

Atauro - Raiketa

Atauro Island · surveyed 2024-01-29



Coral Health Index: TBD

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 200 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page. The written account of the site is a review of its photographs, not a second survey.

HARD CORAL COVER
46%
Claude computer vision (200 edited photos)
↗ 20%, 2017–2024

TODAY'S HEAT LOAD
27.3°C **0.0°C-weeks**
16 Sep 2026 · -1.6°C vs the annual mean (28.9 °C)
· NOAA No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
5.7°C-weeks
NOAA annual peaks averaging 4–8 °C-weeks

MAX. DEPTH
16.5 m

WATER TEMP. (SURVEY)
27.2°C
-1.8°C vs the 2024 mean sea temperature (29.0°C)

PHOTOGRAPHS
4
on file for this site

POSITION
-8.2405, 125.6140
Approximate position: no GPS fix was logged for this dive.



A steep Atauro coral ridge dominated by near edge-to-edge staghorn *Acropora* thickets running down into blue water, with black and white feather stars perched on the branches. Closer views show plating corals and pink, olive, and silver branching colonies with essentially no bare substrate.



CV model comparison (hard-coral cover, %): In-house DINOv3 39.9 · CoralSCOP edited 44.4 · Claude (edited photos) 46.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/atauro-raiketa.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 (Timor-Leste) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.