Dongsha Atoll - Site 13

South China Sea - Dongsha (Pratas) Atoll · surveyed 2016-04-04



0 — 5

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 37 photographs by the author (0 edited and 37 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 (63 frames) and of the author's dive notes, not a second survey.

HARD CORAL COVER

54%

Claude computer vision (37 photos) · median 65%

MOST RECENT HEAT LOAD RECORD

28.4°C **2.9°C-weeks**

26 Oct 2026 · +1.1°C vs the past-365-day mean (27.3°C) · NOAA Bleaching Watch

HEAT STRESS (5-YR MEAN ANNUAL MAX. DHW)

13.6°C-weeks

NOAA annual peaks averaging 12–16°C-weeks

MAX. DEPTH

4.6 m

deepest of 2 logged dives

WATER TEMP. (SURVEY)

22.0°C

-4.8°C vs the 2016 mean sea temperature (26.8°C)

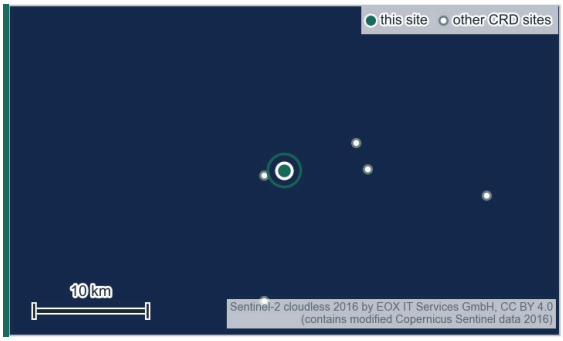
PHOTOGRAPHS

50 in the gallery · 63 on file

POSITION

20.7034, 116.7374

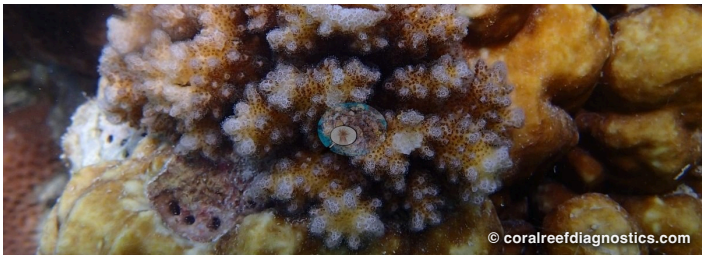
Position from the GPS fix on the author's sampling sheet for this dive.

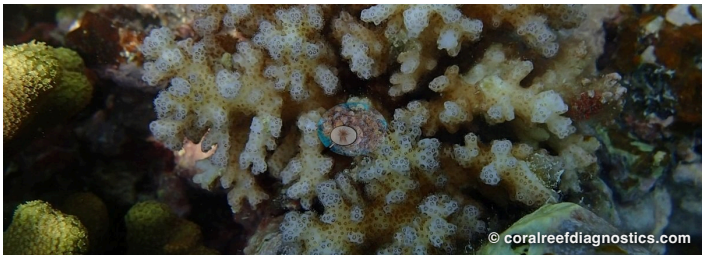




Site 13 at Dongsha Atoll is a vast bank of yellow-green finger corals studded with large massive *Porites*-type domes and striking tiered plate-coral pinnacles two to three meters tall, plus a giant clam. Anderson's sample sheet records one of the twelve branching corals sampled here as about 20% bleached or dead and another with recent partial mortality; derelict fishing line was draped across one massive coral.

繁體中文. 東沙環礁 13 號測站是一大片黃綠色指形珊瑚構成的礁灘，其間點綴著巨大的塊狀 *Porites* 型圓丘，以及高達兩至三公尺、層次分明而醒目的片狀珊瑚塔，另有一顆巨硨磲。Anderson 的採樣紀錄表記載，在此採樣的十二株分枝狀珊瑚中，有一株約 20% 白化或死亡，另一株有近期的部分死亡；一顆塊狀珊瑚上披掛著廢棄漁線。 *本摘要由 AI 翻譯；以英文版本為準。*





CV model comparison (hard coral cover, %): CoralSCOP unedited 35.2 · **Claude 53.9** CoralSCOP (unedited photos) reads 35.2%, 18.7 pp below Claude's blind point count (53.9%); the headline stays Claude's blind point count because no transect or manual count exists here.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 50 in the gallery · 63 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/dongsha-atoll-site-13.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 (Dongsha, Taiwan) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.