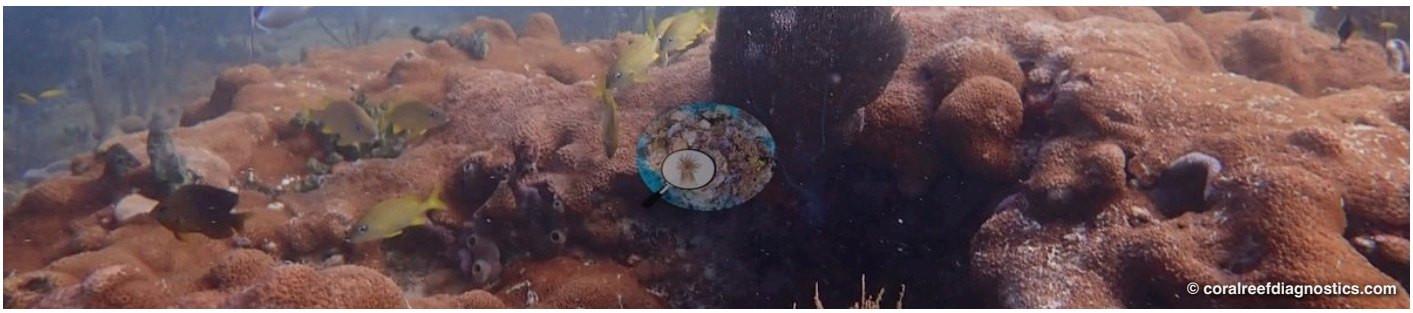
Flamingo Reef (Key Biscayne)

Florida Keys / South Florida · surveyed 2025-11-22



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 49 photographs by the author (0 edited and 49 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 (58 frames) and of the author's dive notes, not a second survey.

HARD CORAL COVER

21%

Claude computer vision (49 photos) · median 16%

MOST RECENT HEAT LOAD RECORD

28.6°C **9.6°C-weeks**

26 Oct 2026 · +0.5°C vs the past-365-day mean (28.1°C) · NOAA alert that day: no stress (water now below the bleaching threshold; 9.6°C-weeks built up over the last 12 weeks)

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

9.4°C-weeks

NOAA annual peaks averaging 8–12°C-weeks

MAX. DEPTH

8.6 m

WATER TEMP. (SURVEY)

25.0°C

-2.4°C vs the 2025 mean sea temperature (27.4°C)

PHOTOGRAPHS

52 in the gallery · 58 on file

POSITION

25.7021, -80.0993

Approximate position.





Flamingo Reef is a low, flat limestone hardbottom off Key Biscayne dotted with sea plumes, giant barrel sponges, and brain corals, with no branching *Acropora* anywhere; its large mounds are draped in the zoanthid *Palythoa*, which Anderson's log says has smothered the reef. Spiny lobsters crowd the ledges, and two colonies have stony coral tissue loss disease (SCTLD, Anderson's field call), and others show white patches or partial mortality.





CV model comparison (hard coral cover, %): CoralSCOP unedited 31.1 · **Claude 20.9** CoralSCOP (unedited photos) reads 31.1%, 10.2 pp above Claude's blind point count (20.9%); 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; 52 in the gallery · 58 on file; watermarked · Full site record: https://api.coralreefdiagnostics.com/site-pages/flamingo-reef-key-biscayne.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 (Southeast Florida) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.