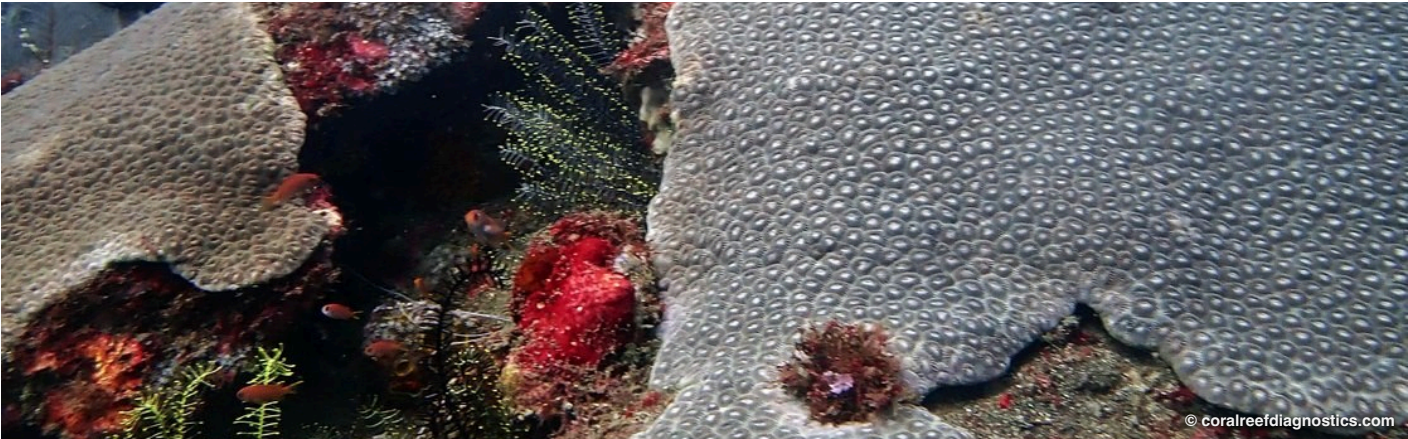


Indonesia - Komodo NP: Deep Purple

Komodo National Park · surveyed 2019-01-20



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What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 60 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page.

HARD CORAL COVER
26%
Claude computer vision (60 edited photos)

TODAY'S HEAT LOAD
27.3°C **0.0°C-weeks**
16 Sep 2026 · -1.6°C vs the annual mean (28.9 °C)
· **NOAA** No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
8.7°C-weeks
NOAA annual peaks averaging 8–12 °C-weeks

MAX. DEPTH
—
not logged

WATER TEMP. (SURVEY)
27.6°C
-0.9°C vs the 2019 mean sea temperature (28.5°C)

PHOTOGRAPHS
51
on file for this site

POSITION
-8.1900, 119.0700
approximate



Deep Purple is a deeper, hazy mixed slope of purple and lavender plate terraces, massive *Porites* domes, and near-monospecific lavender meandroid beds, with very high crinoid density. At least two crown-of-thorns starfish were photographed, with a bright white lesion on one plate showing feeding-scar morphology; no thermal bleaching was seen. A blind Claude computer-vision point count puts coral cover around 26%, below the roughly 40-60% estimated by eye.

Bahasa Indonesia. Deep Purple adalah lereng campuran yang lebih dalam dan berkabut, berisi teras karang lembaran berwarna ungu dan lavender, kubah *Porites* masif, serta hamparan karang meandroid lavender yang nyaris monospesifik, dengan kepadatan lili laut yang sangat tinggi. Sedikitnya dua ekor bintang laut mahkota duri terfoto, dengan satu luka putih terang pada sebuah karang lembaran yang menunjukkan morfologi bekas pemangsaan; tidak terlihat pemutihan akibat suhu. Penghitungan titik buta visi komputer Claude memperkirakan tutupan karang sekitar 26%, di bawah perkiraan mata sekitar 40-60%. *Terjemahan ringkasan ini oleh AI; versi bahasa Inggris yang berlaku.*

CV model comparison (hard-coral cover, %): In-house DINOv3 29.6 · CoralSCOP edited 39.6 · **Claude (edited photos) 26.4**

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 51 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/indonesia-komodo-np-deep-purple.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 Nusa Tenggara) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.