Bonaire - Karpata

Caribbean · surveyed 2017-02-21



0 — 5

Coral Health Index: 2.50/5

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 41 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 and of the author's dive notes, not a second survey.

HARD CORAL COVER

36%

Claude computer vision (41 edited photos) · median 38%

MOST RECENT HEAT LOAD RECORD

28.8°C **2.1°C-weeks**

26 Oct 2026 · +1.0°C vs the past-365-day mean (27.8°C) · NOAA Bleaching Warning

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

17.3°C-weeks

NOAA annual peaks averaging 16–20°C-weeks

MAX. DEPTH

36.3 m

WATER TEMP. (SURVEY)

26.7°C

-1.2°C vs the 2017 mean sea temperature (27.9°C)

PHOTOGRAPHS

42 in the gallery · 48 on file (49 analyzed)

POSITION

12.2195, -68.3521

Position from the published dive-site listing for Karpata; other online dive-site maps agree within 20 m; no GPS fix was logged on the dive.





A shore dive down a concrete stairway on Bonaire's northwest coast onto an unbroken carpet of boulder star coral, with living elkhorn coral in the shallows, a resting hawksbill turtle, and dense schools of sergeant majors and chromis. Most colonies are well pigmented, though one large brain coral shows extensive old partial die-off.

Nederlands. Een kantduik via een betonnen trap aan de noordwestkust van Bonaire, die uitkomt op een ononderbroken tapijt van sterkoraal (boulder star coral), met levend elandsgeweikoraal in het ondiepe water, een rustende karetschildpad en dichte scholen sergeant-majoorvissen en chromissen. De meeste kolonies zijn goed gepigmenteerd, al vertoont één groot hersenkoraal uitgebreide, oude gedeeltelijke afsterving. *AI translation of this summary; the English is authoritative.*





CV model comparison (hard coral cover, %): CoralSCOP edited 32.3 · **Claude (edited photos) 35.6** CoralSCOP (edited photos) reads 32.3%, within 3.3 pp of Claude's blind point count (35.6%).

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 42 in the gallery · 48 on file (49 analyzed); watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/bonaire-karpata.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 (Aruba, Curacao, and Bonaire) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.