

Oman - Daymaniyat Site 3

surveyed 2024-05-25



جامعة السلطان قابوس
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سلطنة عمان
SULTANATE OF OMAN
هيئة البيئة
ENVIRONMENT AUTHORITY



Coral Health Index: TBD

What was done. The figure is the author's own manual point count, annotated by hand over 28 photographs. 7 further methods were run on the same frames and are reported on the site page.

HARD CORAL COVER

33%

manual point count (28 photos) · other methods on the site page

TODAY'S HEAT LOAD

30.4°C **4.6°C-weeks**

16 Sep 2026 · +1.9°C vs the annual mean (28.5 °C)
· NOAA Alert Level 1

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

11.0°C-weeks

NOAA annual peaks averaging 8–12 °C-weeks

MAX. DEPTH

—

not logged

WATER TEMP. (SURVEY)

—

not logged

PHOTOGRAPHS

20

on file for this site

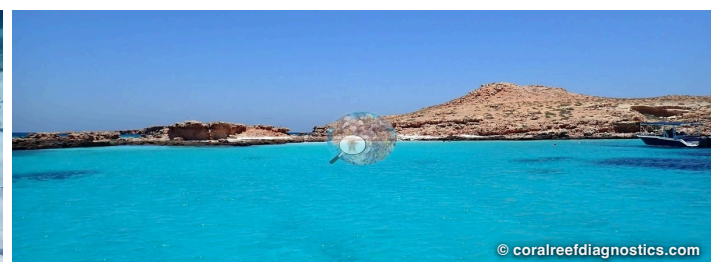
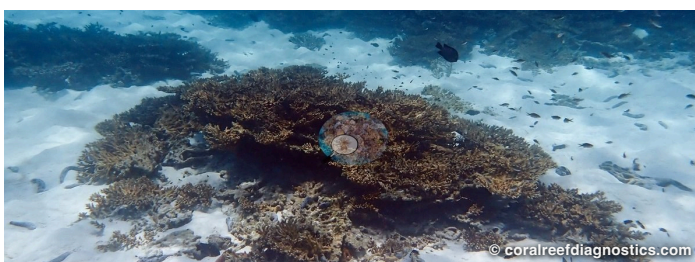
POSITION

23.8544, 58.0844



Daymaniyat Site 3 is dominated almost wall-to-wall by fine-branched tabular and branching hard corals rising from bright white sand - dense enough that a classifier misread much of the tabular *Acropora* canopy as soft coral, and effective hard coral cover once corrected runs near 88% against a published 41.5%. Damselfish swarmed over the canopy and sea cucumbers scattered the sand between stands; a patch of old, turf-covered dead framework beside living tables was the one sign of past mortality, with no bleaching observed in this pre-heat-event May 2024 survey.

العربية. تُظهر جميع اللقطات الأربع الشعبة المرجانية نفسها والقصة نفسها: مرجان *Acropora* دقيق التفرع على خلفية من الرمال البيضاء الناصعة، وما يكاد شيء آخر يُذكر. ترجمة هذا الملخص بالذكاء الاصطناعي؛ النص الإنجليزي هو المعتمد.



CV model comparison (hard-coral cover, %): Manual (published) 33.0 · CoralNet 33.0 · In-house DINOv3 34.2 · CoralSCOP unedited 17.6 · CoralSCOP edited 13.3 · Claude 33.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 20 on file; Watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/oman-daymaniyat-site-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 (Gulf of Oman) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.