

St. Lucia - Soufriere Pinnacles

Caribbean · surveyed 2022-06-26



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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 129 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
11%
Claude computer vision (129 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

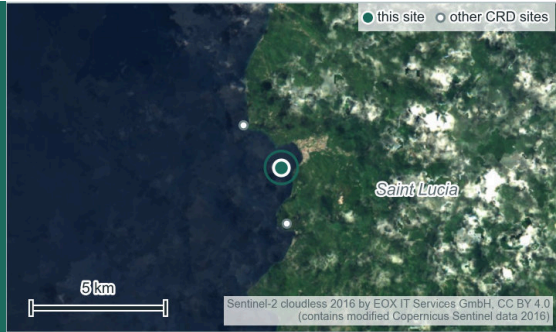
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
14.3°C-weeks
NOAA annual peaks averaging 12–16 °C-weeks

MAX. DEPTH
20.4 m

WATER TEMP. (SURVEY)
—
not logged

PHOTOGRAPHS
129
54 on the site page

POSITION
13.8497, -61.0668
Approximate position: no GPS fix was logged for this dive.



Soufriere Pinnacles, at the foot of Gros Piton, is a high-relief reef of boulders, steep walls, and narrow canyon-like corridors lined with giant barrel sponges and dense sea fans, with a coral-packed ridge swarming with small fish. Several large corals carry fresh white tissue-loss lesions, and old broken staghorn rubble is conspicuous in places.



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CV model comparison (hard-coral cover, %): CoralSCOP edited 29.8 · Claude (edited photos) 10.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 129 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/st-lucia-soufriere-pinnacles.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.