

Mauritius - Carpenter

Coin de Mire · surveyed 2025-02-09



What was done. The figure is the site cover estimate reported in the author's Mauritius manuscript: the unweighted mean of his manual point count and CoralNet's automated classifier, over 102 photographs. The manual point count alone reads 15%. 8 further methods are compared on the site page.

HARD CORAL COVER
18%
site cover estimate: manual point count and CoralNet, weighted equally (102 photos) · other methods on the site page

TODAY'S HEAT LOAD
24.3°C **0.0°C-weeks**
16 Sep 2026 · -2.3°C vs the annual mean (26.6 °C)
· NOAA No heat stress

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
9.0°C-weeks
NOAA annual peaks averaging 8–12 °C-weeks

MAX. DEPTH
22.8 m
dive-log maximum

WATER TEMP. (SURVEY)
28.0°C
+1.6°C vs the 2025 mean sea temperature (26.4°C)

PHOTOGRAPHS
50
on file for this site

POSITION
-19.9505, 57.6251



A Mauritius boulder field of stacked coral heads and rock with sand channels between, locally steep where boulder flanks fall into open blue. Massive *Porites* boulders dominate, with table *Acropora* and brain corals, dense schools of snapper and chromis overhead, and no widespread bleaching.

Français. Un champ de blocs fait de têtes coralliennes et de roches empilées séparées par des chenaux de sable, localement escarpé là où les flancs des blocs plongent dans le bleu. Des *Porites* massifs dominant, avec des *Acropora* tabulaires et des coraux-cerveaux, des bancs denses de lutjans et de chromis au-dessus, et aucun blanchissement généralisé. *Traduction par IA de ce résumé ; la version anglaise fait foi.*

CV model comparison (hard-coral cover, %): Site cover estimate 17.8 · Manual (draft manuscript) 14.6 · CoralNet 10.9 · In-house DINOv3 21.2 · CoralSCOP unedited 21.0 · Claude 12.3

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 50 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/mauritius-carpenter.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 (Southern Mauritius) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.