

Indonesia - Halmahera: Kusu Drift

Halmahera (North Maluku) · surveyed 2026-08-10



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 143 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

26%

Claude computer vision (143 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

25.1 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

PHOTOGRAPHS

53

on file for this site

POSITION

-0.4547, 127.7060

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



Kusu Drift's camera flooded partway through the dive, leaving water intrusion visible in most later frames, but the reef itself runs from a sponge- and soft-coral-dominated deep wall into a dense mixed *Acropora* garden at the crest. One large meandroid colony shows a sharply bounded, roughly one-third bleached-but-living sector - a single-colony event, not reef-wide. A blind Claude computer-vision point count puts coral cover around 26%.

Bahasa Indonesia. Kamera di Kusu Drift kemasukan air di tengah penyelaman, sehingga rembesan air terlihat pada sebagian besar bingkai berikutnya, tetapi terumbunya sendiri membentang dari dinding dalam yang didominasi spons dan karang lunak menuju taman *Acropora* campuran yang rapat di tubirnya. Satu koloni meandroid besar memperlihatkan sektor yang berbatas tegas, kira-kira sepertiganya memutih namun masih hidup — peristiwa pada satu koloni, bukan pada seluruh terumbu. Penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 26%. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 27.6 · CoralSCOP unedited 33.9 · Claude 26.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 53 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/indonesia-halmahera-kusu-drift.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.