

# Atauro - Inner Reef

Atauro Island · surveyed 2024-01-30



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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 193 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  
**45%**  
Claude computer vision (193 edited photos)

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  
**12.2 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

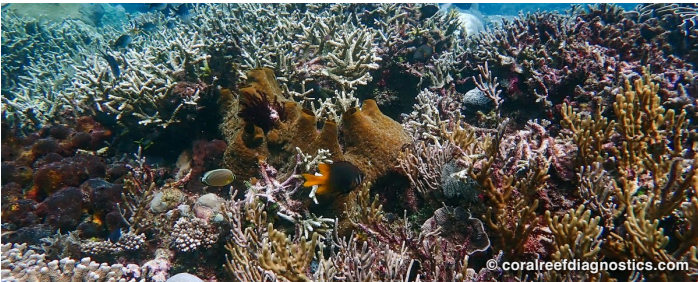
POSITION  
**-8.2195, 125.6120**  
Position matched to a named location on the map.



A shallow Atauro coral garden with essentially no bare substrate and the widest mix of growth forms in this set: columnar and lobate *Porites*, branching and plating *Acropora*, mauve *Pocillopora*, and big tube-sponge clusters. Two giant clams, one beneath a large maze-patterned brain coral, are wedged into the framework.



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CV model comparison (hard-coral cover, %): In-house DINOv3 38.4 · CoralSCOP edited 52.6 · Claude (edited photos) 44.6

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