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**GEOGRAPHY  
HIGHER LEVEL AND STANDARD LEVEL  
PAPER 2 – RESOURCES BOOKLET**

Monday 19 May 2014 (morning)

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**INSTRUCTIONS TO CANDIDATES**









- Do not open this resources booklet until instructed to do so.
- Use the resources as appropriate to the questions in paper 2.

**Optional Theme A — Freshwater – issues and conflicts**

1. The satellite image shows the area around the Australian city of Rockhampton flooded by the Fitzroy River in 2011.



**Key to colours:**

	vegetation		Bruce Highway
	water		normal channel of Fitzroy River
	edge of city		airport
	airport runways		park

[Source of underlying image: [www.earthobservatory.nasa.gov](http://www.earthobservatory.nasa.gov)]

**Optional Theme B — Oceans and their coastal margins**

4. The photographs A and B show two coastal areas.

**Photograph A**



[Source: © International Baccalaureate Organization, 2012]

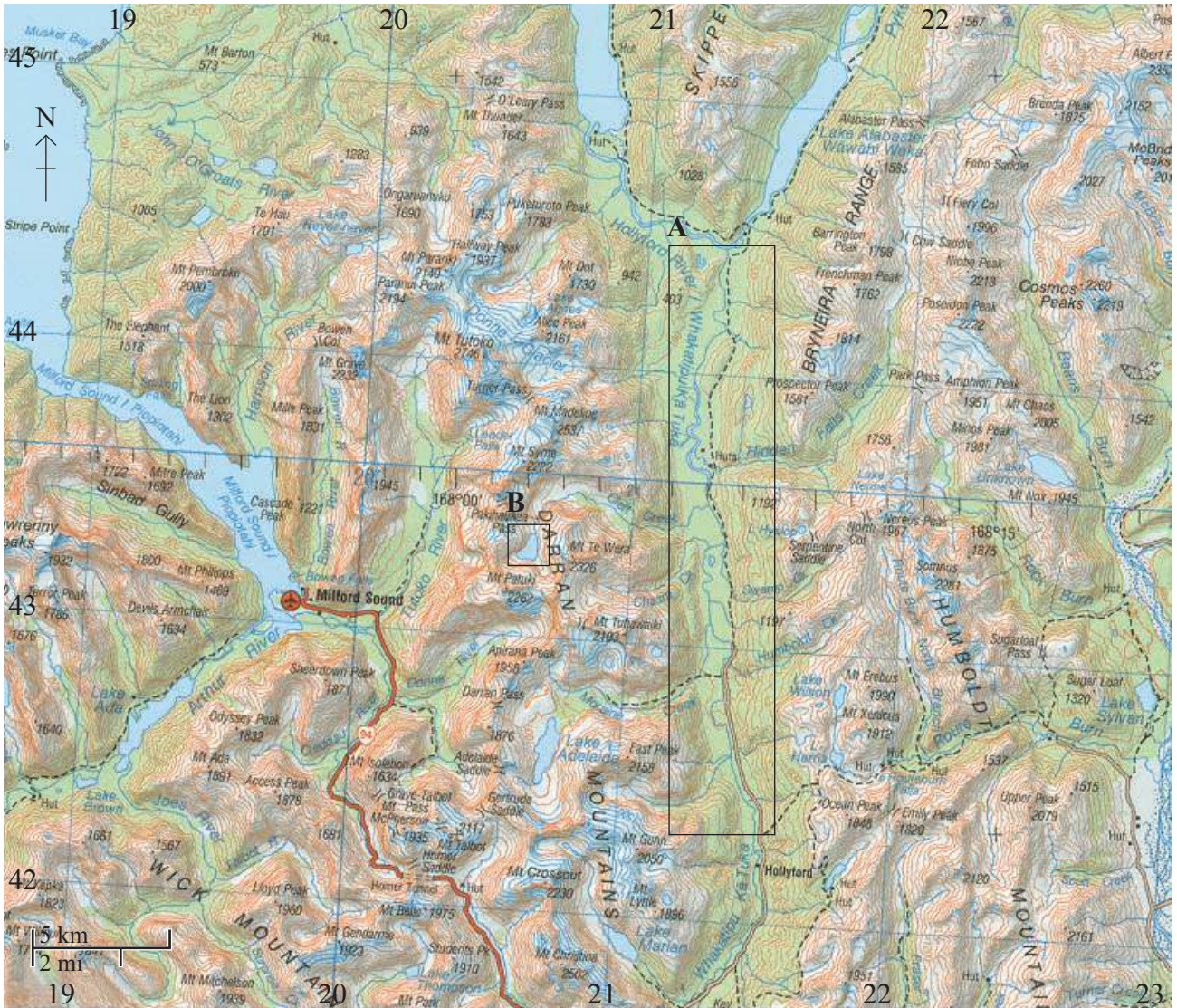
**Photograph B**



[Source: www.bgs.ac.uk]

**Optional Theme C — Extreme environments**

- 5. The map extract shows a glaciated area of South Island, New Zealand. The scale of the map is 1:250 000. The contour interval is 100 m.



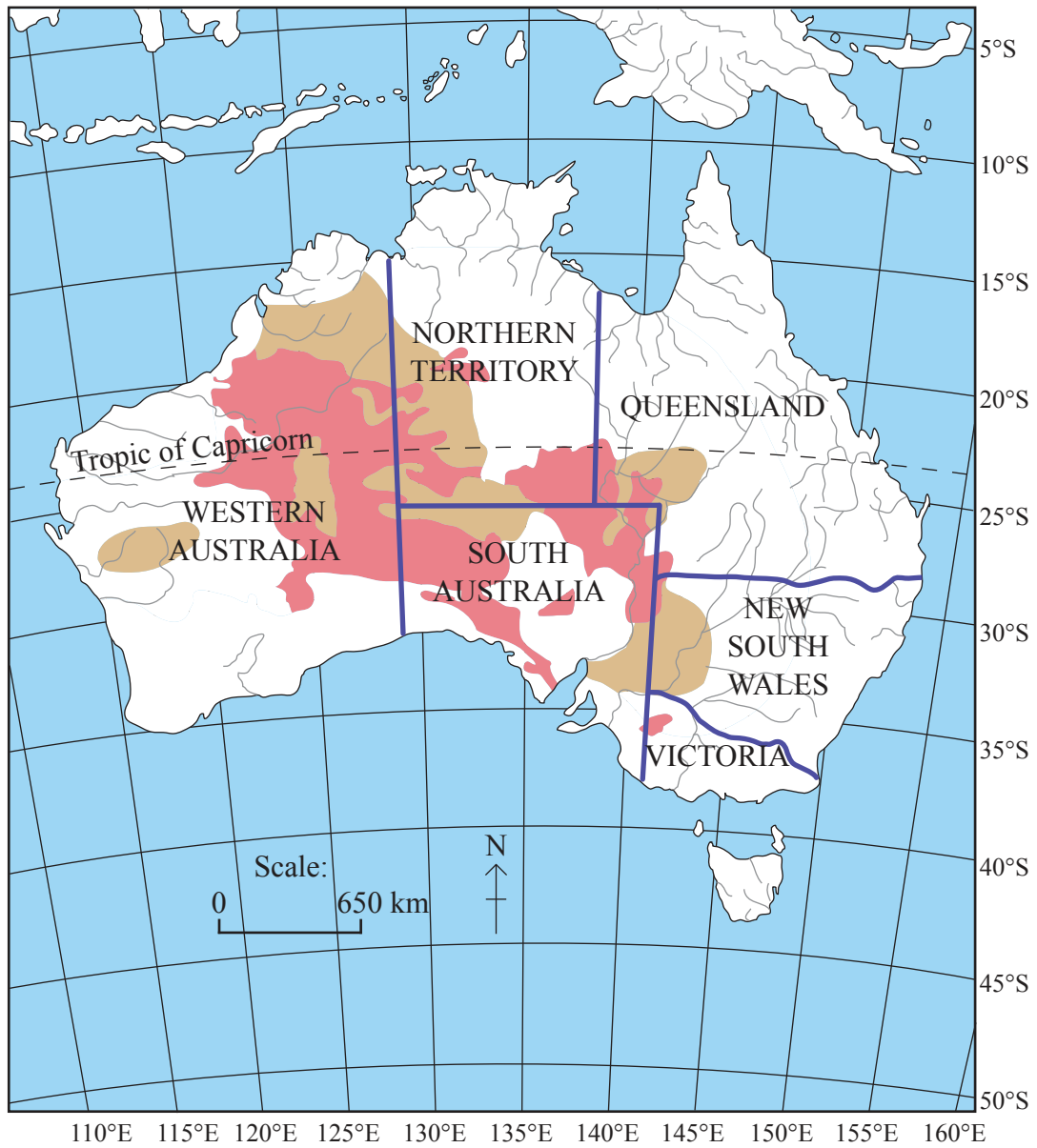
[Source: This work is based on LINZ's data which are licensed by Land Information New Zealand (LINZ) for re-use under the Creative Commons Attribution 3.0 New Zealand licence.]

<b>Key:</b>	
<b>ROADS AND TRACKS</b>	
State highway .....	
Four lanes or more .....	
Two lanes (includes passing lanes) .....	
Narrow road .....	
Vehicle track .....	
Foot track .....	
<b>MISCELLANEOUS</b>	
Residential area .....	
Large buildings .....	
Isolated building .....	
Homestead, stockyard .....	
<b>RELIEF FEATURES</b>	
Index contour .....	
Intermediate contours .....	
Perennial snow and ice contours .....	
Supplementary contour .....	
Depression contours .....	
Shallow depression, small depression or shaft .....	
Beaconed trig station (with trig identification code) .....	
Elevation in metres .....	
Cliff, terrace, slip .....	
Rock outcrops .....	
Stopbank, cutting .....	
<b>WATER FEATURES</b>	
Coastal rocks .....	
Shoal or reef .....	
Sand and mud .....	
Sand .....	
Shingle .....	
Swamp .....	
Boat ramp .....	
Breakwater, wharf, jetty .....	
Slipway .....	
Marine farm, seawall .....	
<b>VEGETATION FEATURES</b>	
Native forest .....	
Exotic coniferous forest .....	
Exotic non-coniferous forest .....	
Scrub .....	

[Source: This work is based on LINZ's data which are licensed by Land Information New Zealand (LINZ) for re-use under the Creative Commons Attribution 3.0 New Zealand licence.]

**Optional Theme C — Extreme environments**

6. The map of Australia shows regions that are at high risk of desertification.



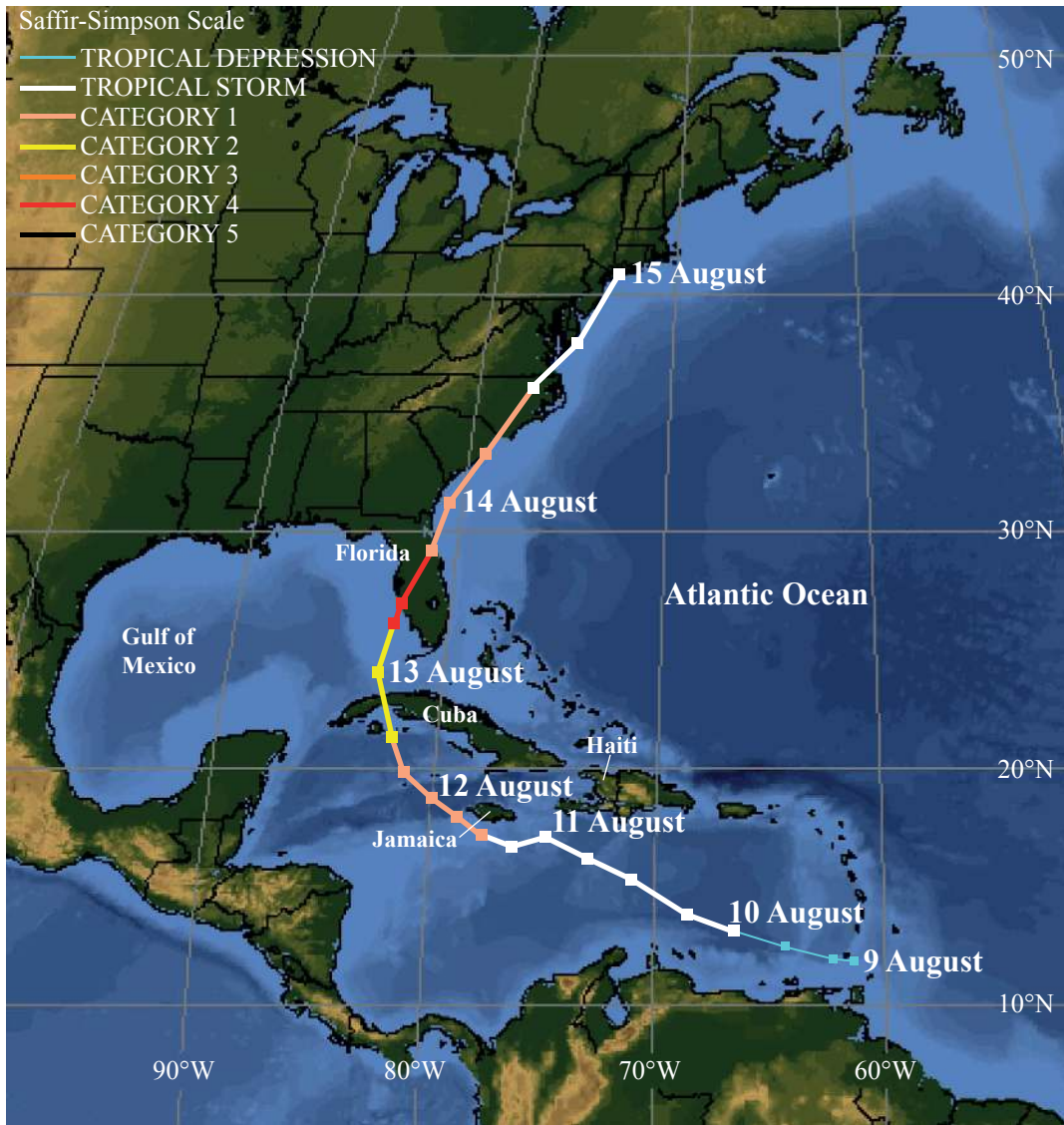
**Key:**

- Existing deserts
- Areas with a high risk of desertification
- Rivers

[source: adapted from *Philip's Australian School Atlas*, page 20]

**Optional Theme D — Hazards and disasters – risk assessment and response**

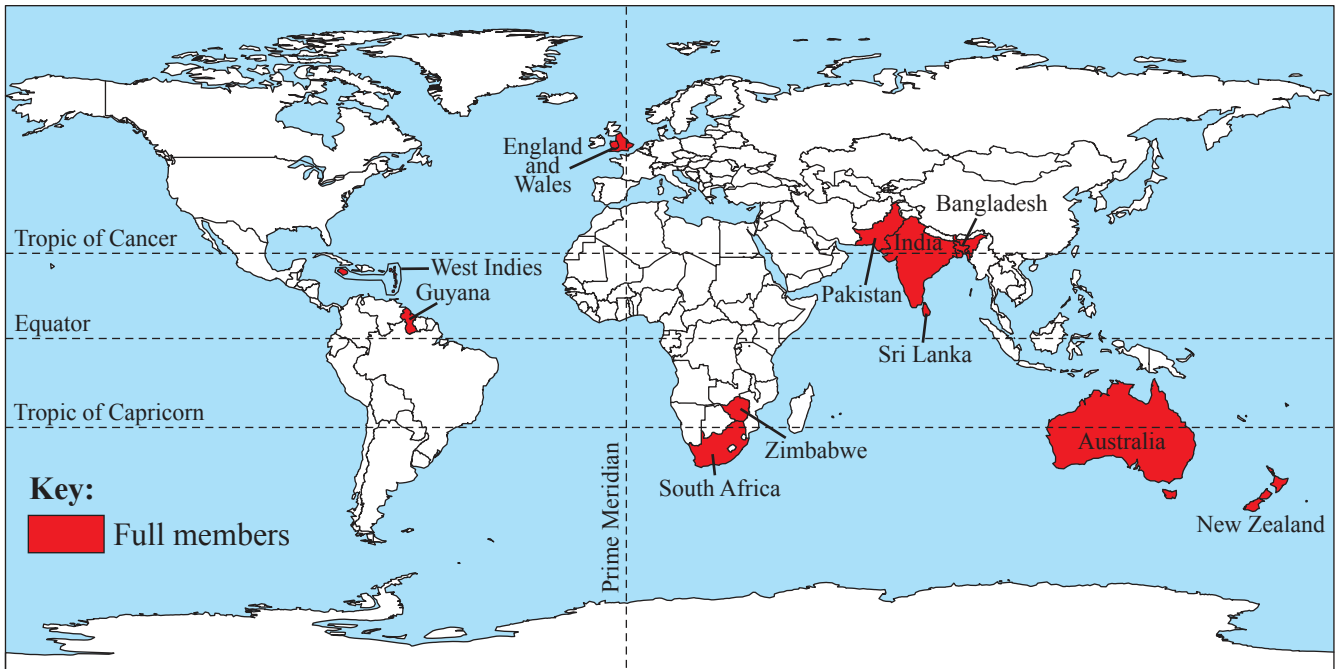
- 7. The map shows the track of Hurricane Charley in August 2004 and changes in the intensity of the storm. Dates are also shown.



[Source: adapted from CIMSS image at <http://tropic.ssec.wise.edu>]

**Optional Theme E — Leisure, sport and tourism**

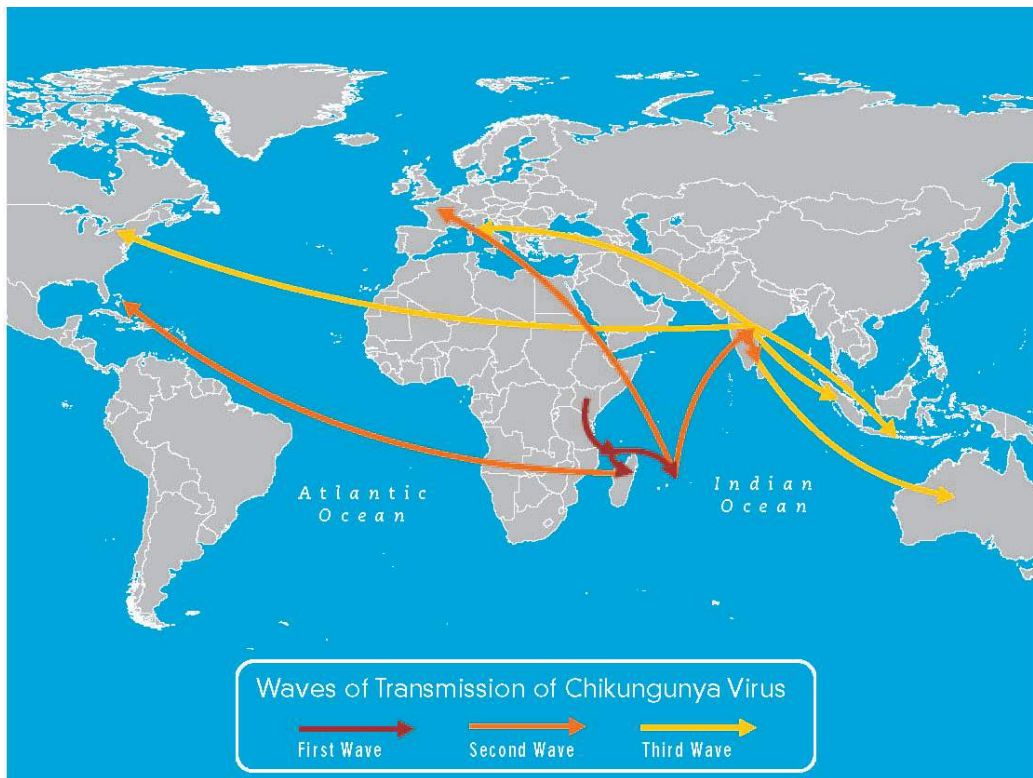
10. The map shows participating teams for one international sport.



[Source: Copyright © www.mapsofworld.com]

**Optional Theme F — The geography of food and health**

11. The map shows the spread of a disease between 2005 and 2009.



[Source: Used with permission from the CDC.]