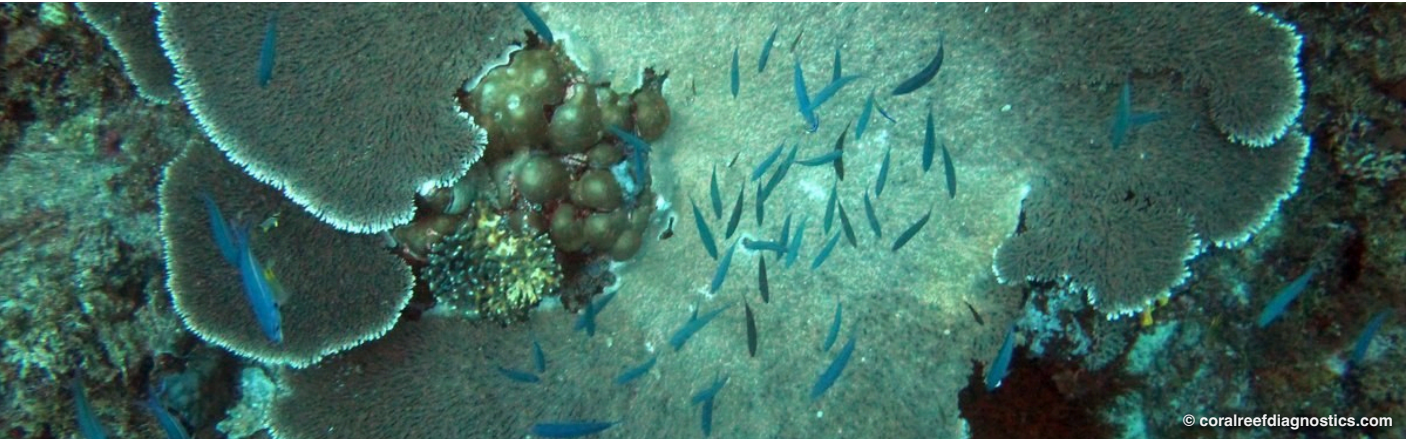
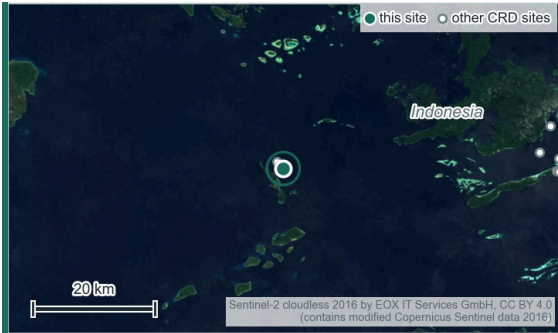


Raja Ampat - Melissa's Garden (Fam/Penemu)

Fam · surveyed 2018-10-21



What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 89 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 41% Claude computer vision (89 edited photos)	TODAY'S HEAT LOAD 29.9°C1.4°C-weeks 16 Sep 2026 · -0.2°C vs the annual mean (30.1 °C) · NOAA Bleaching Watch	HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW) 10.1°C-weeks NOAA annual peaks averaging 8–12 °C-weeks
MAX. DEPTH 18.1 m	WATER TEMP. (SURVEY) 28.0°C -1.2°C vs the 2018 mean sea temperature (29.2°C)	PHOTOGRAPHS 85 on file for this site
POSITION -0.5550, 130.2850 Approximate position: no GPS fix was logged for this dive.	 Sentinel-2 cloudless 2016 by EOX IT Services GmbH, CC BY 4.0 (contains modified Copernicus Sentinel data 2016)  Indonesia Natural Earth	

Melissa's Garden lives up to its reputation as THE coral garden of Raja Ampat - enormous 5 m *Acropora* tables, branching corals at 100% cover through much of the shallows, and acres of reef too vast to reach the edge while drifting. Fish biomass was good but not exceptional by Raja Ampat standards. A blind Claude computer-vision point count puts coral cover around 41%, in line with a nearby diver survey (43%).

Bahasa Indonesia. Melissa's Garden sepadan dengan reputasinya sebagai TAMAN karang Raja Ampat — meja *Acropora* raksasa selebar 5 m, karang bercabang bertutupan 100% di sebagian besar perairan dangkal, dan hamparan terumbu yang begitu luas hingga tepinya tak tercapai saat hanyut mengikuti arus. Biomassa ikannya baik, tetapi tidak luar biasa menurut standar Raja Ampat. Penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 41%, sejalan dengan survei penyelam di dekatnya (43%). *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 35.1 · CoralSCOP edited 40.7 · Claude (edited photos) 40.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 85 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/raja-ampat-melissa-s-garden-fam-penemu.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 (West Papua) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.