

Mauritius - Reef Garden

Grand Baie area, northern Mauritius · surveyed 2025-02-01



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 154 photographs. The manual point count alone reads 26%. 8 further methods are compared on the site page.

HARD CORAL COVER 18% site cover estimate: manual point count and <u>CoralNet</u> , weighted equally (154 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) · <u>NOAA</u> No heat stress	HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW) 9.0°C-weeks <u>NOAA</u> annual peaks averaging 8–12 °C-weeks
MAX. DEPTH 19.0 m dive-log maximum	WATER TEMP. (SURVEY) 28.0°C +1.5°C vs the 2025 mean sea temperature (26.5°C)	PHOTOGRAPHS 20 on file for this site
POSITION -19.9832, 57.5823		

A low-relief Mauritius patch reef of coral bommies and rubble mounds rising from white sand, with the highest hand-scored coral cover of the seven Mauritius sites. *Porites*, brain corals, and staghorn anchor the bommies, joined by garden eels, two lionfish, and dense snapper and anthias schools, with no widespread bleaching; the pin's exact position is approximate.

Français. Un récif de patch à faible relief formé de patates coralliennes et de monticules de débris s'élevant d'un sable blanc, avec la couverture corallienne la plus élevée des sept sites mauriciens relevés à la main. Des *Porites*, des coraux-cerveaux et des acropores branchus structurent les patates, accompagnés d'anguilles-jardinières, de deux rascasses volantes et de bancs denses de lutjans et d'anthias ; aucun blanchissement généralisé. La position exacte du point est approximative. *Traduction par IA de ce résumé ; la version anglaise fait foi.*

CV model comparison (hard-coral cover, %): Site cover estimate 18.2 · Manual (draft manuscript) 26.3 · CoralNet 27.8 · In-house DINOv3 44.6 · CoralSCOP unedited 22.2 · Claude 26.7

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 1 of 20 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/mauritius-reef-garden.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.