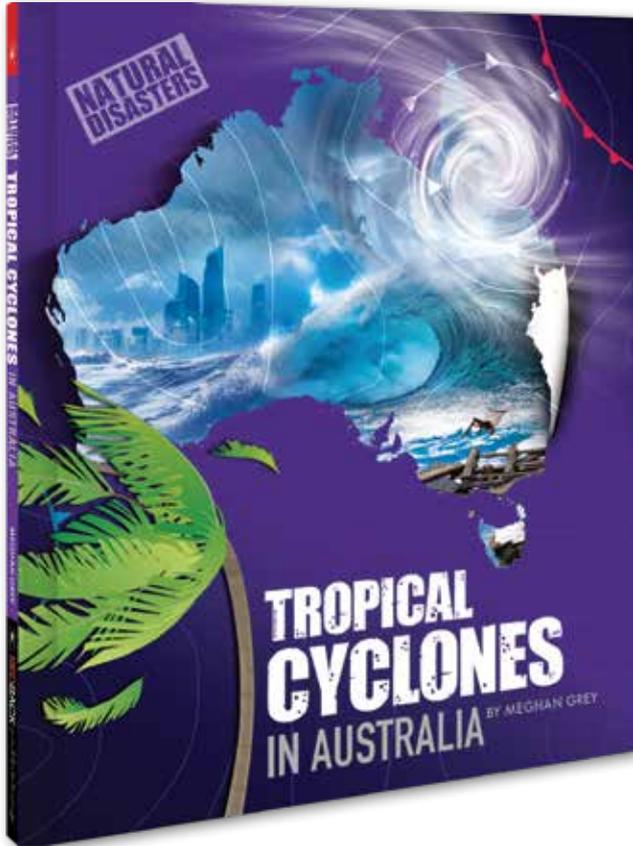




TROPICAL CYCLONES IN AUSTRALIA

NATURAL DISASTERS



SERIES Natural Disasters
TITLE Tropical Cyclones in Australia
AUTHOR Meghan Grey
PUBLISHER Redback Publishing
(Also online at REDeBOOKS.com.au)
PUBLICATION DATE April 2026
ISBN 978-1-761401-89-3
PRICE \$29.99
FORMAT Hardback, 277x223mm
EXTENT 32 pages, full-colour
GENRE Children's non fiction,
Geography
AGE SUITABILITY Interest age 7-12 years
READING AGE Primary school years 3 to 6
BIC/CBMC YQG/D5N79

ABOUT THE SERIES

Droughts, floods, cyclones and bushfires have influenced Australia for thousands of years. Some native plants and animals have even adapted to the unavoidable recurrence of these destructive forces of nature. How is climate change affecting these cycles of nature, and how are Australia's farms, cities and bushland affected?

ABOUT THE BOOK

Tropical cyclones regularly bring devastation to Australia. In this book, find out how tropical cyclones form and how Australia responds to them. Read about the destruction they cause and learn how people in cyclone-prone areas prepare for each storm. How will climate change affect these forces of nature? You might be surprised by the answer.



CONTENTS

What is a Tropical Cyclone?

How a Tropical Cyclone Forms

Where Do Tropical Cyclones Occur?

Features of a Tropical Cyclone

Tropical Cyclone Categories

Safety During a Tropical Cyclones

Living in an Area Prone to Tropical Cyclones

Things to Consider at Various Times

Things to Remember

Wild Weather and Wildlife

Emergency Services

Long Term Impact

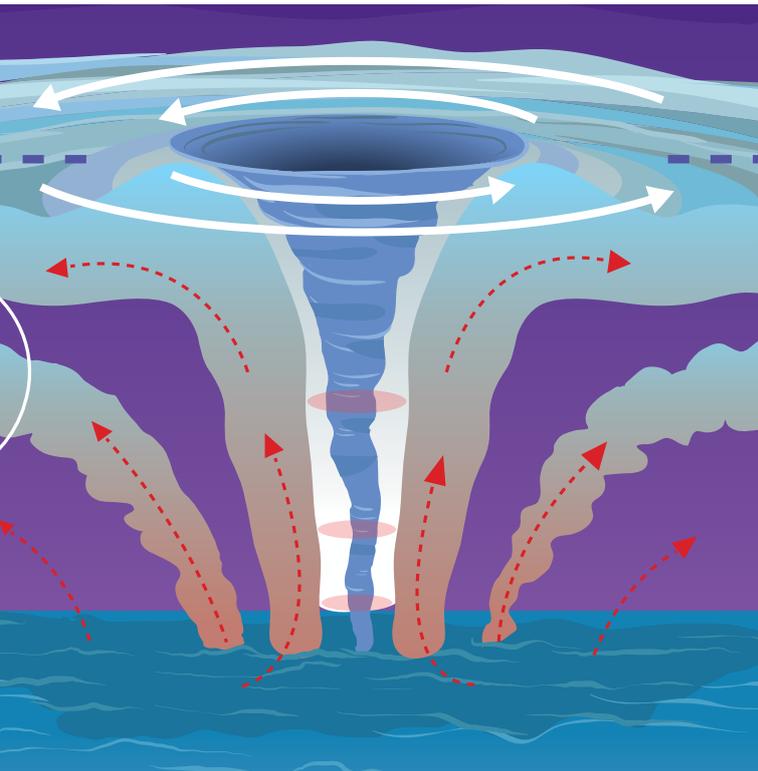
Australia's Worst Tropical Cyclones

Australia's Most Devastating Christmas

How Cyclones Get Their Names

How Climate Change Affects Tropical Cyclones.

Glossary and Index



TEXT AND ILLUSTRATIONS

The text is accompanied by images and illustrations of actual tropical cyclones that have happened in Australia, as well as infographics showing the stages of cyclone formation in a clear, coherent and age-appropriate way.

This book includes distribution maps for cyclone-prone areas as well explanations for why some places are more affected than others. It also features explicit details on the causes and risks of cyclones, as well as instructions on safety procedures during a cyclone.

The straightforward text and realistic images ensure that primary-age children understand the science behind natural phenomena, and also know how to keep themselves safe during a cyclone.

CLASSROOM DISCUSSION IDEAS

FORMATION OF A CYCLONE

Turn to page 6 of *Tropical Cyclones in Australia* by Meghan Grey and as a class read through the stages of the formation of a tropical cyclone. Discuss the weather and pressure conditions needed for this to occur and why this only happens in certain parts of Australia.

'IN THE EYE OF THE STORM'

Being in the 'eye of the storm' is a common idiom that people say. It refers to being calm or peaceful while being surrounded by chaos and disaster. Discuss how the expression relates to the actual phenomenon of being in the centre of a cyclone.



CLASSROOM ACTIVITIES

ACTIVITY 1

Aims of This Activity

- Understand what to do in an emergency situation.

Description of Activity

1. Students are to create an infographic of safety procedures during a tropical cyclone.
2. The infographic should have clear and easy-to-follow instructions for what to do in the case of an emergency.
3. Each instruction should be accompanied by a clear and relevant image.
4. These infographics can be done on paper or created digitally.

Extension activity

Students can create a safety video, with each safety measure clearly explained and demonstrated visually.

ACTIVITY 2

Aims of This Activity

- To understand the long term impacts of a tropical cyclone.

Description of Activity

1. Students are to write a fictional news article as a reporter investigating the impact on a town 15 years after a tropical cyclone.
2. They are to name the cyclone, decide which Category it was and describe at least three long term impacts endured by the community.
3. They may include fictional interviews with locals describing their experiences, but they should use the text in *Tropical Cyclones in Australia* by Meghan Grey, to guide their research and ensure accurate information.

Extension activity

Students may do research and investigate a real tropical cyclone and create a report on how that has impacted the local community.

AUSTRALIAN CURRICULUM

YEAR 4

GEOGRAPHY (AC9HS4K05) - the importance of environments, including natural vegetation and water sources, to people and animals in Australia and on another continent.

YEAR 5

GEOGRAPHY (AC9HS5K05) - the management of Australian environments, including managing severe weather events such as bushfires, floods, droughts or cyclones, and their consequences.





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