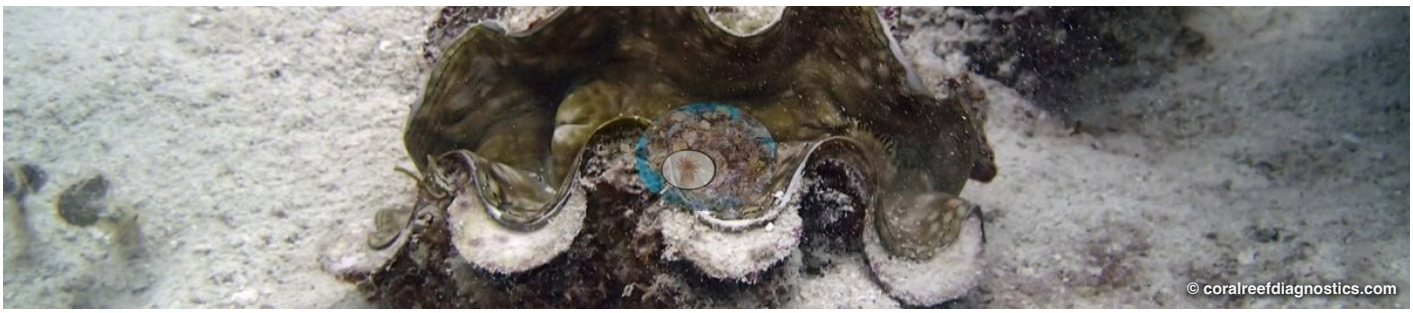
Tonga - Ha'apai (TOHA26)

surveyed 2013-09-19



0 — 5

Coral Health Index: 3.20/5

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

31%

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

21.3 m

dive-log maximum

WATER TEMP. (SURVEY)

25.5°C

CTD-cast midpoint of 25.1–25.9°C

-1.1°C vs the 2013 mean sea temperature (26.6°C)

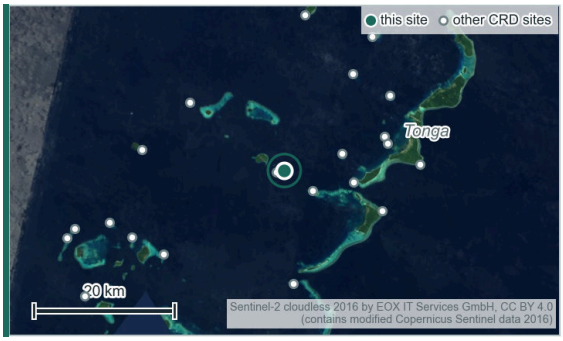
PHOTOGRAPHS

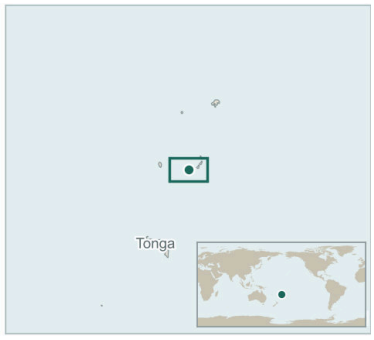
7 in the gallery · 14 on file

POSITION

-19.8413, -174.5209

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

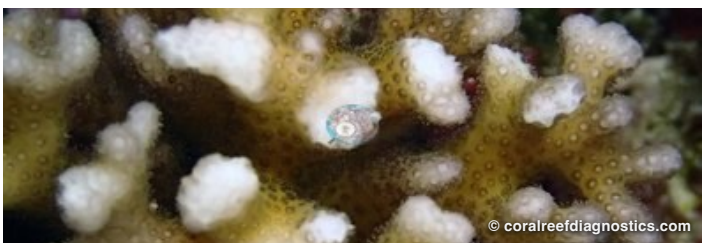




A lagoonal fringing reef whose 10-25 m framework is a maze of large, eroded coral skeletons that died 5-10 years earlier and have been heavily recolonized by new corals. A minor crown-of-thorns outbreak was underway, the starfish hidden in holes with 5-10 freshly eaten corals around each den. Surveyed on the Living Oceans Foundation's Global Reef Expedition.

lea faka-Tonga. Ko ha hakau matafonua ʻi he namo (lagoonal fringing reef) ʻoku hangē hono fakavaʻe ʻi he 10-25 m ha fakatēvolo (maze) ʻo e ngaahi ivi feo lalahi kuo ʻauha, naʻe mate ʻi he taʻu ʻe 5-10 kimuʻa pea kuo toe nofoʻi lahi ʻe he ngaahi feo foʻou. Naʻe lolotonga ʻi ai ha kiʻi tupu lahi (outbreak) siʻi ʻo e ʻalamea (crown-of-thorns), ʻoku toitoi ʻa e ʻalamea ʻi he ngaahi ava pea ʻoku ʻi ai ha feo ʻe 5-10 naʻe toki kai takatakai ʻi he ʻapi taki taha. *AI translation of this summary; the English is authoritative. (low confidence)*





Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 7 in the gallery · 14 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/gre-tonga-ha-apai-toha26.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.