

Raja Ampat - Pulau Koon dive 3

Pulau Koon · surveyed 2018-10-17



Coral Health Index: 4.75/5

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 98 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

30%

Claude computer vision (98 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

15.7 m

WATER TEMP. (SURVEY)

—
not logged

PHOTOGRAPHS

83

on file for this site

POSITION

-4.2470, 130.7470

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



Pulau Koon's third dive is hard coral dominated and structurally spectacular, built on huge, vividly colored tabulate *Acropora* tables, shingled foliose fields, and massive *Porites* domes over a meter high. Several large colonies show clear partial mortality - bare or algal-filmed skeleton on table corals and a *Porites* dome roughly half reduced to pitted bare surface - though no whole-colony bleaching front or COTS were seen. Coral cover at this site is about 30% (blind Claude computer-vision point count).

Bahasa Indonesia. Penyelaman ketiga Pulau Koon didominasi karang keras dan menakjubkan secara struktur, dibangun di atas meja *Acropora* tabulat yang besar dan berwarna cerah, hamparan karang lembaran bersusun, serta kubah *Porites* masif setinggi lebih dari satu meter. Beberapa koloni besar memperlihatkan kematian sebagian yang jelas — kerangka gundul atau berselaput alga pada karang meja, dan satu kubah *Porites* yang kira-kira separuhnya menjadi permukaan gundul berlubang — meskipun tidak terlihat front pemutihan seluruh koloni maupun bintang laut mahkota duri. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 31.1 · CoralSCOP edited 46.9 · Claude (edited photos) 29.6

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 83 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/raja-ampat-pulau-koon-dive-3.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.