

Turks and Caicos - The Gully

surveyed 2022-08-05



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 74 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

7.1%

Claude computer vision (74 edited photos) · median 5.9%

↘ 58%, 2007–2022

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

deepest of 2 logged dives

WATER TEMP. (SURVEY)

28.3°C

+0.5°C vs the 2022 mean sea temperature (27.8°C)

PHOTOGRAPHS

74

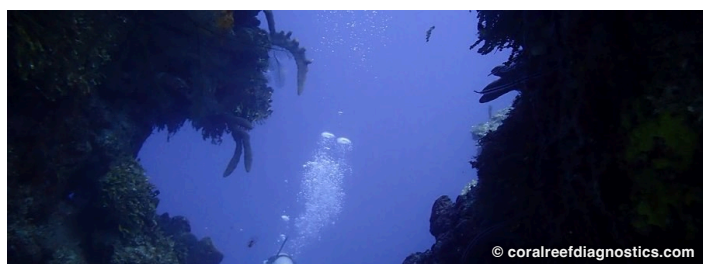
50 on the site page

POSITION

21.6770, -72.4697



The Gully, off West Caicos, is a swim-through cut from about 45 to 75 feet with steep undercut walls lined with corals and big sponges, and schooling fish streaming through it. Caribbean reef sharks, a southern stingray, and spiny lobsters were out at dawn; old dead coral is conspicuous but no bleaching was seen.



CV model comparison (hard-coral cover, %): CoralSCOP edited 18.3 · Claude (edited photos) 7.1

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 74 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/turks-and-caicos-the-gully.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.