

N. GBR - Blue (AUHK43)

N. GBR · surveyed 2014-09-10



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

37%

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

22.1 m

dive-log maximum

WATER TEMP. (SURVEY)

—

not logged

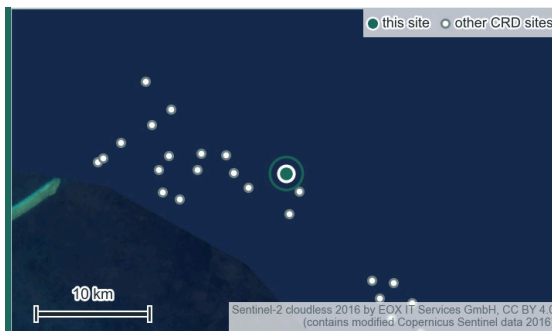
PHOTOGRAPHS

19 in the gallery · 41 on file

POSITION

-14.4440, 145.4994

exact



A sheer wall on Hicks Reef dropping from a crowded 3 m crest of small *Acropora*, *Porites*, and soft corals into 20-30 m visibility, with cover thinning to 5.0-10% on scoured rock by 20 m. Snappers, a large barracuda, and an unidentified egg case were logged, with no bleaching, disease, or crown-of-thorns. Surveyed on the [Living Oceans Foundation's Global Reef Expedition](#).



CV model comparison (hard-coral cover, %): Transect (published) 37.2 · CoralSCOP edited 22.8* · Claude (edited photos) 18.3* The two computer-vision methods agree within 4.5 pp (18–23%) and read 14.4–18.9 pp below the in-water transect (37%); 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; 19 in the gallery · 41 on file; watermarked · Full site record: <https://api.coralreefdiagnostics.com/site-pages/gre-n-gbr-blue-auhk43.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.