

Egypt Red Sea - Om Halhala (Marsa Nakari)

Marsa Alam area · surveyed 2024-09-21



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Coral Health Index: TBD

What was done. The figure is the author's own manual point count, annotated by hand over 216 photographs. 2 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

24%

manual point count (216 photos) · other methods on the site page

TODAY'S HEAT LOAD

30.6°C13.2°C-weeks

16 Sep 2026 · +3.0°C vs the annual mean (27.6 °C)
· NOAA Alert Level 2

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

15.6°C-weeks

NOAA annual peaks averaging 12–16 °C-weeks

MAX. DEPTH

20.6 m

dive-log maximum

WATER TEMP. (SURVEY)

32.0°C

+5.2°C vs the 2024 mean sea temperature (26.8°C)
Note: NOAA's regional station series averages 1.5°C warmer than the satellite pixel nearest this site (1.8 km away), which is used here instead.

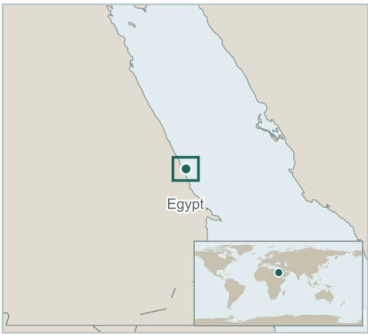
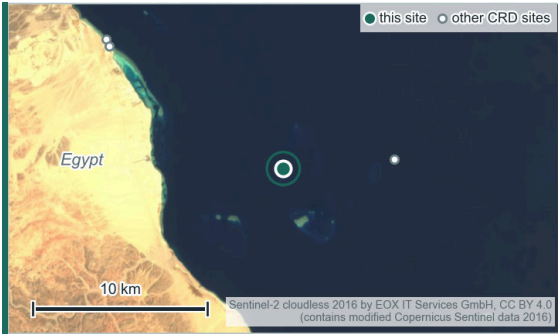
PHOTOGRAPHS

4

on file for this site

POSITION

24.8641, 35.0625



Om Halhala is the most structurally substantial of the Marsa Nakari-area sites, a dense coral slope built mainly on broad fields of massive *Porites* - and a large share of that framework was found bleached chalk-white at field scale, dozens of colonies across in a single frame, while nearby *Acropora* thickets held full color. Published cover was 24% with 61.2% of coral tissue bleached, the second-highest bleaching figure of the Egypt survey leg.

العربية. أم حلحلة هي الأمتن بنويًا بين مواقع منطقة مرسى نكاري، منحدر مرجاني كثيف مبني أساساً على حقول عريضة من *Porites* الكتلي — وقد وُجد جزء كبير من ذلك الهيكل مُبيضاً إلى بياض طباشيري على نطاق الحقل، عشرات المستعمرات في الصورة الواحدة، بينما احتفظت أجسام *Acropora* القريبة بألوانها كاملة. ترجمة هذا الملخص بالذكاء الاصطناعي: النص الإنجليزي هو المعتمد.

CV model comparison (hard-coral cover, %): Manual (published) 24.0 · In-house DINOv3 41.8 · Claude 27.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/egypt-red-sea-om-halhala-marsa-nakari.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 (Egypt) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.