



Observed bleaching as at 12 April 2016



FAR NORTHERN MANAGEMENT AREA

SEVERE

Aerial and underwater surveys show severe bleaching. Substantial coral mortality observed at some inshore reefs.

Survey extent: Extensive aerial survey coverage; 156 in-water surveys of 18 reefs (out of 903 reefs) since 1 Feb 2016.

CAIRNS / COOKTOWN MANAGEMENT AREA

MODERATE TO SEVERE

Severe coral bleaching and mortality extends as far south as Port Douglas.

Survey extent: Extensive aerial survey coverage; over 430 in-water surveys of 45 reefs (out of 405 reefs) since 1 Feb 2016. Additional surveys completed by science partners.

TOWNSVILLE / WHITSUNDAY MANAGEMENT AREA

MINOR TO SEVERE

Levels of bleaching range from being mainly minor to moderate, with some severe bleaching. Moderate bleaching extends as far south as Bowen. Minor amounts of coral mortality observed.

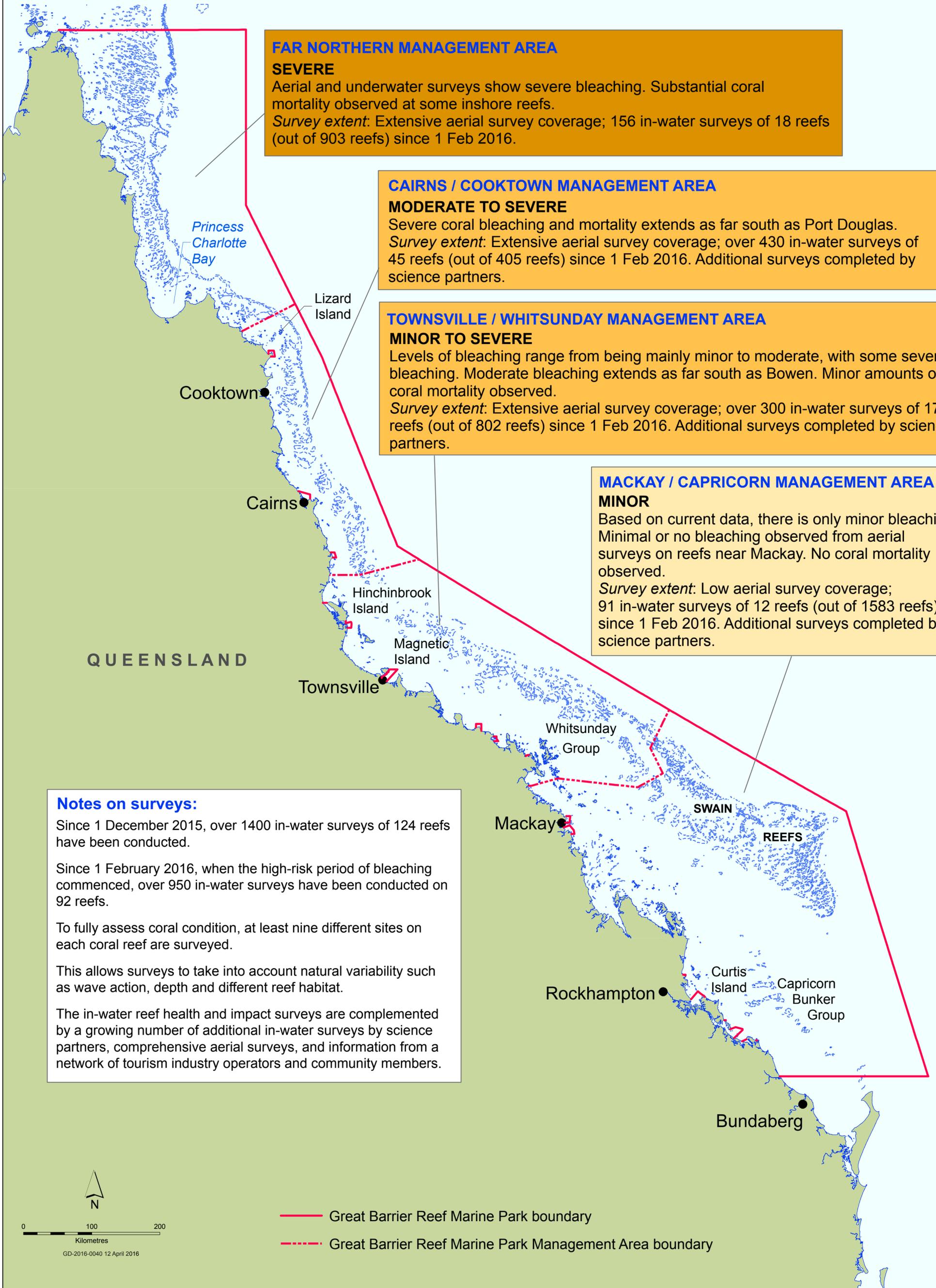
Survey extent: Extensive aerial survey coverage; over 300 in-water surveys of 17 reefs (out of 802 reefs) since 1 Feb 2016. Additional surveys completed by science partners.

MACKAY / CAPRICORN MANAGEMENT AREA

MINOR

Based on current data, there is only minor bleaching. Minimal or no bleaching observed from aerial surveys on reefs near Mackay. No coral mortality observed.

Survey extent: Low aerial survey coverage; 91 in-water surveys of 12 reefs (out of 1583 reefs) since 1 Feb 2016. Additional surveys completed by science partners.



Notes on surveys:

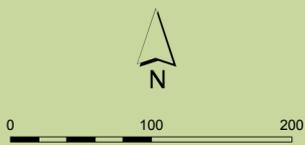
Since 1 December 2015, over 1400 in-water surveys of 124 reefs have been conducted.

Since 1 February 2016, when the high-risk period of bleaching commenced, over 950 in-water surveys have been conducted on 92 reefs.

To fully assess coral condition, at least nine different sites on each coral reef are surveyed.

This allows surveys to take into account natural variability such as wave action, depth and different reef habitat.

The in-water reef health and impact surveys are complemented by a growing number of additional in-water surveys by science partners, comprehensive aerial surveys, and information from a network of tourism industry operators and community members.



- Great Barrier Reef Marine Park boundary
- - - Great Barrier Reef Marine Park Management Area boundary