

Indonesia - Halmahera: Kusu Ridge

Halmahera (North Maluku) · surveyed 2026-08-12



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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 249 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

45%

Claude computer vision (249 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

33.6 m

dive-log maximum

WATER TEMP. (SURVEY)

—
not logged

PHOTOGRAPHS

54

on file for this site

POSITION

-0.4547, 127.7060

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



Kusu Ridge matches Anderson's log note exactly - epic schools of snapper and reef fish over a dim, current-worked deep pavement, finishing in near-continuous foliose plate meadows and mixed *Acropora* meadows in the shallows. One large plating colony stands out completely bright white against normally pigmented neighbors, worth flagging. A blind Claude computer-vision point count puts coral cover around 45%.

Bahasa Indonesia. Kusu Ridge cocok persis dengan catatan Anderson — gerombolan ikan kakap dan ikan karang yang luar biasa di atas hamparan dalam yang remang dan tergarap arus, berakhir pada padang karang lembaran yang hampir menyambung dan padang *Acropora* campuran di perairan dangkal. Satu koloni lembaran besar menonjol sepenuhnya putih terang di antara tetangganya yang berpigmen normal, layak dicatat. Penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 45%. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 42.7 · CoralSCOP unedited 27.7 · Claude 45.2

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 54 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/indonesia-halmahera-kusu-ridge.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.