



# basic education

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

## **NATIONAL SENIOR CERTIFICATE**

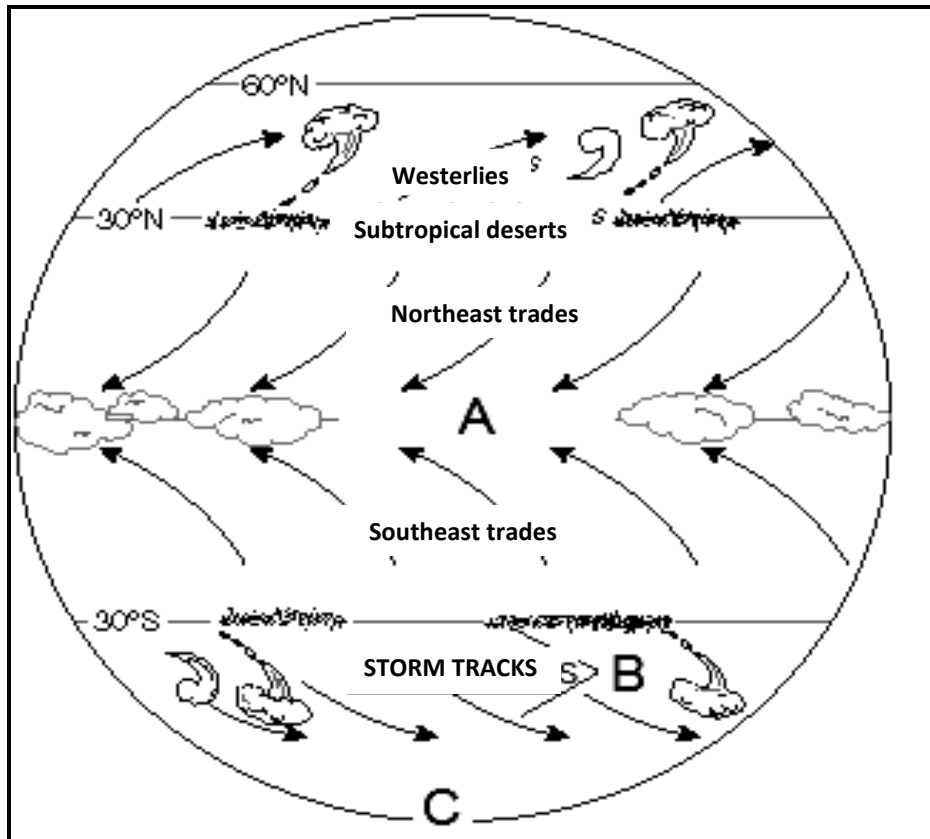
**GRADE 12**

**GEOGRAPHY P1**

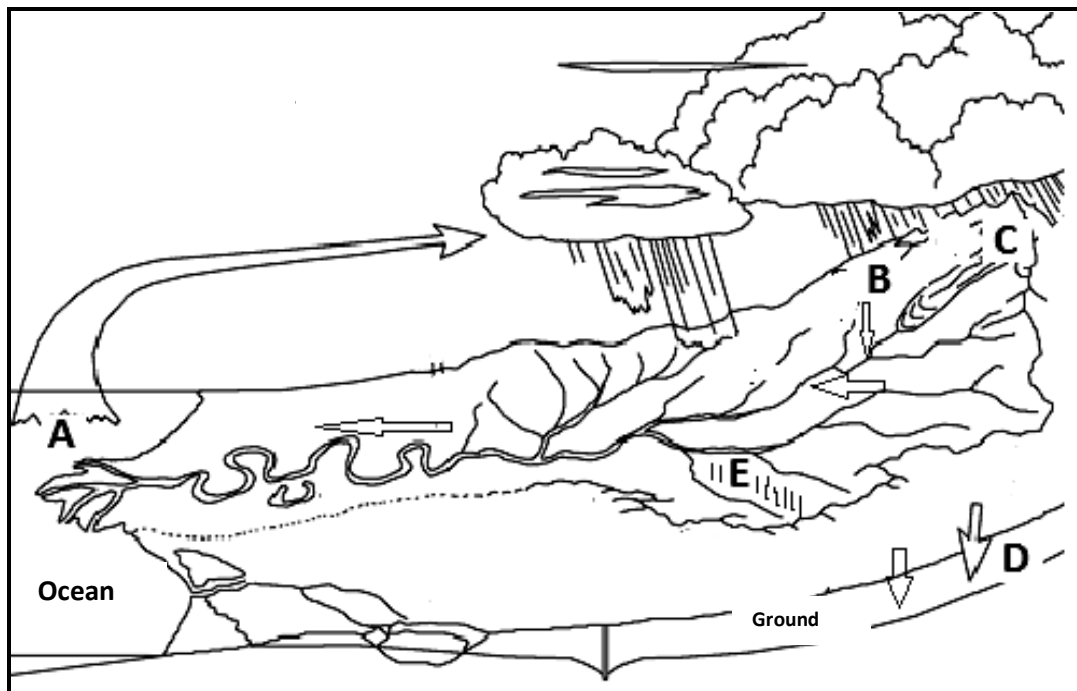
**FEBRUARY/MARCH 2013**

**ANNEXURE**

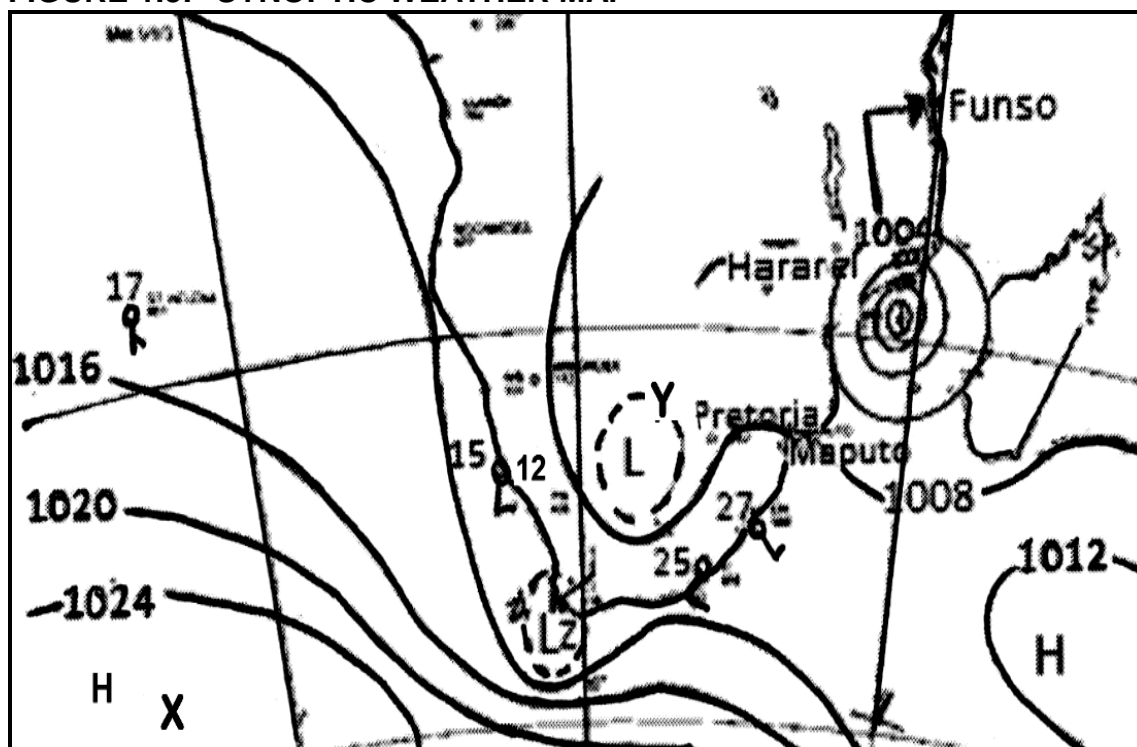
**This annexure consists of 12 pages.**

**FIGURE 1.1: GLOBAL PRESSURE BELTS AND WINDS**

[Source: Google Image]

**FIGURE 1.2: RIVER BASIN**

[Adapted from Edexcel]

**FIGURE 1.3: SYNOPTIC WEATHER MAP**

[Source: South African Weather Service]

**HEAVY FLOODING HITS MPUMALANGA AND LIMPOPO**

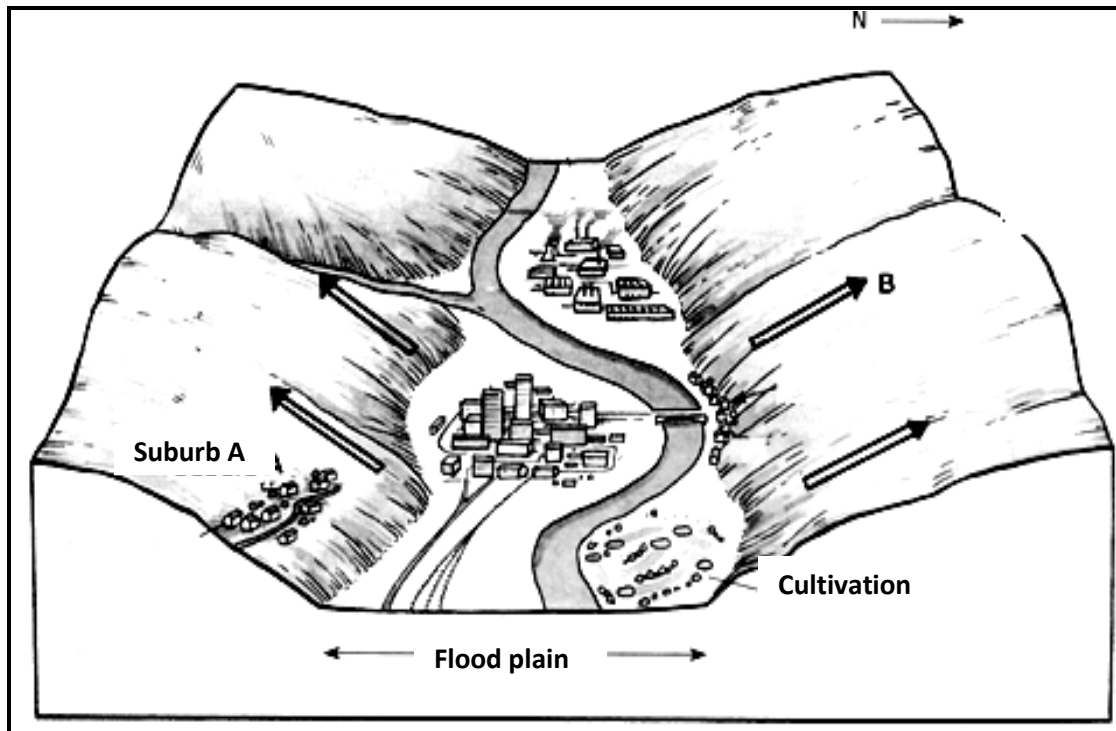
19 January 2012



Strong downpours caused a disaster in Mpumalanga and Limpopo. Houses and roads were washed away, people were stuck at game reserves and lodges. Many cars were destroyed. The rainfall recorded was an unusual 218,4 mm. The economic impact of the floods is great. The loss is estimated at millions of rands.

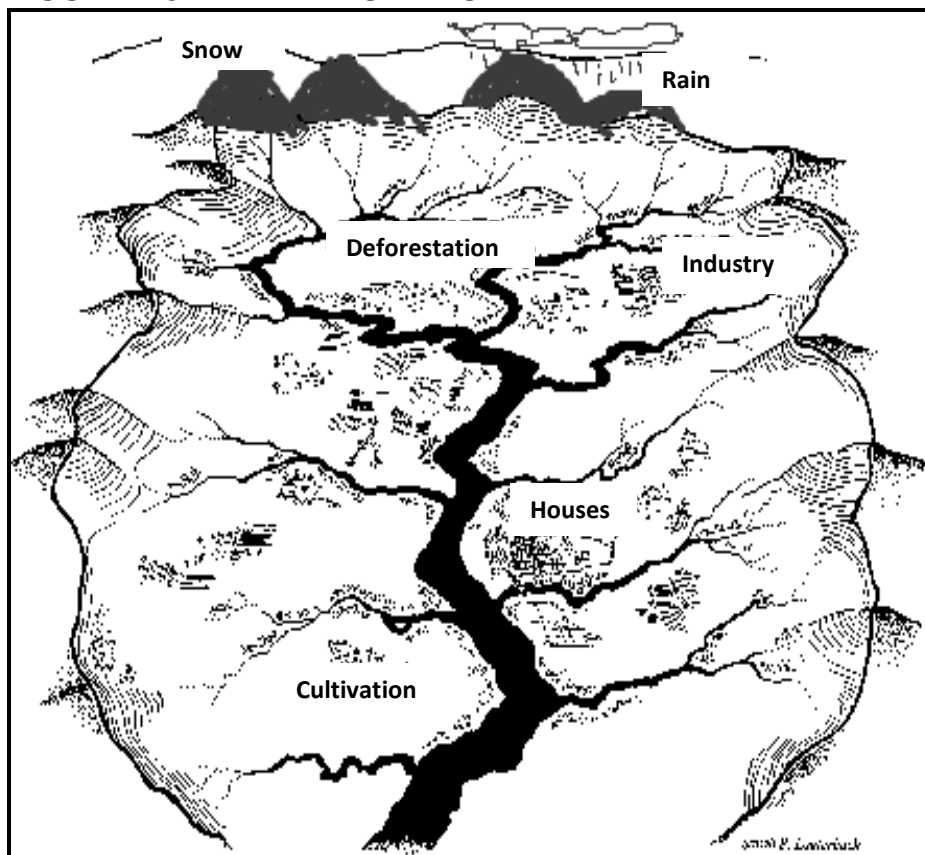
[Source: <http://www.myjozi.co.za>]

**FIGURE 1.4: SETTLEMENT IN A RIVER VALLEY IN THE SOUTHERN HEMISPHERE**

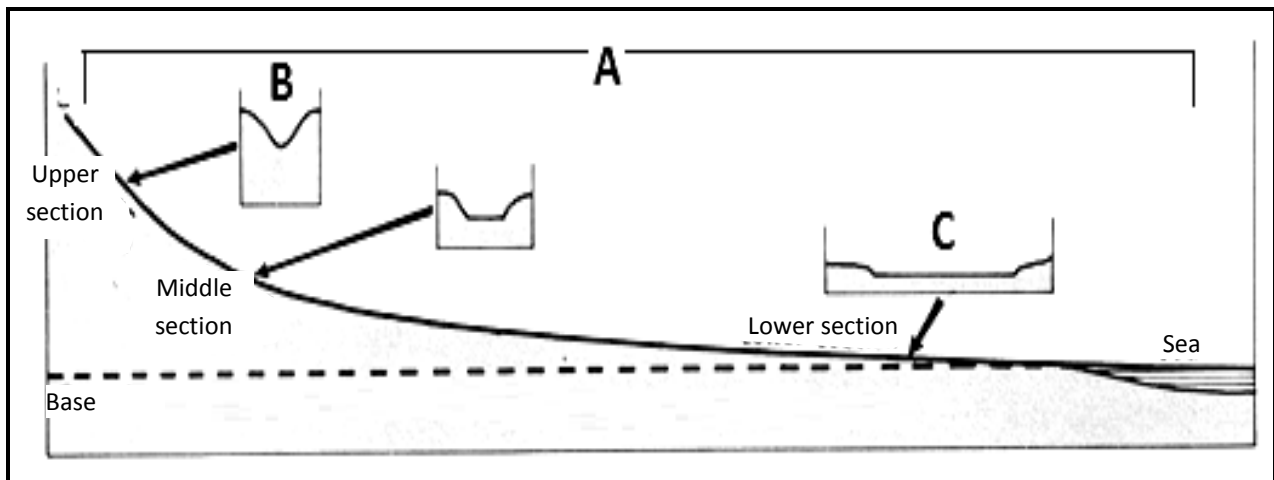
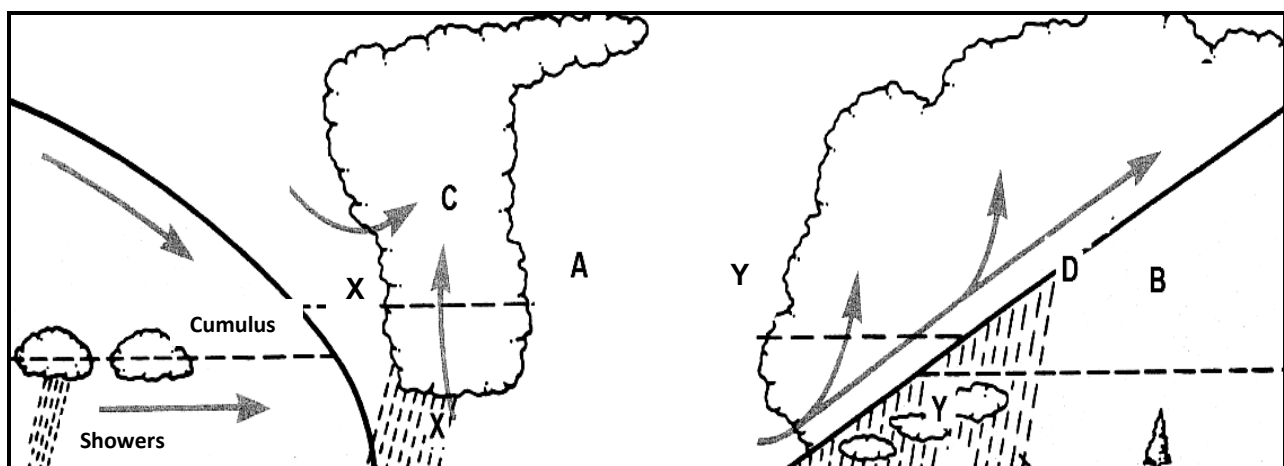
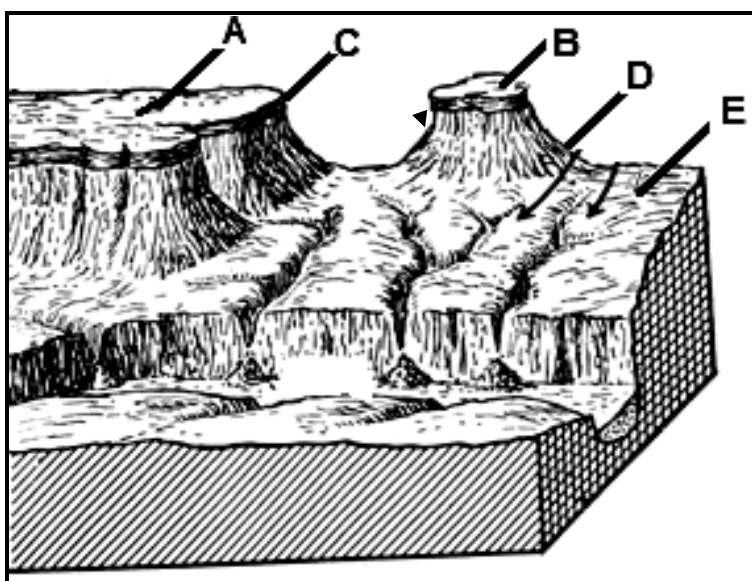


[Adapted from: *Understanding Geography*]

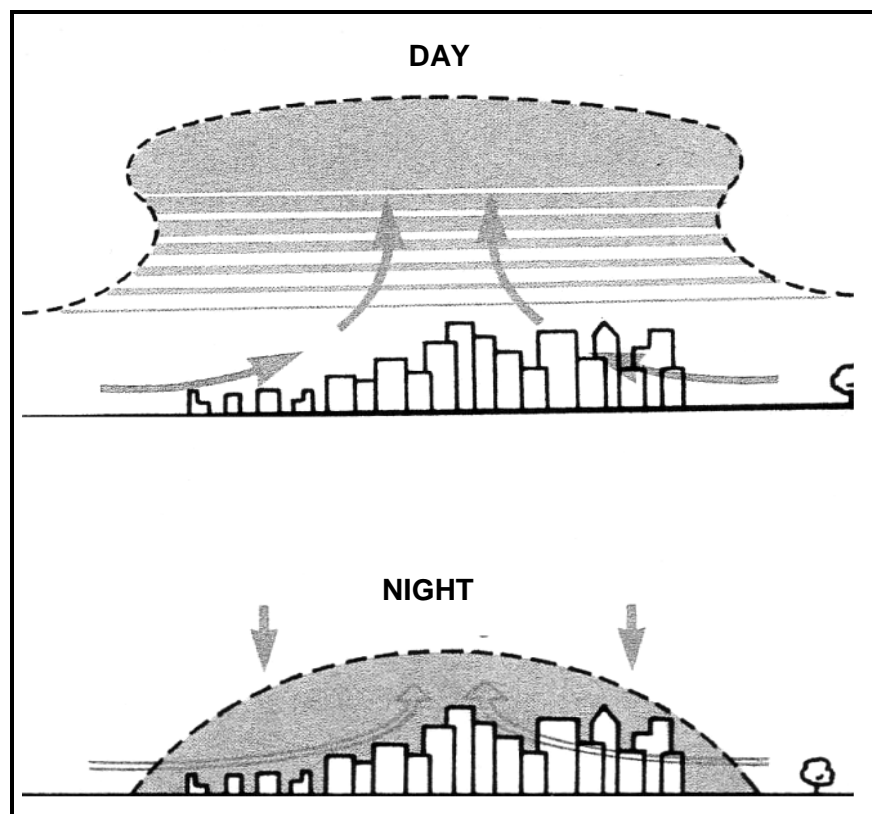
**FIGURE 1.5: DRAINAGE BASIN**



[Aangepas uit Google Image]

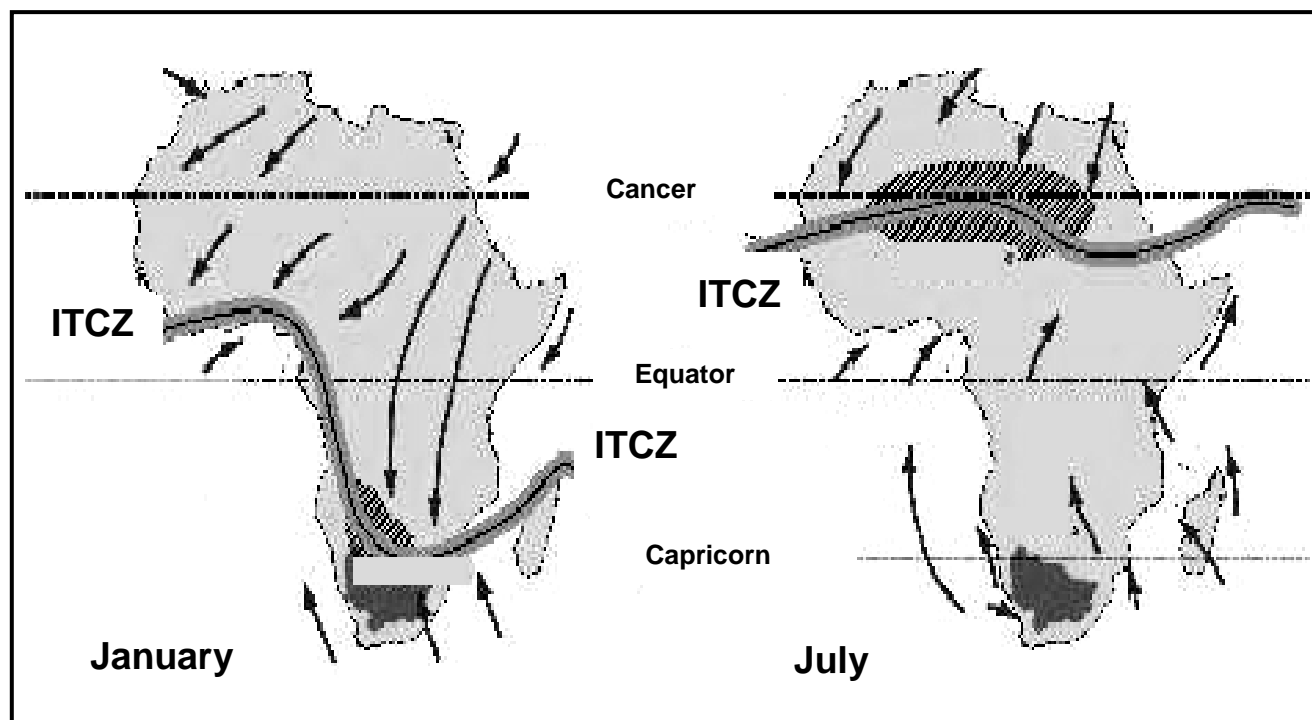
**FIGURE 1.6: RIVER PROFILES**[Source: *Landscape Studies*]**FIGURE 2.1: CROSS SECTION OF A MID-LATITUDE CYCLONE**[Adapted from *Window on the World*]**FIGURE 2.2: STRUCTURAL LANDFORM**[Source: *Physical Geography in Colour*]

**FIGURE 2.3: HEAT ISLAND**

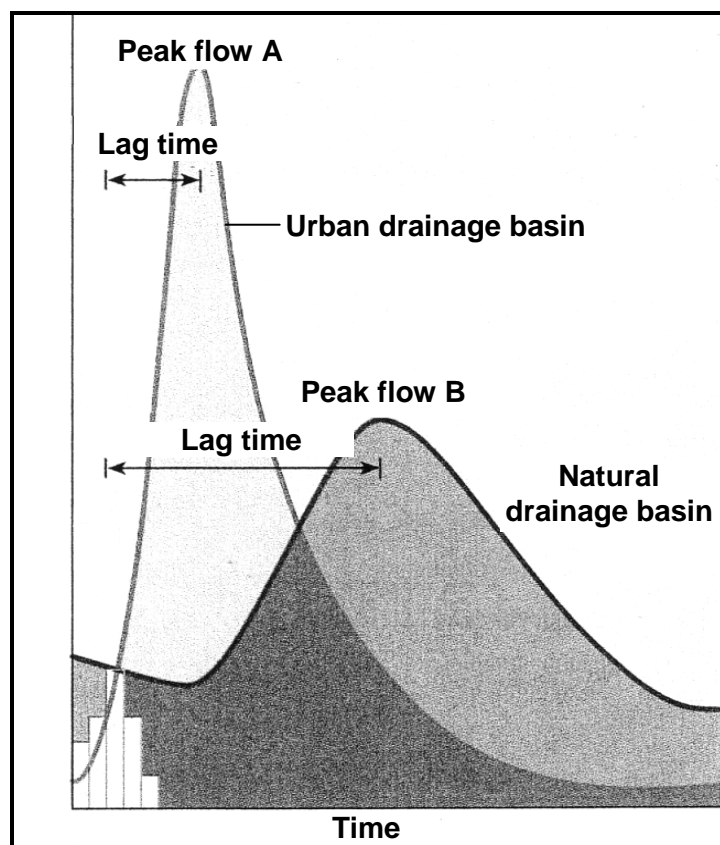
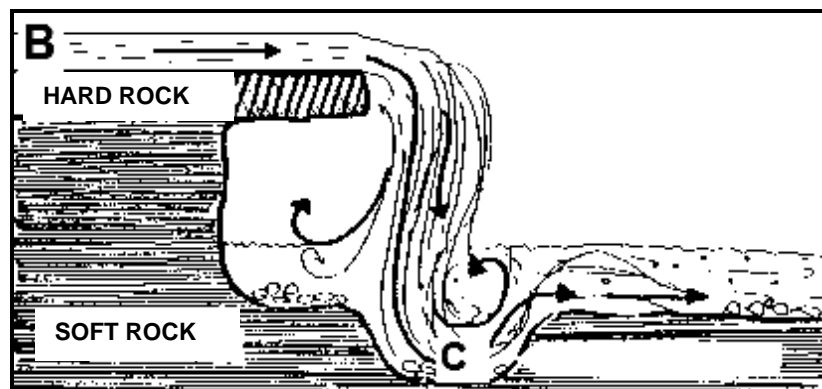
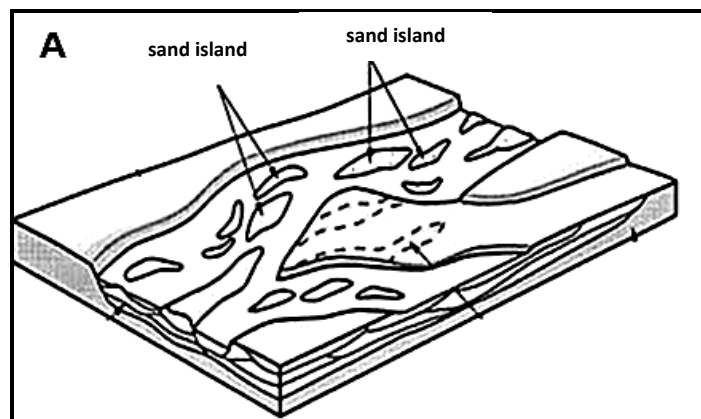


[Adapted from *Window on the world*]

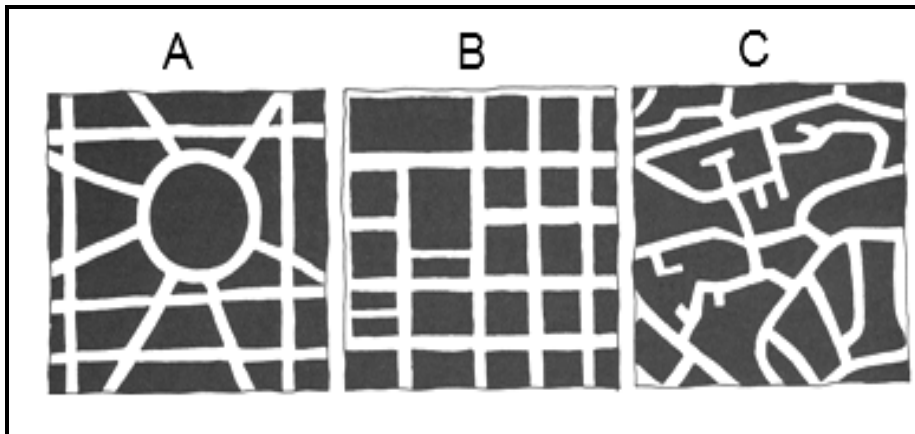
**FIGURE 2.4 POSITION OF ITCZ**



[Source: <http://www.orangesenqurak.org>]

**FIGURE 2.5: FLOOD HYDROGRAPH**[Source: *Geography in Focus: GCSE*]**FIGURE 2.6: FLUVIAL LANDFORMS**[Source: *Earth's surface: Money*]

**FIGURE 3.1: STREET PATTERNS**



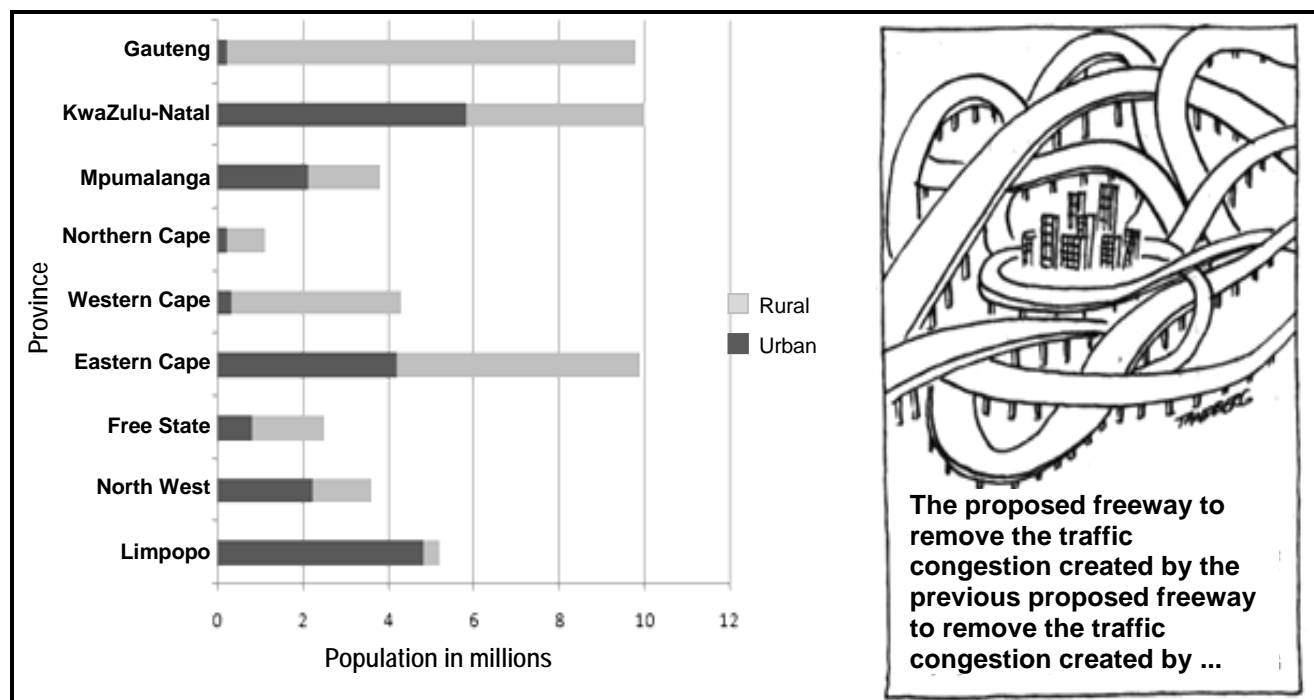
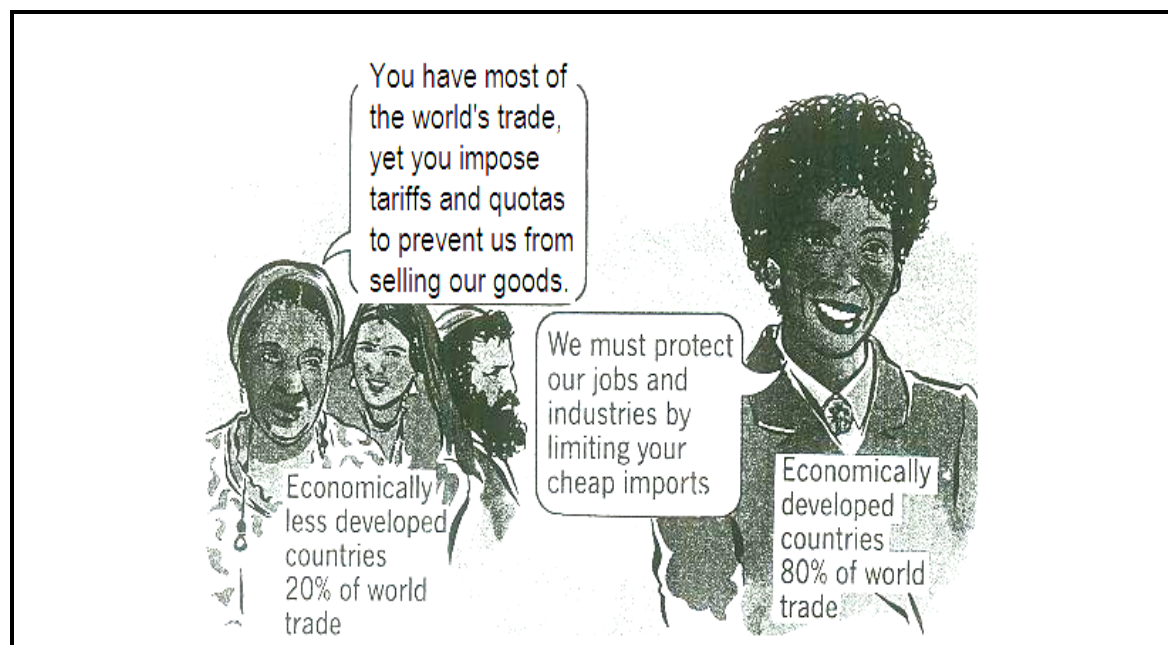
[Bron: *Planning Cities*]

**FIGURE 3.3: RURAL SETTLEMENT**



[Source: Google Image]



**FIGURE 3.4: RURAL-URBAN MIGRATION STATISTICS**[Adapted from [www.myfunndi.co.za](http://www.myfunndi.co.za)]**FIGURE 3.5: POLICIES THAT AFFECT FOREIGN TRADE**

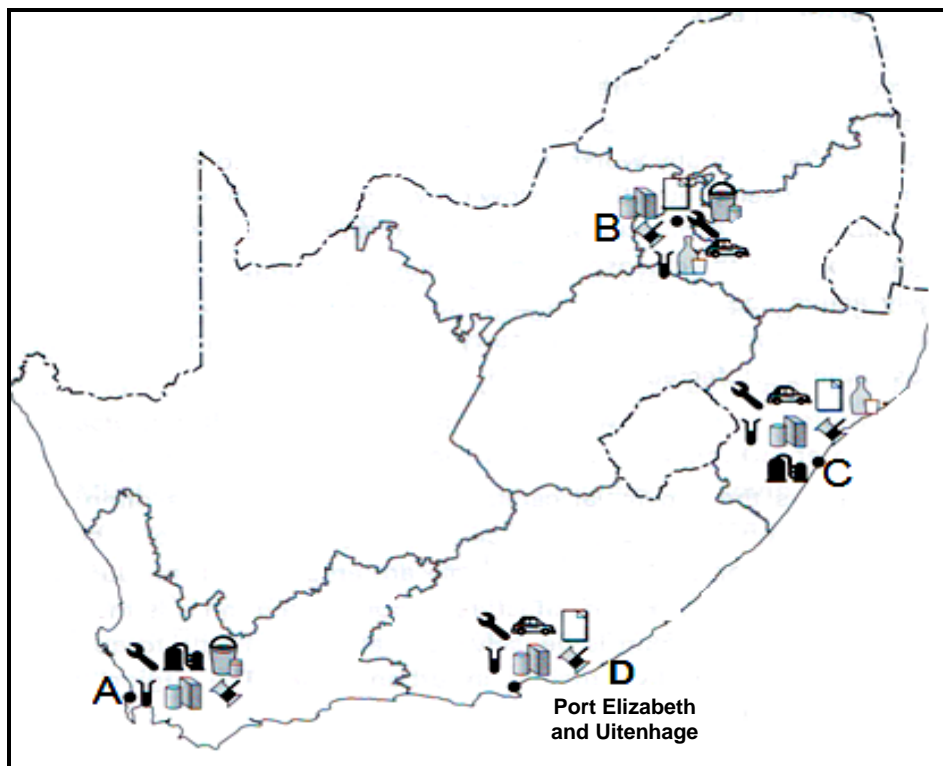
[Source: Access to Geography]

**FIGURE 3.6: WATER RESOURCES IN SOUTH AFRICA****DEAL TO TACKLE SA'S WATER PROBLEMS**

Friday 12 August 2011

A multibillion rand water-transfer scheme, unveiled this week by the South African and Lesotho governments, could be the answer to the water challenges facing South Africa, authorities said. Phase 2 of the Lesotho Highlands Water Project was launched.

The agreement will not only focus on hydropower, but will see both countries exploring renewable energy.

*[The Good News via BuaNews]***FIGURE 4.2: CORE INDUSTRIAL REGIONS IN SOUTH AFRICA***[Adapted from Understanding Geography]*

**FIGURE 4.3: LAND-USE ZONE**

[Source: Google Image]

**FIGURE 4.4: TRADE IN SOUTH AFRICA****SA CLIMBS TRADE EFFICIENCY RANKINGS**

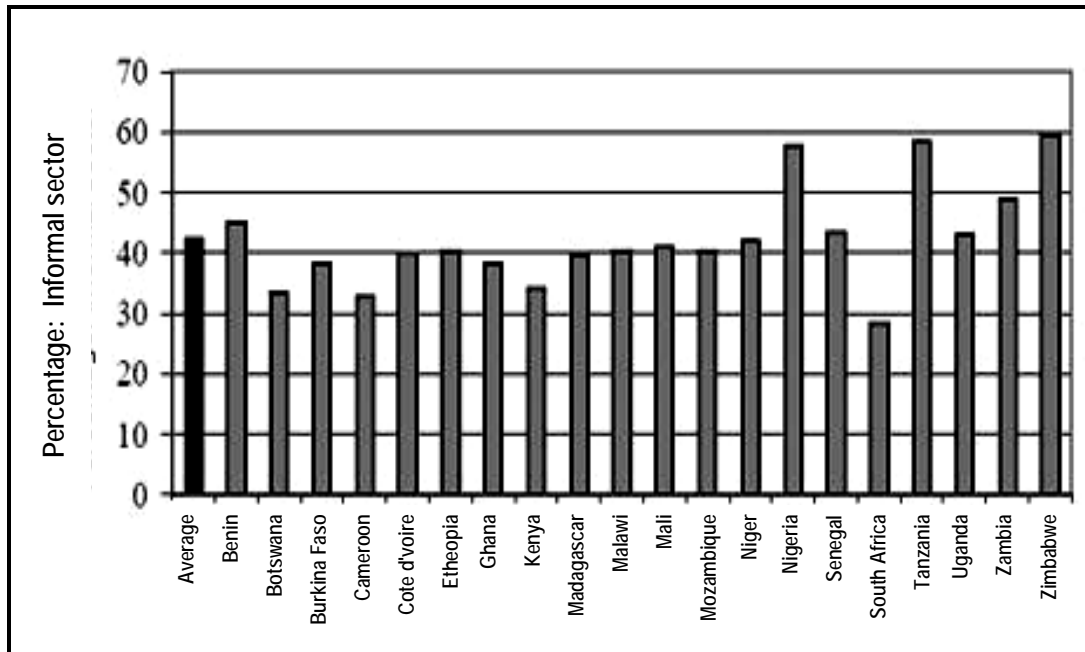
18 May 2012

South Africa outperformed the rest of Africa, as well as its upper middle-income economy peers, in a World Bank survey of trade efficiency. South Africa improved its previous performance despite a general slowdown in trade performance in the wake of the global recession.

According to the World Bank's 'Connecting to Compete 2012' report, released on Tuesday, countries that pursued aggressive reforms continued to improve their trade performance, despite the global slowdown in progress over the last two years.

South Africa was among a group of countries – including Chile, China, India, Morocco, Turkey and the US – that improved their previous performance, according to the study, which is based on a comprehensive world survey of international freight forwarders and express carriers.

[SAinfo Reporter]

**FIGURE 4.5: INFORMAL SECTOR**

[Source: *World Bank Doing Business Database*]