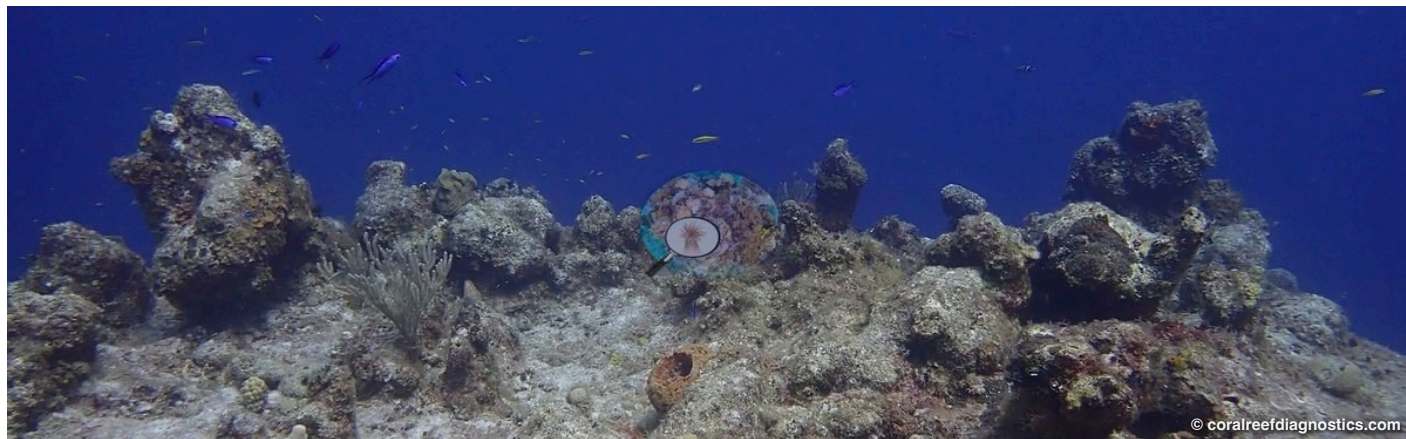


Turks and Caicos - Eel Garden

surveyed 2022-07-31



Coral Health Index: 1.75/5

What was done. No diver transect was run at this site. The figure is a blind Claude computer-vision point classification of 21 photographs by the author (12 edited and 9 unedited originals; edited versions of most of this dive's photos do not exist), 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

20%

Claude computer vision (21 photos) · median 20%
↗ 16%, 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

27.4 m

WATER TEMP. (SURVEY)

28.3°C

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

PHOTOGRAPHS

31

on file for this site

POSITION

21.8343, -72.3410



Low-relief pavement of scattered star, brain, and plate corals off Providenciales' Northwest Point, cut by sand channels and patrolled by Caribbean reef sharks. The main story is coral health: an active white tissue-loss front was spreading across several star corals, some of which had lost a third to two-thirds of their tissue, and a few colonies were bleached.



CV model comparison (hard-coral cover, %): CoralSCOP edited 37.2 · Claude 19.6 · Reef Check 2007 (same site) 16.9

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 of 31 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/turks-and-caicos-eel-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 (Turks and Caicos) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.