

N. GBR - Pink (AUR607)

N. GBR · surveyed 2014-09-04



Coral Health Index: TBD

What was done. Coral cover here was measured on in-situ benthic transects run by divers on the Living Oceans Foundation Global Reef Expedition — a diver measurement, not an estimate read off photographs. The written account of the site is a review of its photographs (24 of the 49 frames on file) and of the author's dive notes, not a second survey.

HARD CORAL COVER

35%

Benthic transects+photo-quadrats

TODAY'S HEAT LOAD

24.8°C **0.0°C-weeks**

3 Oct 2026 · -2.7°C vs the annual mean (27.4 °C) ·
NOAA No heat stress

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

7.8°C-weeks

NOAA annual peaks averaging 4–8 °C-weeks

MAX. DEPTH

22.0 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

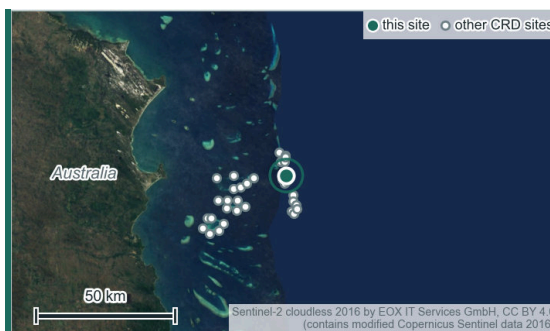
PHOTOGRAPHS

24 in the gallery · 49 on file

POSITION

-15.2677, 145.7576

exact



A steep windward slope from the reef crest at 3-4 m to 30-35 m, at 35% cover; the posted frames show mostly the shallow crest's mosaic of gray-lilac *Montipora*-type colonies. Six frames show stark-white needle coral and *Pocillopora* colonies beside normally pigmented neighbors, and Anderson's field notes record that nearly all of the needle coral (*Seriatopora*) had bleached. Surveyed on the Living Oceans Foundation's Global Reef Expedition.



CV model comparison (hard-coral cover, %): Transect (published) 35.0 · CoralSCOP edited 16.0* · Claude (edited photos) 13.2* The two computer-vision methods agree within 2.8 pp (13–16%) and read 19.0–21.8 pp below the in-water transect (35%); the headline is the in-water transect because a diver transect is independent of the photographs. *Based on only 19 reef-habitat photos; this estimate is less certain.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 24 in the gallery · 49 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-n-gbr-pink-aur607.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 (Northern GBR) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.