

REPORT SARD Reporting on data July 2015 to June 2016 Wettropicswaterways.org.au



Measuring Progress The Wet Tropics Report Card tracks changes in the condition of our waterways. It allows us to measure the progress being made by the many innovative caretakers in our region who are working hard to

ensure the future health of our waterways.

It also enables us to determine how and where to focus our efforts as a community to improve waterway health.

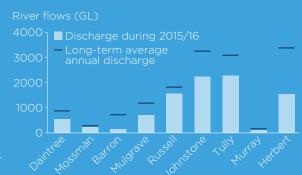
For 2015-16 the majority of Wet Tropics waterways are graded as good or moderate. These results reflect a continuation of low rainfall conditions.

We are tracking these results over time. Go to www.wettropicswaterways.org.au to track trends.

Fish barriers New research undertaken by the Partnership shows that the movement of fish between freshwater and estuaries is less impacted by barriers than other regions. Most basins were graded good or very good.

Climate

Climatic conditions were similar to the previous reporting period with continuing below average rainfall in most basins. Lower rainfall years can result in reduced sediment, pesticide and nutrient runoff. Discharges from major rivers continued to be below long-term averages.



These monitored rivers do not align with reported estuaries

Invasive Weeds

Invasive weeds cause major impacts on waterway health. The Murray and Herbert basins were identified as experiencing the greatest impact (very poor). The basins experiencing least impact were the Tully (very good) and Mulgrave (good).



Waterway grades 2015-16

The science behind the grades

These waterway grades were developed by analysing and integrating scientific monitoring data the Partnership to present a more contributed by many organisations. This process was overseen by an independent panel of scientists.

Timing

This Report Card, although release in 2017, presents data from July 2015-June 2016. The time delay is due to the time required for quality control, scientific analysis and expert review.

Extra monitoring

Last year's Wet Tropics Pilot Report Card identified a number of monitoring gaps, some of which have since been addressed by complete picture of waterway health.

For the 2015-16 reporting period an additional four estuaries have been monitored for water quality, and both the Cairns Regional Council and Cassowary Coast Regional Council expanded their estuary monitoring to include additional indicators selected for the Wet

Tropics Report Card.

Since the release of the Pilot Report Card last year, the Partnership has applied improvements to the methodology used to generate estuary and freshwater basin scores, and the offshore coral index. applied to both the 2014-15 and

More detailed information about the grades and the methods used to generate them can be found on

wettropicswaterways.org.au

Changed methodology

The revised methodology has been

economic growth FRESHWATER FRESHWATER

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Murray

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Ravenshoe

B FRESHWATER Johnstone

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Mareeba

Regional drivers

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climate

5

Port Douglas Mossman

Legend



Freshwater

indicators

Habitat and

hydrology

Mossman

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Estuary

indicators

Habitat and

hydrology















quality

























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raded good overall. It is raded good for water uality and moderate for



raded moderate overall. I graded good for water





graded good for water drology.



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Barron

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ne Dickson Inlet is graded bod for habitat and rdrology. There is uality grade.





graded good for water uality and moderate for nabitat and hydrology.





The Wet Tropics Healthy Waterways Partnership

The Wet Tropics Report Card has been developed by the Wet Tropics Healthy Waterways Partnership as an initiative of the Reef 2050 Long-Term Sustainability Plan. Our aim is to conserve the natural values of our region and improve the condition of our freshwater and estuary waterways that flow to the Great Barrier Reef. The Partnership brings together community, industry, researchers, businesses and all levels of government.

Partnering for healthy tropical waterways and vibrant communities

wettropicswaterways.org.au



Thanks to our partners























































































**CANEGROWERS Cairns, CANEGROWERS Herbert River, CANEGROWERS Innisfail, CANEGROWERS Mossman, CANEGROWERS Tablelands, CANEGROWERS Tully

Acknowledgements

The Wet Tropics Healthy Waterways Partnership would like to acknowledge the following organisations for their contribution to the Wet Tropics Report Card: Australian Institute of Marine Sciences; Australian Marine Debris Initiative; Department of Science, Information, Technology & Innovation; James Cook University; CSIRO; Tourism Tropical North Queensland; Department of Natural Resources & Mines; Department of Agriculture & Fisheries; Mackay Whitsunday Healthy Rivers to Reef Partnership.

Design and layout

Kate Hodge, Hodge Environmental

Photo credits

Terrain NRM, Cairns Marine, Carefish, Tangaroa Blue, Wet Tropics Management Authority

Released

5 December, 2017

Contact information

Suzanne Jenkins - Executive Officer Wet Tropics Healthy Waterways Partnership E: info@wettropicswaterways.org.au P: 0429 918934