

Dominica - Champagne Reef

surveyed 2022-06-22



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 153 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page.

HARD CORAL COVER

29%

Claude computer vision (153 edited photos) · median 20%

TODAY'S HEAT LOAD

29.7°C

8.1°C-weeks

3 Oct 2026 · +1.5°C vs the annual mean (28.2 °C) · NOAA Alert Level 2

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

13.9°C-weeks 🔥

NOAA annual peaks averaging 12–16 °C-weeks

MAX. DEPTH

—

not logged

WATER TEMP. (SURVEY)

—

not logged

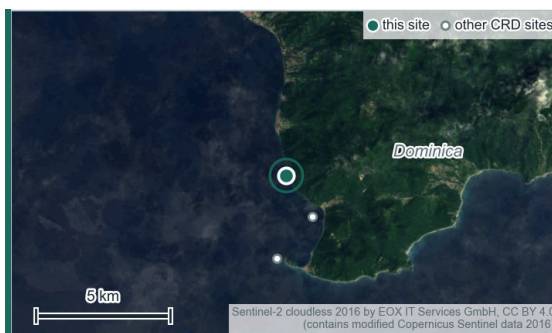
PHOTOGRAPHS

153

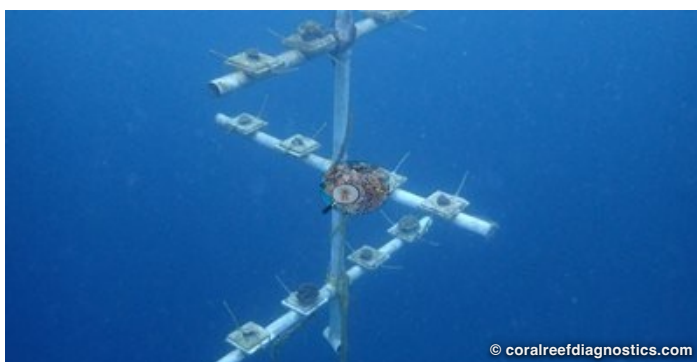
50 on the site page

POSITION

15.2433, -61.3739



A Soufrière Bay reef famous for the volcanic gas bubbles that rise through it. Beyond that, the record holds only a computer-vision cover estimate and no habitat notes.



CV model comparison (hard-coral cover, %): CoralSCOP edited 32.8 · Claude (edited photos) 29.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 153 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/dominica-champagne-reef.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 (Leeward Caribbean Islands) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.