

Saudi Red Sea - Anderson's Reef-I (Jeddah)

Jeddah · surveyed 2024-08-03



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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 146 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

23%

manual point count (146 photos) · other methods on the site page

TODAY'S HEAT LOAD

33.4°C3.6°C-weeks

16 Sep 2026 · +2.9°C vs the annual mean (30.5 °C)
· NOAA Bleaching Warning

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

14.3°C-weeks

NOAA annual peaks averaging 12–16 °C-weeks

MAX. DEPTH

—

not logged

WATER TEMP. (SURVEY)

32.8°C

+3.5°C vs the 2024 mean sea temperature (29.3°C)
Note: NOAA's regional station series averages 1.9°C warmer than the satellite pixel nearest this site (1.1 km away), which is used here instead.

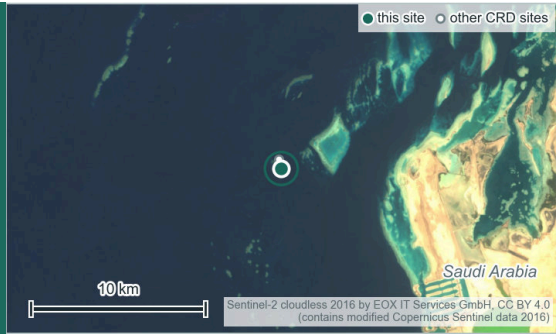
PHOTOGRAPHS

4

on file for this site

POSITION

22.0211, 38.8647



Anderson's Reef-I is a well-built stand of tall coral pinnacles off Jeddah, pocilloporids covering the flanks nearly wall-to-wall beneath large corymbose and staghorn *Acropora* stands with healthy white growing tips. Remarkably, this August 2024 visit recorded the lowest bleaching figure of any site in this entire Red Sea set - just 17.2% of coral tissue - despite being surveyed the same month and city as Bhadur Reef's 62% and Shark Reef's 72%, a reminder of how patchy bleaching severity can be even across nearby reefs.

العربية. شعبة أندرسون الأولى تجمع جيد البناء من أبراج مرجانية عالية قرب جدة، تغطي المرجانيات الشوكية جوانبها من طرف إلى طرف تقريباً تحت تجمعات كبيرة من *Acropora* العنقودي المسطح والقرني ذات أطراف نمو بيضاء سليمة. ترجمة هذا الملخص بالنكاء الاصطناعي: النص الإنجليزي هو المعتمد.

CV model comparison (hard-coral cover, %): Manual (published) 22.7 · In-house DINOv3 34.9 · Claude 27.3

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/saudi-red-sea-anderson-s-reef-i-jeddah.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 (Makkah-Madine Saudi Arabia) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.