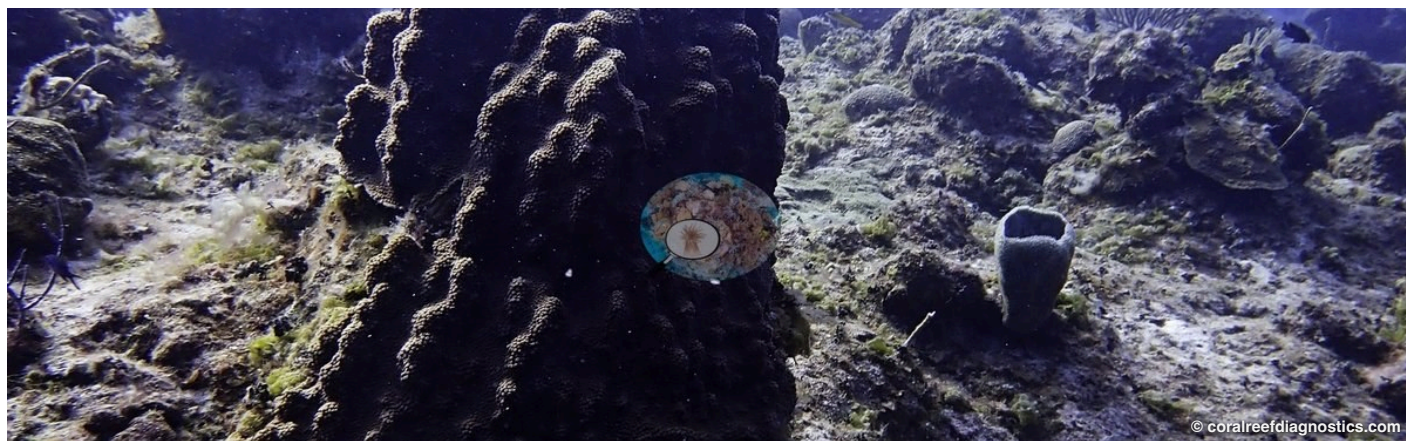


Turks and Caicos - The Amphitheatre

surveyed 2022-08-01



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 55 photographs by the author, read without sight of any other method's result; other computer-vision methods are compared on the site page.

HARD CORAL COVER

12%

Claude computer vision (55 edited photos) · median 9.1%
↘ 28%, 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

32.0 m

WATER TEMP. (SURVEY)

28.3°C

+0.6°C vs the 2022 mean sea temperature (27.7°C)

PHOTOGRAPHS

55

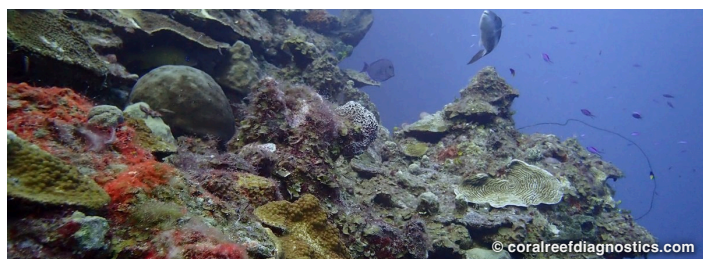
53 on the site page

POSITION

21.8340, -72.3417



The Amphitheatre is a wall off Northwest Point, Providenciales, named for a 30-foot-wide bowl undercut into the wall at 75-85 feet, its rim draped in elephant-ear and rope sponges, with Caribbean reef sharks cruising the blue in front of it. The most important finding was active tissue loss: several corals show bands of stark-white, freshly exposed skeleton, consistent with the tissue-loss diseases then active in the Caribbean.



CV model comparison (hard-coral cover, %): CoralSCOP edited 24.4 · Claude (edited photos) 12.2 · Reef Check 2007 (same site) 16.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 55 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/turks-and-caicos-the-amphitheatre.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.