

Indonesia - Halmahera: Failonga

Halmahera (North Maluku) · surveyed 2026-08-09



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 201 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

33%

Claude computer vision (201 photos)

TODAY'S HEAT LOAD

28.7°C

0.0°C-weeks

16 Sep 2026 · -0.9°C vs the annual mean (29.6 °C)
· [NOAA](#) No heat stress

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

5.1°C-weeks

[NOAA](#) annual peaks averaging 4–8 °C-weeks

MAX. DEPTH

29.0 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

PHOTOGRAPHS

54

on file for this site

POSITION

0.6400, 127.4350

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



Failonga lives up to Anderson's log note of lush foliaceous corals - broad *Turbinaria* and *Pavona*-type plate gardens stacked several tiers deep - though one extensive field of long-dead, coralline-bound staghorn skeletons shows an old mortality event now being recolonized by young *Acropora* and soft coral. No bleaching, COTS, or active disease. A blind Claude computer-vision point count puts coral cover around 33%.

Bahasa Indonesia. Failonga sepadan dengan catatan Anderson tentang karang foliaseus yang subur — taman karang lembaran *Turbinaria* dan bertipe *Pavona* yang lebar dan bersusun beberapa tingkat — meskipun satu hamparan luas kerangka karang bercabang yang telah lama mati dan terikat alga koralin menunjukkan peristiwa kematian lama yang kini sedang ditumbuhi kembali oleh *Acropora* muda dan karang lunak. Tanpa pemutihan, bintang laut mahkota duri, maupun penyakit aktif. Penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 33%. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 31.4 · CoralSCOP unedited 31.7 · **Claude 32.6**

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 54 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/indonesia-halmahera-failonga.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 (North Maluku) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.