

Cyclones

Text A

A tropical cyclone is a circular storm that forms over warm oceans. When a tropical cyclone hits land, it brings heavy rains and strong winds. The winds can destroy buildings and rip out trees by their roots.



A cyclone has three main parts: the eye, the eye wall and the cloud chains. The eye is the centre of the storm. It can be 10 to 100 kilometres wide. The eye wall is the part where the wind is rotating around the eye very fast. Cloud chains form around the storm and make the cyclone bigger.

Text B

Cyclones are measured by the speed of the wind.

Category	Wind Speed - Kilometres per hour
1	Up to 130
2	130 to 160
3	160 to 225
4	225 to 280
5	More than 280

In February 2015 two cyclones crossed the Australian coast.

- **Lam**, a category 4 cyclone crossed the Northern Territory (NT) coast.
- **Marcia**, a category 5 cyclone crossed the Queensland (QLD) coast.

The cyclones caused wind damage and floods.

Some people stayed safe in shelters.

Cyclones

Questions

Text A

Answer true or false

- a. Cyclones form over warm water. T / F
- b. A cyclone has two main parts. T / F
- c. The eye can be up to 130 kilometres wide. T / F
- d. Cloud chains make the cyclone larger. T / F

Text B

Complete the sentences

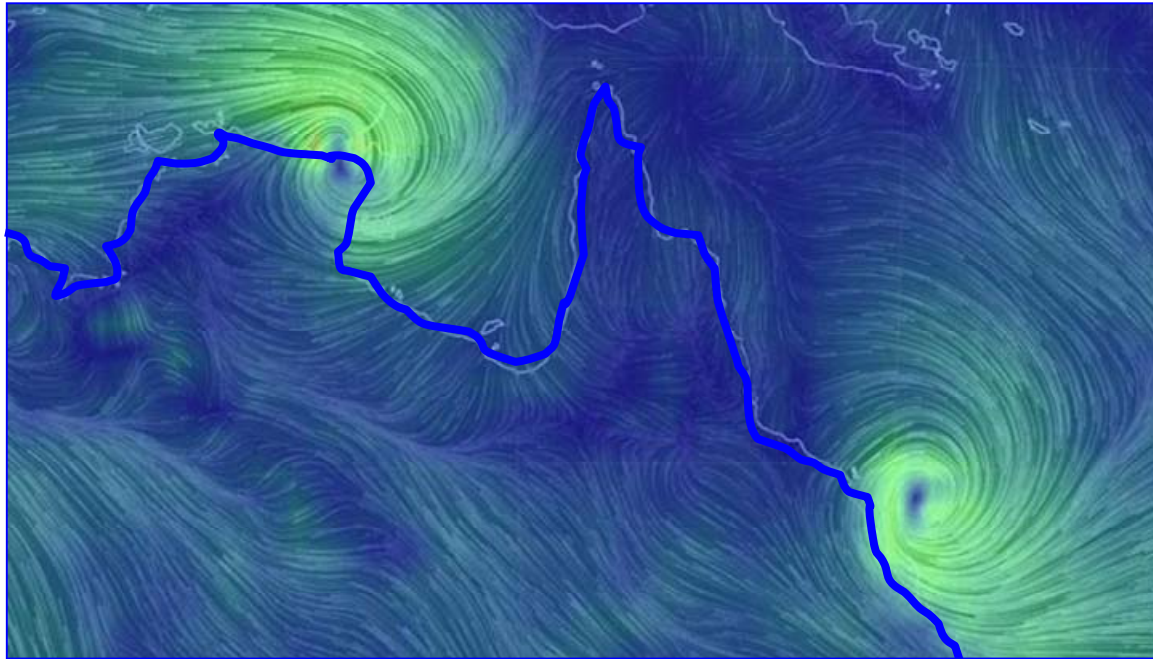
- a. Cyclone Marcia was Category
- b. Its wind speed was
- c. Marcia crossed the coast in
- d. Cyclone Lam was Category
- e. Its wind speed was
- f. Lam crossed the coast in the

Answer the questions

- g. Which cyclone had the fastest winds?
- h. What damage did the cyclones cause?
- i. Where did people go to be safe?

Cyclones

WIND MAP



CYCLONE PATHS



Name _____ Date _____

Cyclones

Show the February 2015 cyclone paths on the map and fill in the table.



Name	Category	Place

Name _____ Date _____

Cyclones

Copy the words below. (preEntry – E1)



There is damage to the beach.



Cyclone



Wind



Floods



The boy is looking at the floods at Rockhampton Airport.



Cyclones

Word Search (E1-2)

circular cloud cyclone damage eye floods

heavy rain safety shelter storm wall wind

c	l	o	u	d	w	e	t
b	h	e	a	v	y	p	o
r	a	i	n	b	e	y	e
c	y	c	l	o	n	e	x
a	d	a	m	a	g	e	r
f	l	o	o	d	s	n	h
s	h	e	l	t	e	r	y
c	i	r	c	u	l	a	r
w	a	l	l	w	i	n	d
k	l	s	t	o	r	m	b
s	a	f	e	t	y	f	l

Name _____ Date _____

Cyclones

Word Search (E3-L1)

Words go in all directions including diagonally and backwards.

CIRCULAR CLOUD CYCLONE DAMAGE EYE FLOODS
HEAVY RAIN SAFETY SHELTER STORM WALL WIND

R A L U C R I C Q V J E
N H Z P V Y M K U F P G
G Q Q S D T T R A I N A
I V L G Y V B E C S W M
S H E L T E R Y F I W A
E Y L M J H C S N A S D
N Y V N R L B D H D S N
Q R E A O O P G O V J D
Y W Y N E O T O L O P F
L E E I Q H L S J L U M
D U O L C F I G M O A Z
Z M J L D T O F E U D W

Cyclones – suggested answers

Name	Category	Place
Lam	4	Northern Territory
Marcia	5	Queensland

Text A

Answer true or false

- a. Cyclones form over warm water. ☐ T / F
- b. A cyclone has two main parts. T / ☐ F
- c. The eye can be up to 130 kilometres wide. T / ☐ F
- d. Cloud chains make the cyclone larger. ☐ T / F

Text B

Complete the sentences

- a. Cyclone Marcia was Category 5.
- b. Its wind speed was more than 280 km per hr.
- c. Marcia crossed the coast in Queensland.
- d. Cyclone Lam was Category 4.
- e. Its wind speed was 125 to 280 km per hr.
- f. Lam crossed the coast in the Northern Territory.

Answer the questions

- g. Which cyclone had the fastest winds? Marcia
- h. What damage did the cyclones cause? Wind damage and floods
- i. Where did people go to be safe? Shelters

Word Search (E3-L!)

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R A L U C R I C + + + E
+ + + + + Y + + + + + G
+ + + + + + T R A I N A
+ + + + + + + E C + W M
S H E L T E R Y F I + A
E Y + M + + C + N A S D
+ Y V + R L + D + D S +
+ + E A O O + + O + + +
+ + + N E + T O L + + +
+ + E + + H L S + L + +
D U O L C F + + + + A +
+ + + + + + + + + + W

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