

Egypt Red Sea - Habili El Ghadeer (Marsa Nakari)

Marsa Alam area · surveyed 2024-09-21



What was done. The figure is the author's own manual point count, annotated by hand over 161 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 13% manual point count (161 photos) · other methods on the site page	TODAY'S HEAT LOAD 30.6°C 13.2°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 30.8 m dive-log maximum	WATER TEMP. (SURVEY) 31.5°C +4.7°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 (0.7 km away), which is used here instead.	PHOTOGRAPHS 4 on file for this site
POSITION 24.8687, 35.1254		

Habili El Ghadeer is a submerged pinnacle whose upper plateau is dominated by bioeroded rock and coralline algae rather than living coral - the lowest published cover of any Egyptian pin in this set at 13.2%, likely reflecting structure as much as the bleaching event itself. What coral is there was hit hard: a large table *Acropora* more than a meter across was photographed bleached uniformly white from center to every branch tip, consistent with the site's 57.2% tissue-bleaching figure.

العربية. حبيلى الغدير قمة مغمورة يسيطر على هضبتها العليا صخر متآكل حيويًا وطحالب مرجانية بدلاً من المرجان الحي — وهو أدنى غطاء منشور بين المواقع المصرية في هذه المجموعة عند 13.2%، وهو ما يعكس على الأرجح البنية بقدر ما يعكس حدث الابيضاض نفسه. ترجمة هذا الملخص بالكاء الاصطناعي: النص الإنجليزي هو المعتمد.

CV model comparison (hard-coral cover, %): Manual (published) 13.2 · 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-habili-el-ghadeer-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.