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

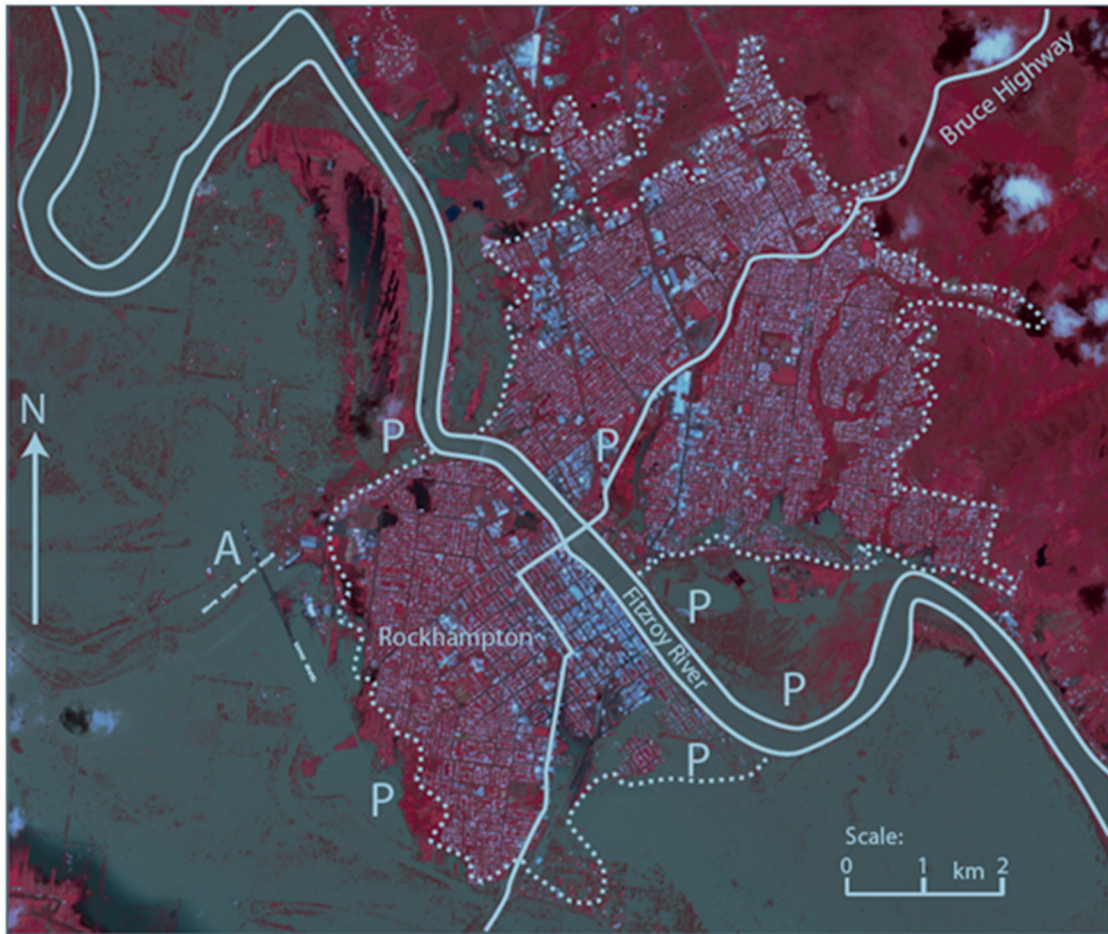
Monday 19 May 2014 (morning)

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]

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.



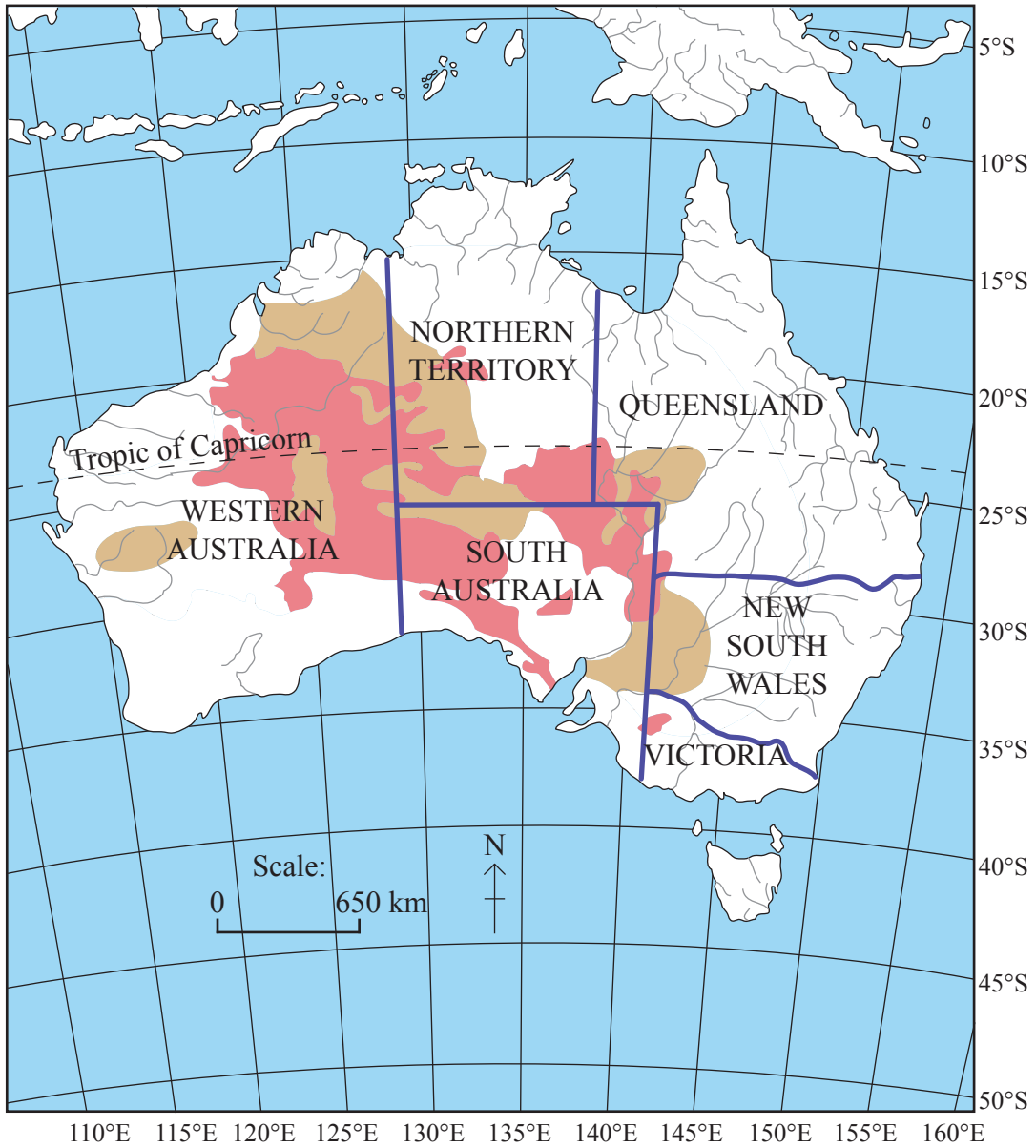
[Source: This work is based on LINZ's data which are licensed by Land Information New Zealand (LINZ) for re-use under the Creative Commons Attribution 3.0 New Zealand licence.]

Key:	
ROADS AND TRACKS	
State highway	
Four lanes or more	
Two lanes (includes passing lanes)	
Narrow road	
Vehicle track	
Foot track	
MISCELLANEOUS	
Residential area	
Large buildings	
Isolated building	
Homestead, stockyard	
RELIEF FEATURES	
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	
WATER FEATURES	
Coastal rocks	
Shoal or reef	
Sand and mud	
Sand	
Shingle	
Swamp	
Boat ramp	
Breakwater, wharf, jetty	
Slipway	
Marine farm, seawall	
VEGETATION FEATURES	
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

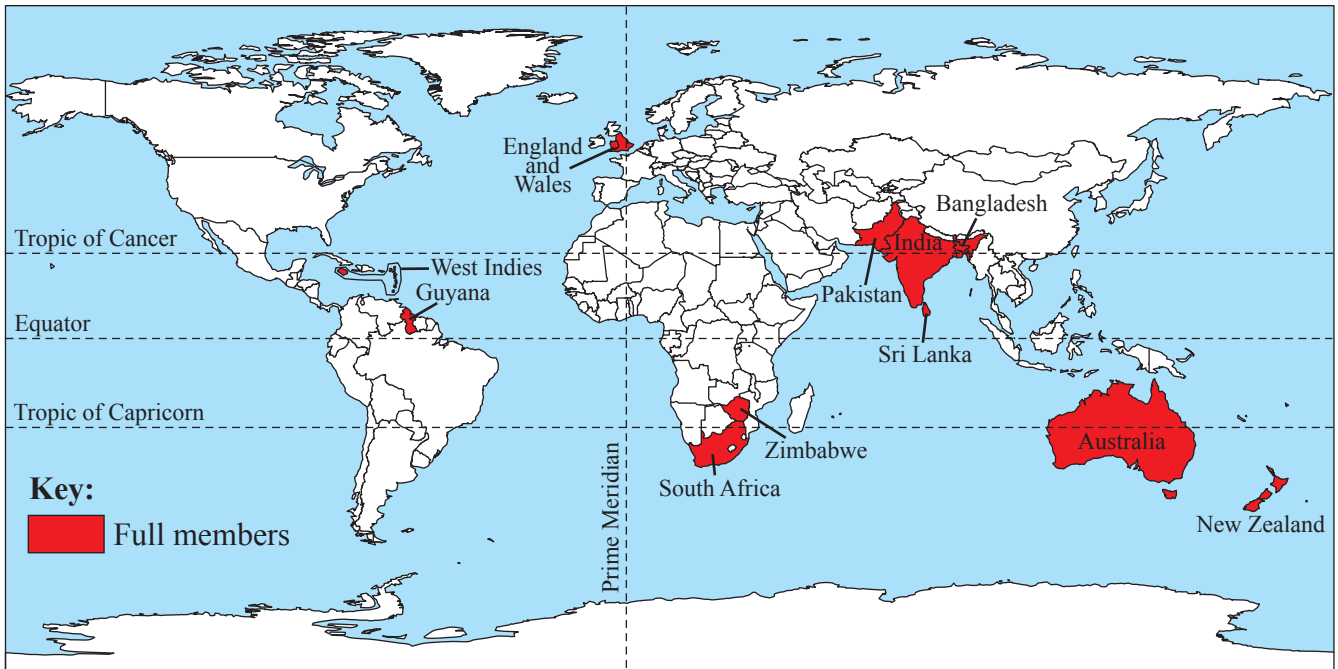
- 7. The map shows the track of Hurricane Charley in August 2004 and changes in the intensity of the storm. Dates are also shown.



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

Optional Theme E — Leisure, sport and tourism

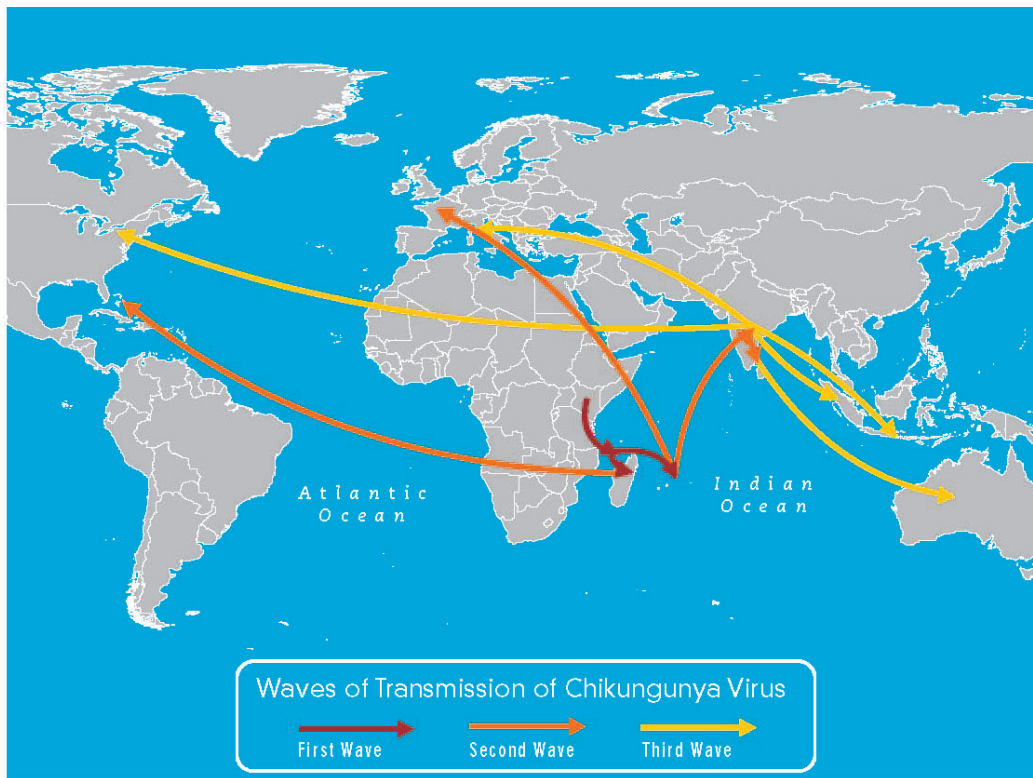
10. The map shows participating teams for one international sport.



[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.]