King Reef (New Providence, west end)

surveyed 2022-10-13



0 — 5

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) and of the author's dive notes, not a second survey.

HARD CORAL COVER

9.1%

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

MOST RECENT HEAT LOAD RECORD

29.4°C **15.6°C-weeks**

26 Oct 2026 · +1.0°C vs the past-365-day mean (28.4°C) · NOAA alert that day: Bleaching Watch (water near the threshold; 15.6°C-weeks built up over the last 12 weeks)

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)

29.6°C

+2.2°C vs the 2022 mean sea temperature (27.4°C)

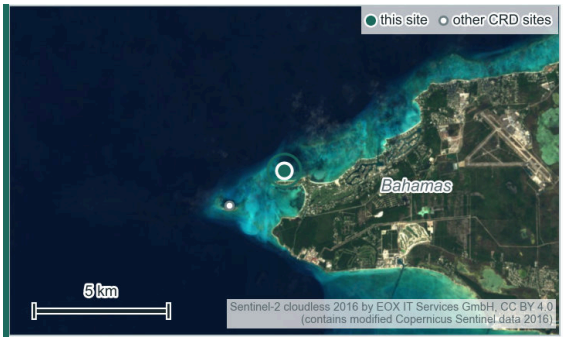
PHOTOGRAPHS

63 in the gallery · 73 on file

POSITION

25.0339, -77.5498

Position from the GPS point in the author's dive record for this dive.





An elkhorn coral site where live *Acropora palmata* ranges from a very large 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 recorded one poritid colony as diseased; some star corals and a finger-branching colony are bleached in the photographs.





CV model comparison (hard coral cover, %): CoralSCOP edited 15.5 · **Claude (edited photos) 9.1** CoralSCOP (edited photos) reads 15.5%, within 6.4 pp of Claude's blind point count (9.1%).

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 63 in the gallery · 73 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/king-reef-new-providence-west-end.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.