

Oman - Daymaniyat Site 2

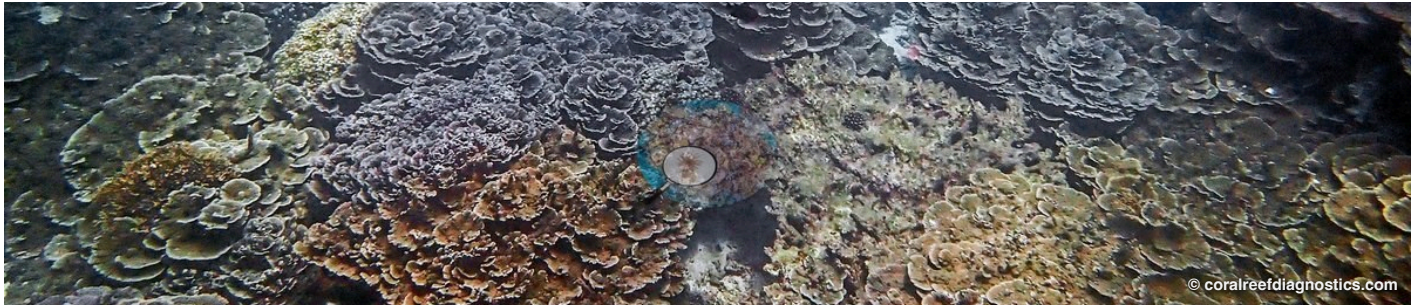
surveyed 2024-05-25



جامعة السلطان قابوس
Sultan Qaboos University



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 106 photographs. 7 further methods were run on the same frames and are reported on the site page. The written account of the site is a review of its photographs, not a second survey.

HARD CORAL COVER

38%

manual point count (106 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

23.8573, 58.0852



Daymaniyat Site 2 is a shallow fringing reef off a low rocky islet where coral cover is nearly unbroken - rounded bommies wrapped in knobby coral and tiered laminar plates rising straight from white sand, with turf reduced to just 5.3%. Published hard coral cover is 51%, and sea turtles were seen cruising above the mound field; no bleaching was observed during this pre-heat-event May 2024 survey.

العربية. يُظهر الإطار 1 المشهد من السطح: كتلة طويلة ومنخفضة وخالية من النباتات من الحجر الجيري البني المتآكل، ترقد في مياه فيروزية تحت سماء صافية بلا غيوم — الجزيرة الصخرية التي يُحيط بها هذا الشعب المرجاني. ترجمة هذا الملخص بالذكاء الاصطناعي: النص الإنجليزي هو المعتمد.



CV model comparison (hard-coral cover, %): Manual (published) 38.1 · CoralNet 38.1 · In-house DINOv3 46.5 · CoralSCOP unedited 42.2 · CoralSCOP edited 50.4 · Claude 49.3

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 20 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/oman-daymaniyat-site-2.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.