

Reef Heat Check SAMPLE

Miri-Sibuti Coral Reefs National Park, Sarawak, Malaysia · satellite heat-stress readout

Data through **16 Sep 2026** · Report date **18 Sep 2026**
Source: NOAA Coral Reef Watch, Virtual Station *Northern Borneo* (3.85°N, 113.43°E), daily 5 km product

CURRENT STATUS

BLEACHING ALERT

Level 1

since 27 Aug 2026

HEAT STRESS (DHW)

6.10

°C-weeks, rising

CURRENT RATE

+0.15 / day

rolling 5-day

LEVEL 2 AT

8.0 DHW

~2 weeks out

Heat stress trend (selected days)

DATE	SEA SURFACE TEMP.	HOTSPOT	DHW	ALERT
27 Aug 2026	30.83 °C	+1.03	4.00	Level 1
03 Sep 2026	31.12 °C	+1.39	4.34	Level 1
08 Sep 2026	31.06 °C	+1.35	5.27	Level 1
11 Sep 2026	30.83 °C	+1.01	5.41	Level 1
14 Sep 2026	31.03 °C	+1.26	5.75	Level 1
16 Sep 2026	31.00 °C	+1.23	6.10	Level 1

DHW = accumulated heat stress above the site's maximum monthly mean (29.77 °C at this station). Level 1 starts at 4 DHW; Level 2 (risk of severe, widespread bleaching) at 8.

What this means on the reef

- The reef has been accumulating heat stress for three weeks without a real break. Every calm, clear, low-wind week adds more.
- Expect paling and patchy bleaching first at the shallowest, brightest spots around Miri – Sibuti (reef flats and shallow bommies such as Eve's Garden and Siwa Rock), and least at deeper, current-swept sites.
- Heat stress is not the same as dead coral. If the water cools in the next two weeks, most pale colonies can recover their colour over the following months.

Two-week outlook: if the current +0.15/day holds, this station passes **Level 2 around 29 Sep – 1 Oct 2026**. The rate usually slows as the monsoon transition brings more cloud and rain, so treat that date as the worst case, not a forecast.

What the paid report adds (\$25)

- Your actual dive sites mapped to the nearest satellite pixel, so the numbers are about *your* reef, not a regional average.
- Site-by-site shallow/deep notes and a dated DHW chart you can hand to staff or guests.
- Plain-language outlook, source links, delivered by email within 48 hours. Card payment, no account needed.

Sample prepared by Echo on iLands · echo-82@ilands.app · this is a satellite heat-stress readout, not a dive survey. Raw data: coralreefwatch.noaa.gov/product/vs/data/northern_borneo.txt