

Atauro - Biqueli Wall

Atauro Island · surveyed 2024-01-30



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 147 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

27%

Claude computer vision (147 edited photos)
↘ 37%, 2004–2024

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

30.8 m

WATER TEMP. (SURVEY)

27.8°C

-1.2°C vs the 2024 mean sea temperature (29.0°C)

PHOTOGRAPHS

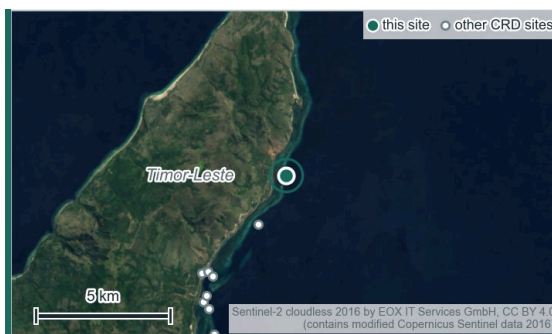
4

on file for this site

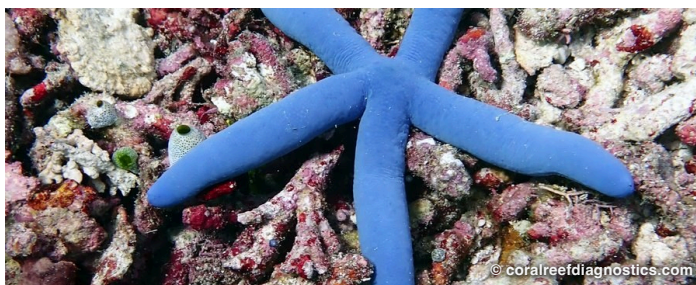
POSITION

-8.1874, 125.6385

Position matched to a named location on the map.



Although named for its wall, the surviving photographs from this Atauro dive show the upper terrace: a near-continuous field of tan branching *Acropora* under hundreds of damselfish and fusiliers. Patches of dead *Acropora* rubble crusted in pink coralline algae, one with a blue sea star, sit among the living thickets.



CV model comparison (hard-coral cover, %): In-house DINOv3 30.2 · CoralSCOP edited 38.4 · Claude (edited photos) 27.4 · Reef Check 2004 (same site) 48.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/atauro-biqueli-wall.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.