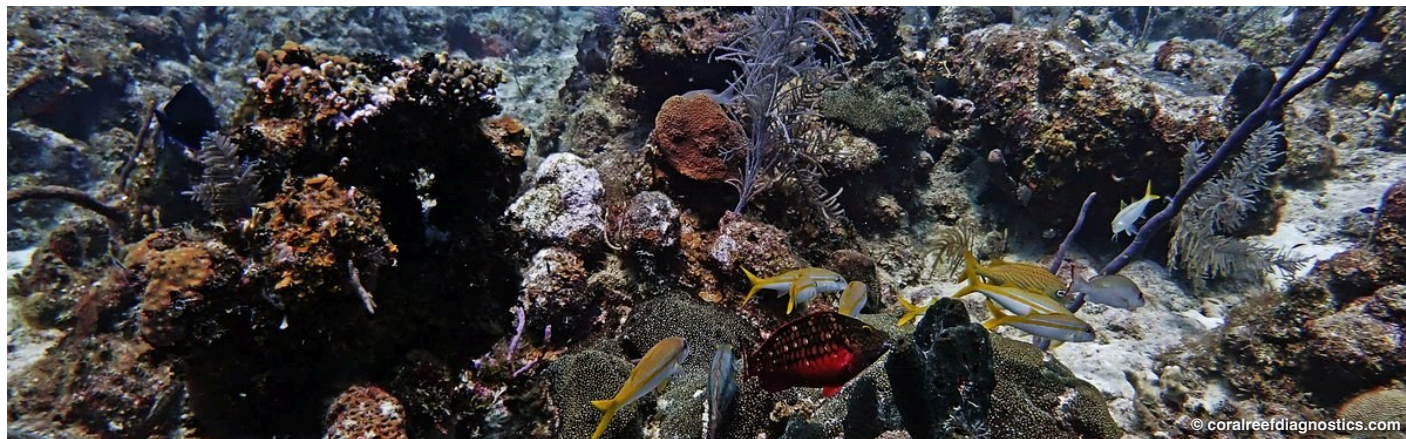


Turks and Caicos - Brandywine

surveyed 2022-08-02



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 94 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

11%

Claude computer vision (94 edited photos) · median 10%

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

28.3 m

deepest of 3 logged dives

WATER TEMP. (SURVEY)

28.3°C

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

PHOTOGRAPHS

94

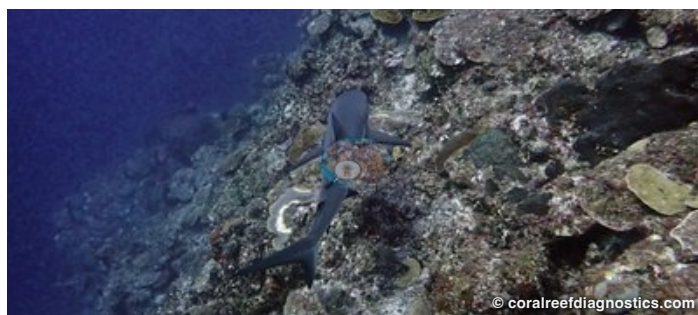
53 on the site page

POSITION

21.6557, -72.4715



Brandywine is a West Caicos wall packed with coral right to the crest, where Caribbean reef sharks stack up along the face, sometimes three at a time, alongside French angelfish, green morays, and a night-hunting octopus. Old dead branching coral litters the pavement, and several colonies show active tissue loss, though bleaching was limited to a single small colony.



CV model comparison (hard-coral cover, %): CoralSCOP edited 19.5 · Claude (edited photos) 11.4

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 94 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/turks-and-caicos-brandywine.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.