

# Atauro - Compass Reef

Atauro Island · 2 visits, 2024-01-31 – 2024-02-01



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 99 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  
**38%**  
Claude computer vision (99 edited photos)  
↘ 42%, 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

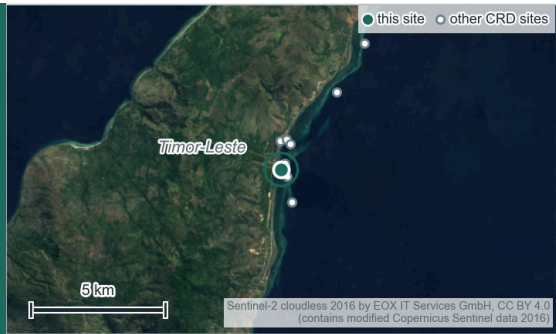
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)  
**5.7°C-weeks**  
NOAA annual peaks averaging 4–8 °C-weeks

MAX. DEPTH  
**2.0 m**

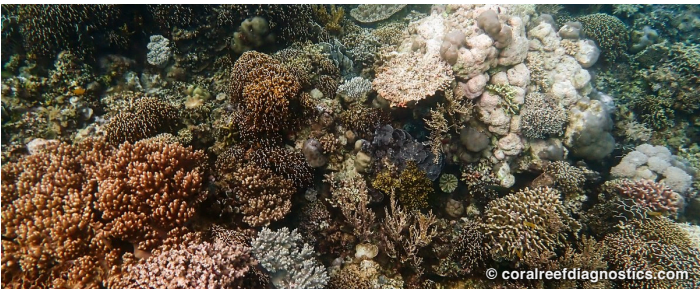
WATER TEMP. (SURVEY)  
—  
not logged

PHOTOGRAPHS  
**8**  
on file for this site

POSITION  
**-8.2296, 125.6104**  
Position matched to a named location on the map.



A shallow Atauro garden snorkeled in about 2 m of water, including the densest frame of this set: pink, orange, and cream colonies packed edge to edge with almost no bare rock. One pale gray-white branching colony stands out among its pigmented neighbors, though a photograph cannot say whether it is bleaching.



CV model comparison (hard-coral cover, %): In-house DINOv3 30.5 · CoralSCOP edited 48.9 · Claude (edited photos) 38.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 8 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/atauro-compass-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.