

# Saudi Red Sea - *Thetis* (Yanbu)

Yanbu · 2 visits, 2023-10-06 – 2024-08-09



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Coral Health Index: TBD

**What was done.** The figure comes from point annotation of this site's photographs in [CoralNet](#), 170 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  
**16%**  
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

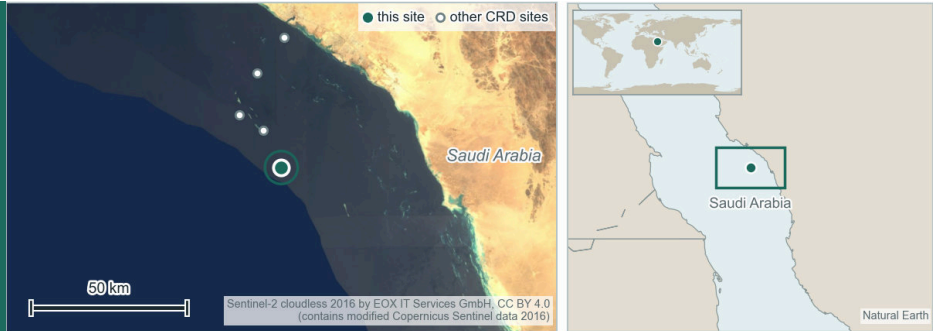
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)  
**14.3°C-weeks** 🔥  
[NOAA](#) annual peaks averaging 12–16 °C-weeks

MAX. DEPTH  
**34.0 m**

WATER TEMP. (SURVEY)  
**28.0°C**  
-0.6°C vs the 2023, 2024 mean sea temperature (28.6°C) Note: [NOAA](#)'s regional station series averages 2.4°C warmer than the satellite pixel nearest this site (2.7 km away), which is used here instead.

PHOTOGRAPHS  
**9**  
on file for this site

POSITION  
**23.6481, 38.0319**



*Thetis* is a deep Yanbu wall dive whose two visits tell very different stories: in October 2023, during peak thermal stress (19.9 DHW), the upper wall was heavily built with *Porites*, *Acropora*, and pocilloporids, much of it bleached white, and cover measured 33% with 62.1% of coral tissue bleached; by August 2024 the same wall had gone darker and sparser, dominated by soft corals and sponges with hard coral reduced to patches, cover down to 13.4% and bleaching to 25.0%. Cover more than halved between the two visits.

العربية. ثينيس جدار عميق قرب ينبع تروي زيارته قصتين مختلفتين تماماً: في أكتوبر 2023، عند ذروة الإجهاد الحراري (DHW 19.9)، كان الجدار العلوي مبنياً بكثافة من *Porites* و *Acropora* ومرجانيات شوكية، كثير منها مبيض إلى البياض، وبلغ الغطاء 33% مع ابيضاض 62.1% من الأنسجة؛ وبحلول أغسطس 2024 صار الجدار نفسه أغمق وأكثر تناثراً، تسيطر عليه المرجانيات الرخوة والإسفنجيات وقد تقلص المرجان الصلب إلى بقع، فانخفض الغطاء إلى 13.4% والابيضاض إلى 25.0%. ترجمة هذا الملخص بالنكاء الاصطناعي: النص الإنجليزي هو المعتمد.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 9 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/saudi-red-sea-thetis-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.