

Indonesia - Banda Islands: Lava Flow (Gunung Api)

Maluku · surveyed 2018-04-25



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 190 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

55%

Claude computer vision (190 edited photos)

TODAY'S HEAT LOAD

27.1°C

0.0°C-weeks

16 Sep 2026 · -1.9°C vs the annual mean (29.0 °C)
· NOAA No heat stress

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

8.9°C-weeks

NOAA annual peaks averaging 8–12 °C-weeks

MAX. DEPTH

13.7 m

WATER TEMP. (SURVEY)

29.4°C

+0.7°C vs the 2018 mean sea temperature (28.7°C)

PHOTOGRAPHS

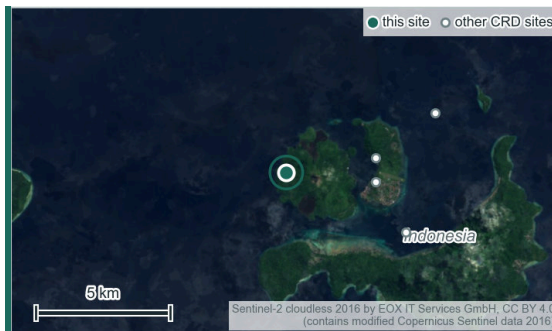
50

on file for this site

POSITION

-4.5200, 129.8700

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



Lava Flow, under Gunung Api's 1988 lava flow, is the highest-cover site of the Banda group by these photographs - unbroken *Acropora* carpets, foliose plate gardens filling the old lava channel, and a genus-rich pavement with over 20 hard coral genera. Eleven frames show recent mortality (disarticulated staghorn rubble) and eighteen show colony-scale bleaching, not a reef-wide event; nearby surveys show this reef's cover swinging from over 60% to around 11% within a few years. A blind Claude computer-vision point count puts coral cover around 55%.

Bahasa Indonesia. Lava Flow, di bawah aliran lava Gunung Api tahun 1988, adalah lokasi dengan tutupan tertinggi di gugusan Banda menurut foto-foto ini — hamparan *Acropora* yang tanpa putus, taman karang lembaran yang mengisi alur lava lama, dan hamparan yang kaya genus dengan lebih dari 20 genus karang keras. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 35.3 · CoralSCOP edited 37.0 · Claude (edited photos) 54.6

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 50 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/indonesia-banda-islands-lava-flow-gunung-api.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 (Maluku) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.