

Triton Bay - Bo Rainbow

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 47 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

13%

Claude computer vision (47 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

22.3 m

WATER TEMP. (SURVEY)

24.0°C

-4.3°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 (1.6 km away), which is used here instead.

PHOTOGRAPHS

18

on file for this site

POSITION

-3.8650, 134.1150

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



Bo Rainbow is a broad, gently sloping terrace where octocorals rather than stony corals dominate much of the bottom - vast monospecific soft-coral meadows and leather-coral fields giving way to dense staghorn *Acropora* and brain corals where they thin out. No bleaching, disease, or COTS; a blind Claude computer-vision point count puts coral cover around 13%.

Bahasa Indonesia. Bo Rainbow adalah teras luas yang melandai, tempat oktokoral alih-alih karang batu mendominasi sebagian besar dasarnya — padang karang lunak monospesifik yang luas dan hamparan karang kulit yang memberi jalan kepada rumpun *Acropora* bercabang dan karang otak di tempat yang menipis. Tanpa pemutihan, penyakit, maupun bintang laut mahkota duri; penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 13%. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 22.0 · CoralSCOP edited 42.1 · Claude (edited photos) 12.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 18 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/triton-bay-bo-rainbow.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.