

Saudi Red Sea - Alrass Alakhdar (Yanbu)

Yanbu · surveyed 2023-09-16



Coral Health Index: TBD

What was done. The figure comes from point annotation of this site's photographs in [CoralNet](#), 59 photographs — a photographic point count, published, not a diver transect. The written account of the site is a review of its photographs, not a second survey.

HARD CORAL COVER

30%

Point-intercept photo analysis ([CoralNet](#))

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

28.0 m

WATER TEMP. (SURVEY)

28.0°C

-0.2°C vs the 2023 mean sea temperature (28.2°C)
Note: [NOAA](#)'s regional station series averages 2.7°C warmer than the satellite pixel nearest this site (2.7 km away), which is used here instead.

PHOTOGRAPHS

50

on file for this site

POSITION

24.1487, 37.8681



Alrass Alakhdar had both the highest published coral cover (29.6%) and the highest bleaching figure (58.5% of coral tissue) of any site in the 2023 Yanbu survey leg - a densely built reef flat of knobby *Porites*, *Acropora*, and vividly colored pocilloporids that was, on the day it was photographed, more than half bleached. The bleaching here is the clearest single-frame evidence in the whole 2023 Saudi series: entire multi-meter stands of *Porites* rendered bone-white immediately beside magenta and hot-pink pocilloporids still holding full color.

العربية. سجّل الرأس الأخضر أعلى غطاء مرجاني منشور (29.6%) وأعلى نسبة ابيضاض (58.5% من الأنسجة المرجانية) بين مواقع مسح ينبع لعام 2023 — مسطح شعبة ميني بكثافة من *Porites* العقدية و *Acropora* ومرجانيات شوكية زاهية الألوان، كان يوم تصويره مُمَيَّضاً بأكثر من نصفه. ترجمة هذا الملخص بالنكاء الاصطناعي: النص الإنجليزي هو المعتمد.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 50 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/saudi-red-sea-alrass-alkhedar-yanbu.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.