

SVG - Mayreau Shipwreck

Caribbean - SVG · surveyed 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 28 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

4.9%

Claude computer vision (28 edited photos) · median 0.0%

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

11.3 m

WATER TEMP. (SURVEY)

29.2°C

+1.3°C vs the 2019 mean sea temperature (27.9°C)

PHOTOGRAPHS

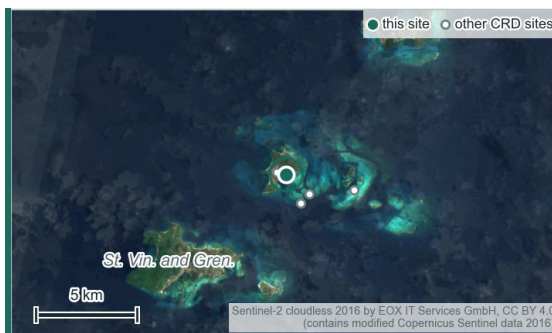
28

5 on the site page

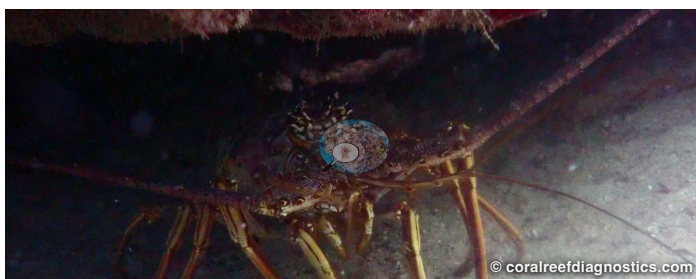
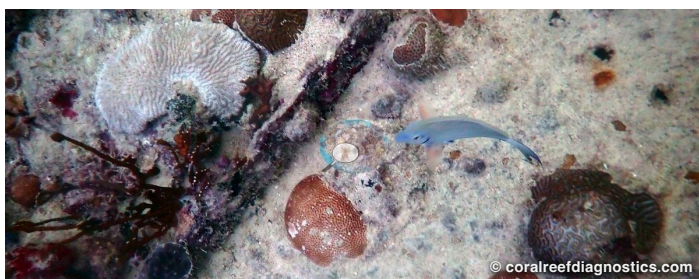
POSITION

12.6370, -61.3886

Approximate position: no GPS fix was logged for this dive.



This wreck off Mayreau, tentatively identified as the 1918 Puruni though unconfirmed, carries sparse coral colonization - small encrusting *Siderastrea* and *Porites astreoides* patches and a few brain corals - but a remarkable density of Caribbean spiny lobster packed into nearly every crevice, including a mother-and-young pair. No bleaching or disease seen; a blind computer-vision count of 28 photos puts coral cover at about 4.9% (median 0%); on a wreck, low coral cover is expected.



CV model comparison (hard-coral cover, %): Claude (edited photos) 4.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 28 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/svg-mayreau-shipwreck.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.