

N. GBR - Green (AU96119)

N. GBR · surveyed 2014-09-24



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 and of the author's dive notes, not a second survey.

HARD CORAL COVER

36%

Benthic transects+photo-quadrats

TODAY'S HEAT LOAD

25.2°C

0.0°C-weeks

3 Oct 2026 · -2.5°C vs the annual mean (27.7 °C) ·
[NOAA](#) No heat stress

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

11.1°C-weeks

[NOAA](#) annual peaks averaging 8–12 °C-weeks

MAX. DEPTH

20.5 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

PHOTOGRAPHS

38 in the gallery · 46 on file

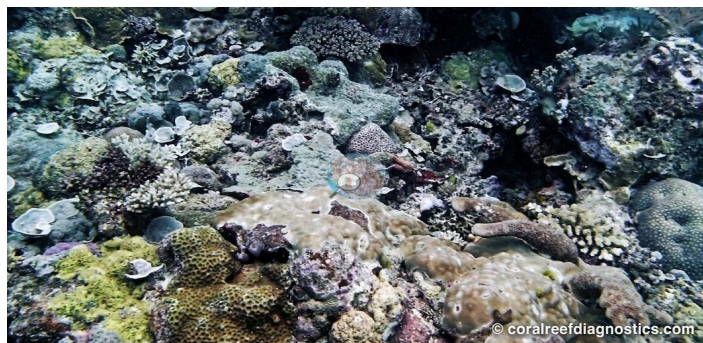
POSITION

-11.4212, 143.9708

exact



Anderson called this stop strikingly beautiful and estimated 80-90% live coral cover by eye along his own 10 m transect (the expedition's point-count transect scored 36%), with dense *Isopora*, *Pocillopora*, and staghorn thickets running unbroken to the limit of visibility, strong recruitment, and tons of small fish. The one blemish was dying or sickly needle coral at 20 m. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 36.0 · CoralSCOP edited 39.1* · Claude (edited photos) 46.9* The two computer-vision methods differ by 7.8 pp (39–47%) and read 3.1–10.9 pp above the in-water transect (36%); the headline is the in-water transect because a diver transect is independent of the photographs. *Based on only 18 reef-habitat photos; this estimate is less certain.

Photographs: Anderson Mayfield/Coral Reef Diagnostics — 3 on this card; 38 in the gallery · 46 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-n-gbr-green-au96119.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 (Far Northern GBR) — a five-year heat history for the station's waters, not a measurement at this site on the dive date.