

Saudi Red Sea - north Rabigh (shore) (Rabigh)

Rabigh · surveyed 2024-08-16



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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 173 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 (173 photos) · other methods on the site page

TODAY'S HEAT LOAD

33.4°C **3.6°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)

35.0°C

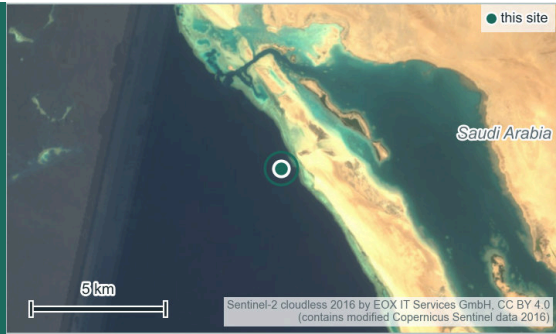
+5.9°C vs the 2024 mean sea temperature (29.1°C)
Note: [NOAA](#)'s regional station series averages 2.1°C warmer than the satellite pixel nearest this site (2.1 km away), which is used here instead.

PHOTOGRAPHS

4
on file for this site

POSITION

22.9325, 38.8442



This shore-entry reef north of Rabigh was surveyed at the height of the 2023-24 Red Sea bleaching event: much of the shallow branching and plate coral is stark bone-white, standing over darker, still-pigmented massive colonies, while some massive domes show blotchy partial bleaching with algae already creeping into dead margins. Published cover is 24% with 64.8% of coral tissue bleached.

العربية. شعبة مرجانية يُدخل إليها من الشاطئ، تقع شمال رابغ (Rabigh) على ساحل البحر الأحمر السعودي الأوسط، وقد جرى مسحها في 16 أغسطس 2024 خلال حدث ابيضاض 2023 و2024 في البحر الأحمر. الصور هي سجل للابيضاض أولاً وسجل للموطن ثانياً. ترجمة هذا الملخص بالكاء الاصطناعي: النص الإنجليزي هو المعتمد.

CV model comparison (hard-coral cover, %): Manual (published) 23.6 · In-house DINOv3 48.1 · Claude 31.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 4 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/saudi-red-sea-north-rabigh-shore-rabigh.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.