

King Reef (Nassau north coast)

surveyed 2022-10-13



Coral Health Index: TBD

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 60 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page. The written account of the site is a review of its photographs (73 frames), not a second survey.

HARD CORAL COVER

9.1%

Claude computer vision (60 edited photos) · median 5.0%

TODAY'S HEAT LOAD

29.8°C

18.1°C-weeks

3 Oct 2026 · +1.4°C vs the annual mean (28.4 °C) ·
[NOAA Alert Level 2](#)

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

13.5°C-weeks

[NOAA](#) annual peaks averaging 12–16 °C-weeks

MAX. DEPTH

6.1 m

WATER TEMP. (SURVEY)

29.4°C

+2.1°C vs the 2022 mean sea temperature (27.3°C)

PHOTOGRAPHS

73

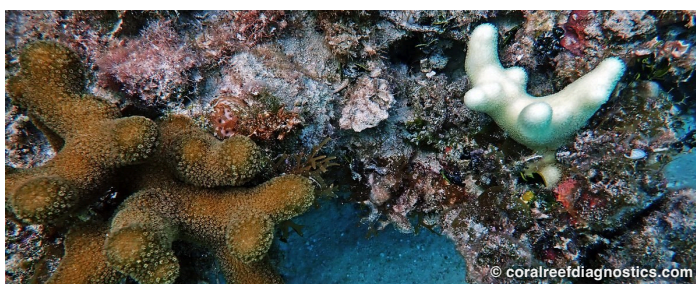
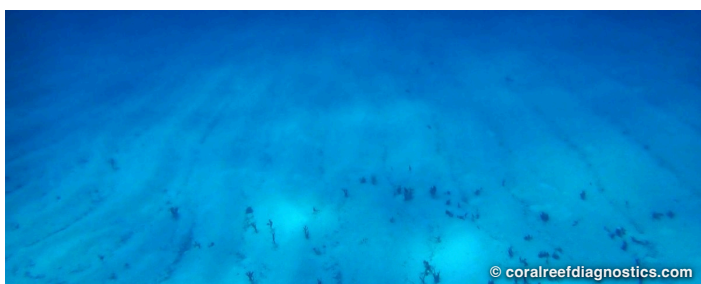
on file for this site

POSITION

25.0900, -77.4000



An elkhorn coral site where live *Acropora palmata* ranges from a "monster" colony and tall candelabra stands to a small recruit, side by side with standing dead elkhorn framework. Brain corals and gorgonians fill the low hardbottom between, and Anderson flagged one diseased *Porites* colony and some pale star corals.



CV model comparison (hard-coral cover, %): CoralSCOP edited 15.5 · Claude (edited photos) 9.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 73 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/king-reef-nassau-north-coast.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 (Central Bahamas) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.