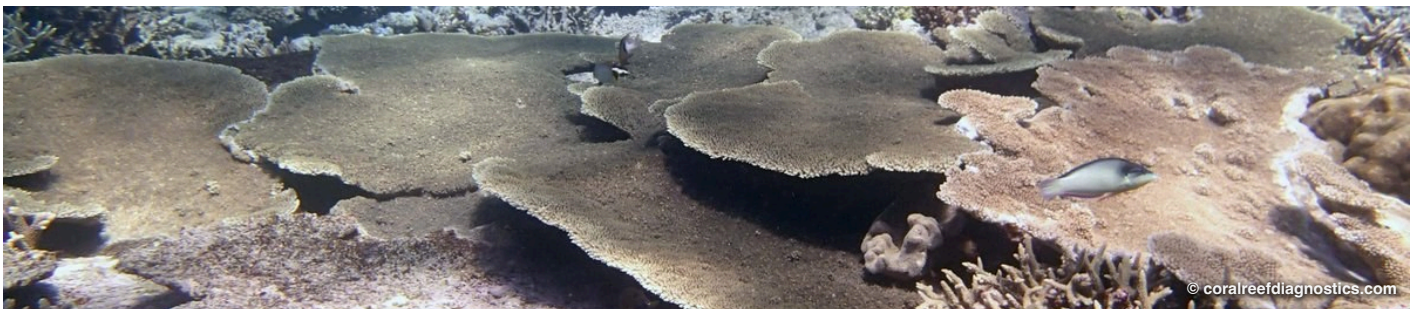
Tonga - Ha'apai (TOHA15)

surveyed 2013-09-16



0 — 5

Coral Health Index: 3.50/5

Scored from two colonies only.

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, the author's sampling sheet, and the expedition's survey records, not a second survey.

HARD CORAL COVER

41%

Benthic transects+photo-quadrats

MOST RECENT HEAT LOAD RECORD

24.3°C **0.0°C-weeks**

26 Oct 2026 · -2.5°C vs the past-365-day mean (26.8°C) · NOAA No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

8.1°C-weeks

NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH

23.5 m

sample-sheet maximum

WATER TEMP. (SURVEY)

24.3°C

CTD-cast midpoint of 24.2–24.3°C

-2.2°C vs the 2013 mean sea temperature (26.5°C)

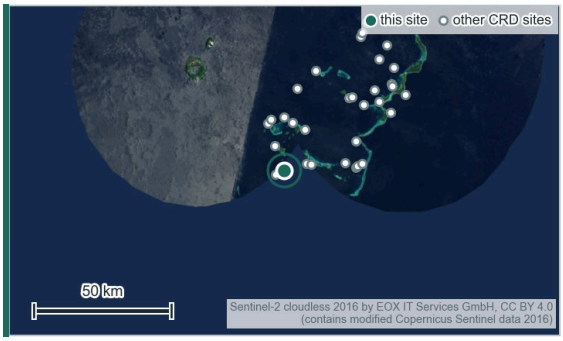
PHOTOGRAPHS

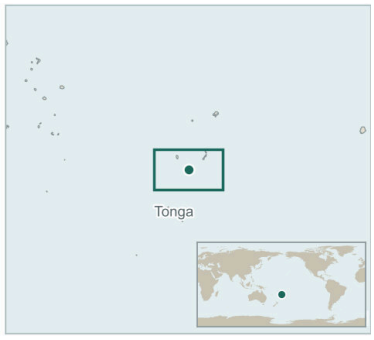
9 in the gallery · 32 on file

POSITION

-20.0817, -174.7574

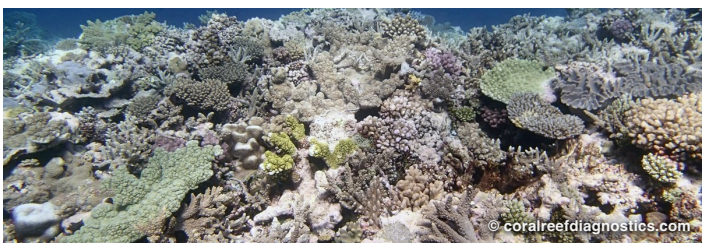
Coordinate from the supporting data of Mayfield et al. (2017, PLoS ONE).





Elongate spurs in Ha'apai whose tops carry close-packed branching and staghorn *Acropora* with shingled table plates, while the edge and slope frames show more widely spaced colonies and more bare framework. One table was dead in place, mottled with encrusting growth. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

lea faka-Tonga. Ko e ngaahi spurs loloa ʻi Haʻapai ʻoku ʻi honau funga ʻa e *Acropora* fakavaʻavaʻa mo staghorn ʻoku fefuʻifuʻi vāofi, mo e ngaahi lauʻi tēpile fakatokoto fetaulaki (shingled), lolotonga ia ʻoku hā ʻi he ngaahi tā ʻo e kauʻi hakau mo e hifoʻanga ha ngaahi kulupu feo ʻoku vāmamaʻo ange mo e lahi ange ʻa e maka feo tukuʻau. Naʻe mate ha tēpile ʻe taha ʻi hono tuʻuʻanga, ʻo pulepule ʻi he tupu pipiki (encrusting growth). *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 9 in the gallery · 32 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-tonga-ha-apai-toha15.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 (Southern Tonga) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.