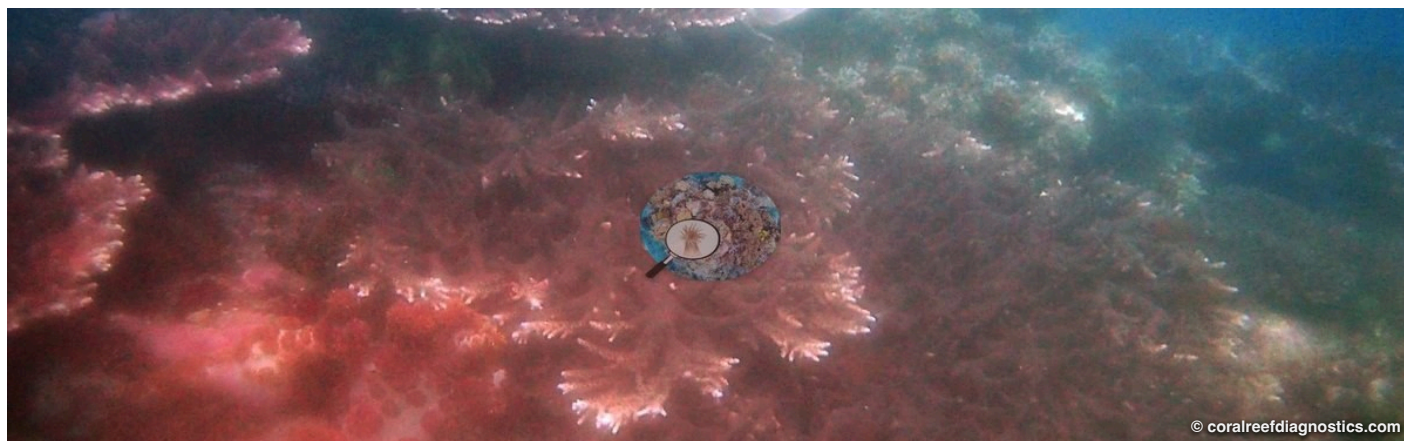


Triton Bay - Last Frontier

Triton Bay · surveyed 2018-10-15



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 14 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page.

HARD CORAL COVER

7.8%

Claude computer vision (14 edited photos)

TODAY'S HEAT LOAD

29.9°C **1.4°C-weeks**

16 Sep 2026 · -0.2°C vs the annual mean (30.1 °C)
· [NOAA](#) Bleaching Watch

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

10.1°C-weeks

[NOAA](#) annual peaks averaging 8–12 °C-weeks

MAX. DEPTH

20.0 m

WATER TEMP. (SURVEY)

25.0°C

-3.3°C vs the 2018 mean sea temperature (28.3°C)
Note: [NOAA](#)'s regional station series averages 1.6°C warmer than the satellite pixel nearest this site (2.4 km away), which is used here instead.

PHOTOGRAPHS

24

on file for this site

POSITION

-3.8600, 134.1100

Approximate position: no GPS fix was logged for this dive.



Last Frontier is a karst islet reef where soft corals like *Sinularia* and *Sarcophyton* dominate at depth, giving way to increasing *Acropora* diversity and cover toward the shallows, including one 3-4 m table. Fish biomass was very high, with bait balls, giant trevally, barracuda, and the trip's first turtle. No bleaching or disease. A blind Claude computer-vision point count puts coral cover around 7.8%, though the methods are known to fail in both directions here.

Bahasa Indonesia. Penyelaman 4: “Last Frontier”. Diselami pada terumbu tepi yang mengelilingi pulau batu kecil. Jarak pandang turun hingga 5 m di sebagian tempat, meningkat menjadi 10 m di tempat lain. Arus lembut (masih mungkin dilawan dengan berenang).
Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.

CV model comparison (hard-coral cover, %): In-house DINOv3 10.2 · CoralSCOP edited 16.0 · Claude (edited photos) 7.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 24 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/triton-bay-last-frontier.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 (West Papua) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.