

Turks and Caicos - Rock and Roll

surveyed 2022-08-03



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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 90 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
5.9%
Claude computer vision (90 edited photos) · median 0.0%

TODAY'S HEAT LOAD
30.2°C **12.1°C-weeks**
3 Oct 2026 · +1.8°C vs the annual mean (28.4 °C) · NOAA Alert Level 2

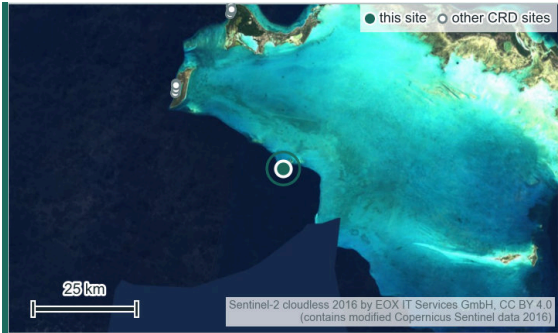
HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)
11.0°C-weeks
NOAA annual peaks averaging 8–12 °C-weeks

MAX. DEPTH
32.3 m

WATER TEMP. (SURVEY)
29.1°C
+1.2°C vs the 2022 mean sea temperature (27.9°C)

PHOTOGRAPHS
90
53 on the site page

POSITION
21.4920, -72.2188



Rock and Roll at French Cay is known for its sharks: Caribbean reef sharks patrol the drop-off while nurse sharks rest on the sand beneath isolated coral heads wrapped in schools of grunts. Corals improve toward the wall lip, but many close-ups show fresh white tissue-loss bands rather than bleaching.



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CV model comparison (hard-coral cover, %): CoralSCOP edited 18.7 · Claude (edited photos) 5.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 90 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/turks-and-caicos-rock-and-roll.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 (Turks and Caicos) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.