

St. Lucia - Anse Chastanet

Caribbean · surveyed 2022-06-27



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 36 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

7.8%

Claude computer vision (36 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

—
not logged

WATER TEMP. (SURVEY)

—
not logged

PHOTOGRAPHS

37
on file for this site

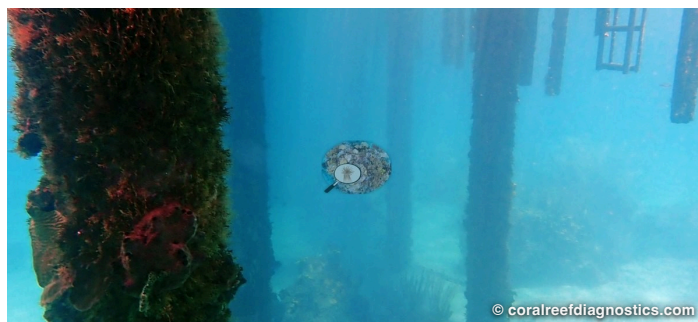
POSITION

13.8640, -61.0800

Approximate position. Position taken from the Reef Check station named "Anse Chastanet Reef" (13.864, -61.08) in the data-search map payload. A survey station is not the dive site — treat as the bay, not a fixed entry point.



At Anse Chastanet near Soufriere, the resort jetty is the real coral garden: its pilings are tiled with dinner-plate brain corals, star corals, tube sponges, and Christmas tree worms, far more than the sparse, turf-covered rocky reef nearby. Huge baitfish schools mass among the pilings, and a spotted snake eel out on open sand was the standout find.



CV model comparison (hard-coral cover, %): Claude (edited photos) 7.8

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 37 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/st-lucia-anse-chastanet.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.