

Dominica - Toucari Bay

surveyed 2022-07-03



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 42 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

28%

Claude computer vision (42 edited photos) · median 27%

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

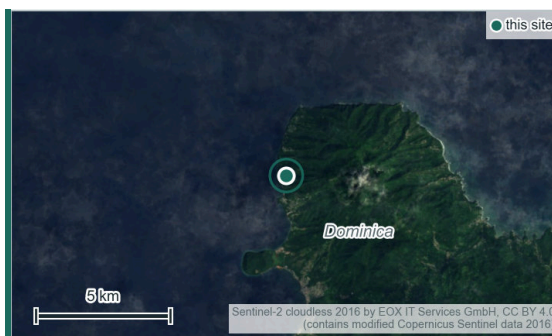
PHOTOGRAPHS

42

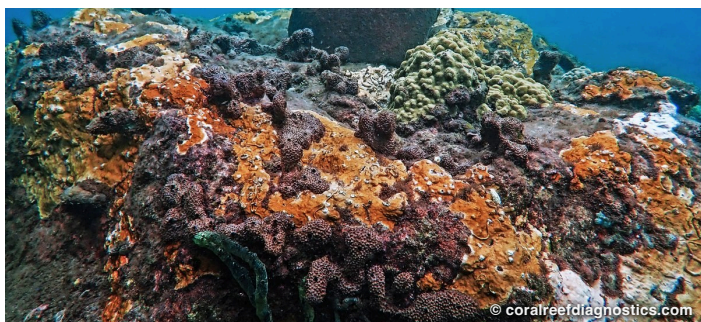
5 on the site page

POSITION

15.6153, -61.4632



A shallow snorkeling reef on Dominica's northwest coast packed with boulder star and brain corals and finger-coral thickets, showing few signs of the disease seen at the deeper Soufriere Bay sites. Bright red and orange encrusting sponges dot the coral heads, though one boulder star stand carries patches of recent partial die-off.



CV model comparison (hard-coral cover, %): CoralSCOP edited 33.5 · Claude (edited photos) 28.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 42 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/dominica-toucari-bay.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.