# Dongsha Atoll - Site 7 (branching)

South China Sea - Dongsha (Pratas) Atoll · surveyed 2016-04-05




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 16 photographs by the author (0 edited and 16 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 (47 frames) and of the author's dive notes, not a second survey.

HARD CORAL COVER

**30%***

Claude computer vision (16 photos) · median 24%
*Based on only 16 reef-habitat photos; this estimate is less certain.

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

**8.1 m**

WATER TEMP. (SURVEY)

**21–22°C**

written on the sampling sheet, not a dive-computer reading

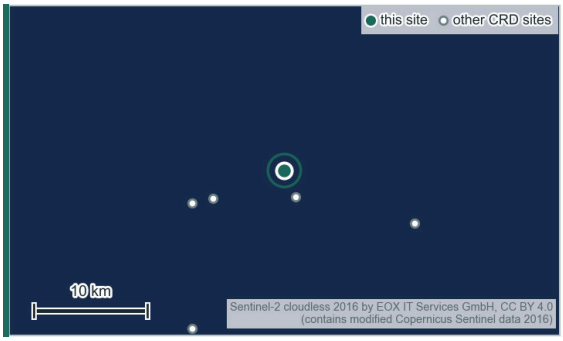
PHOTOGRAPHS

**47 in the gallery · 47 on file**

POSITION

**20.7254, 116.7980**

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

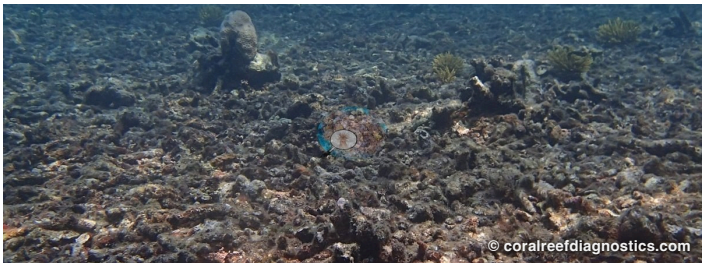


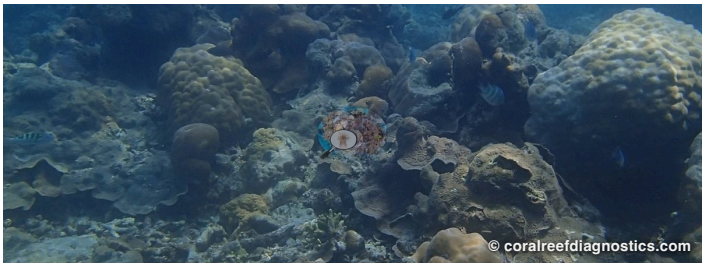




Site 7 at Dongsha Atoll is a patchwork of dense living coral banks and broad stretches of older dead rubble and pavement. Anderson's sample sheet records seven of the eight branching colonies sampled here on 5 April 2016 as healthy and one as lightly pigmented.

**繁體中文.** 東沙環礁第7站是由茂密的活珊瑚丘與大片較老的死珊瑚碎屑和礁盤拼接而成。Anderson 的採樣紀錄表記載，2016年4月5日在這裡採樣的八株枝狀珊瑚群體中，七株為健康，一株色素略淡。 *本摘要由 AI 翻譯；以英文版本為準。*




**CV model comparison (hard coral cover, %):** CoralSCOP unedited 25.2* · **Claude 30.2*** CoralSCOP (unedited photos) reads 25.2%, within 5.0 pp of Claude's blind point count (30.2%). *Based on only 16 reef-habitat photos; this estimate is less certain.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 47 in the gallery · 47 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/dongsha-atoll-site-7-branching.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.