

SVG - Mayreau Gardens

Caribbean - SVG · 3 visits, 2019-09-26 – 2019-10-01



AGRR Atlantic and Gulf
Rapid Reef Assessment



Reef Check



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 33 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, not a second survey.

HARD CORAL COVER

7.0%

Claude computer vision (33 edited photos) · median 5.0%

TODAY'S HEAT LOAD

29.6°C

5.0°C-weeks

3 Oct 2026 · +1.3°C vs the annual mean (28.3 °C) ·
[NOAA Alert Level 1](#)

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

14.3°C-weeks 🔥

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

MAX. DEPTH

24.1 m

WATER TEMP. (SURVEY)

—

not logged

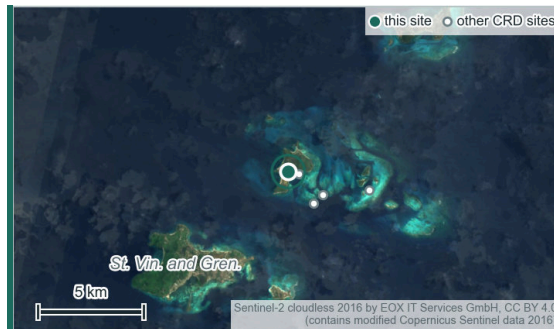
PHOTOGRAPHS

50

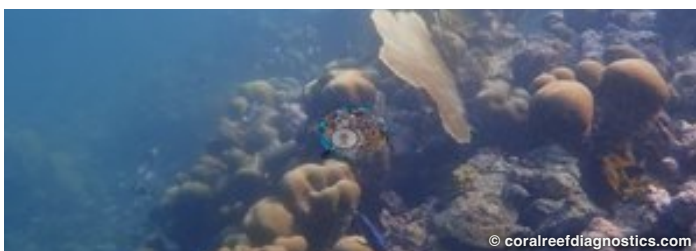
on file for this site

POSITION

12.6380, -61.3930



A classic eastern Caribbean sponge-and-gorgonian reef off Mayreau in the Tobago Cays, where big brown tube and vase sponges and a forest of sea rods and fans rise over low pavement, with stony corals present but subordinate. A blind computer-vision point count of 33 photos puts coral cover around 7% (median 5%), mostly from fish and open-water frames. The fish life is the standout, including a hundreds-strong school hanging over green algae, and the wider area includes a natural volcanic CO₂ seep.



CV model comparison (hard-coral cover, %): Claude (edited photos) 7.0

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 50 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/svg-mayreau-gardens.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 (Windward Caribbean Islands) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.