



## **Education and Sport Development**

Department of Education and Sport Development  
Departement van Onderwys en Sportontwikkeling  
Lefapha la Thuto le Tlhabololo ya Metshameko

**NORTH WEST PROVINCE**

**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12**

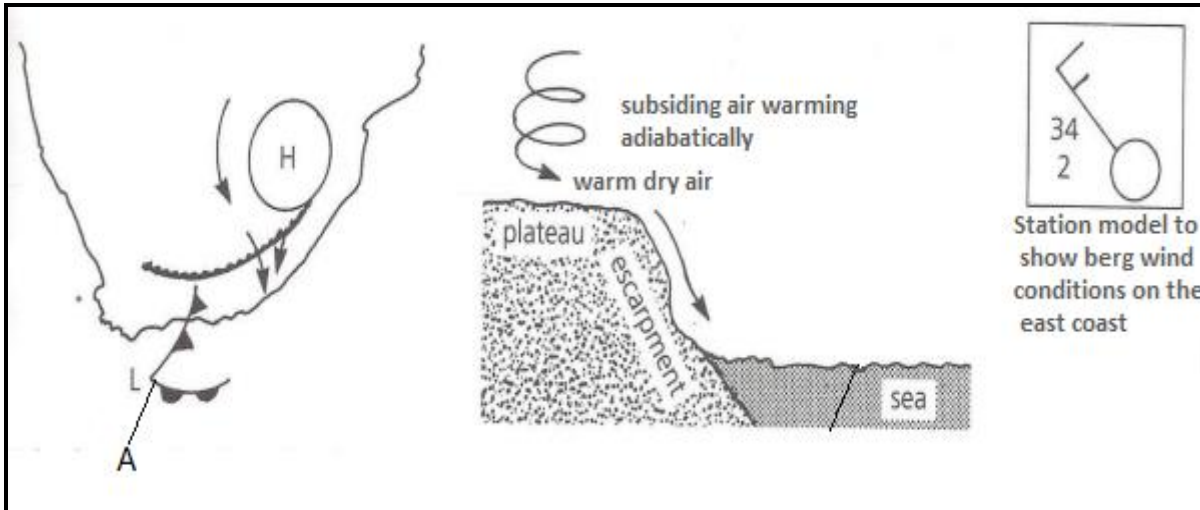
**GEOGRAPHY P1**

**ANNEXURE**

**SEPTEMBER 2019**

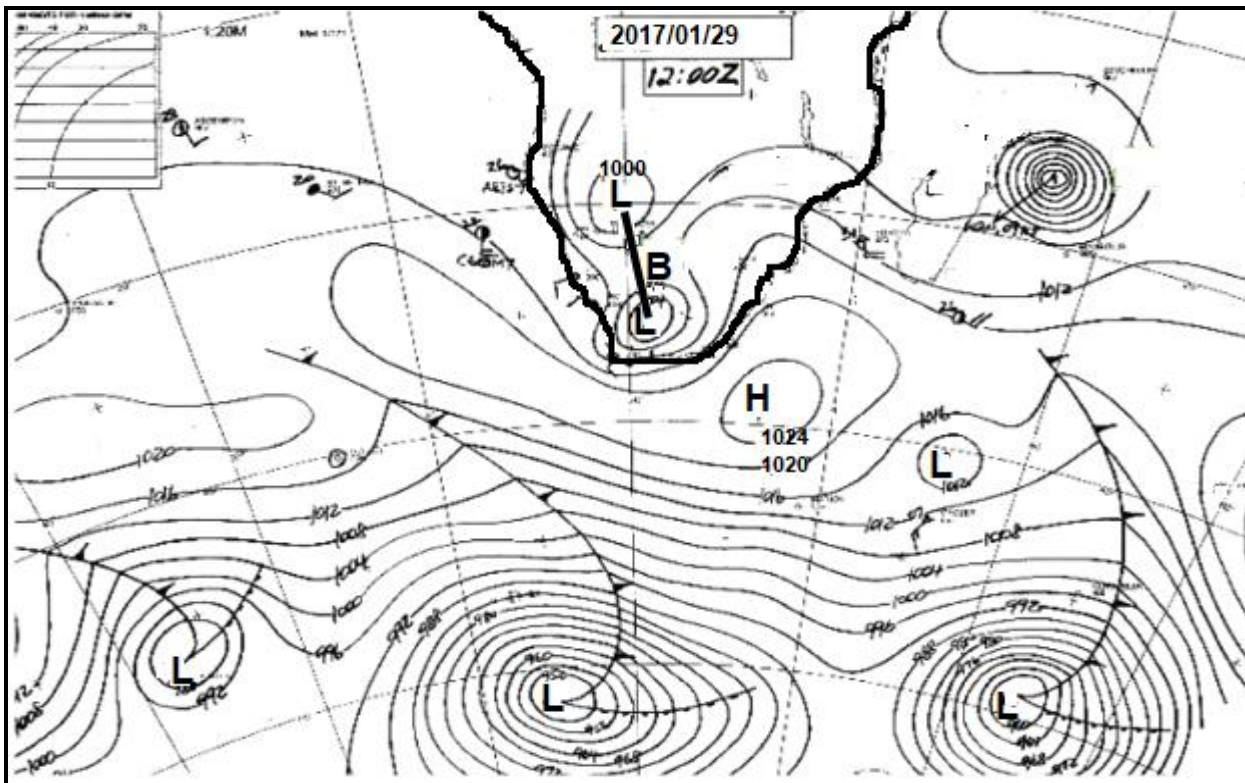
**This annexure consists of 11 pages.**

**FIGURE 1.1: BERG WIND CONDITIONS**



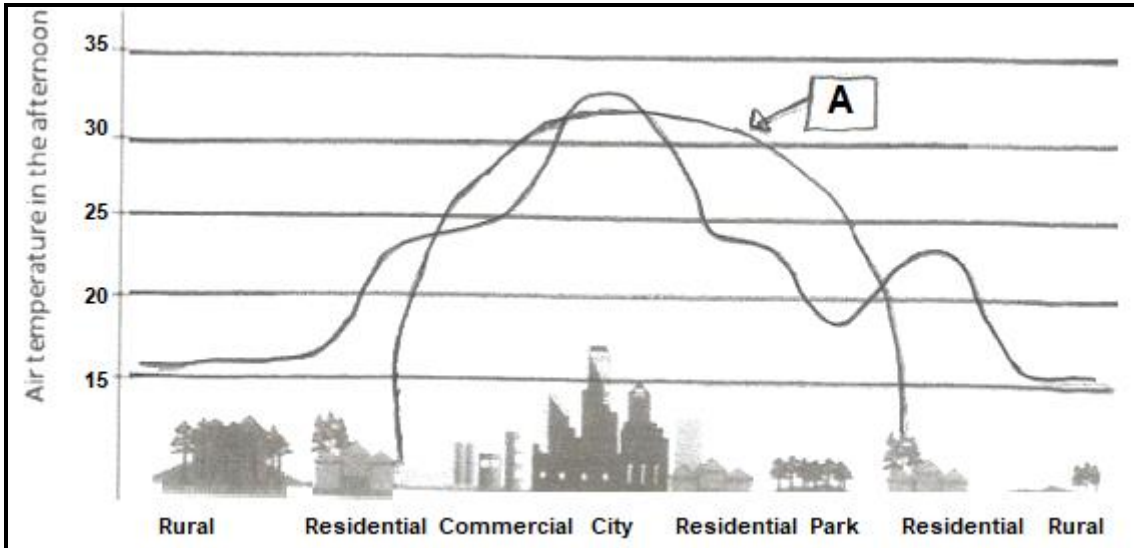
[Source: [learnmindset.co.za](http://learnmindset.co.za)]

**FIGURE 1.3: A SYNOPTIC WEATHER MAP**



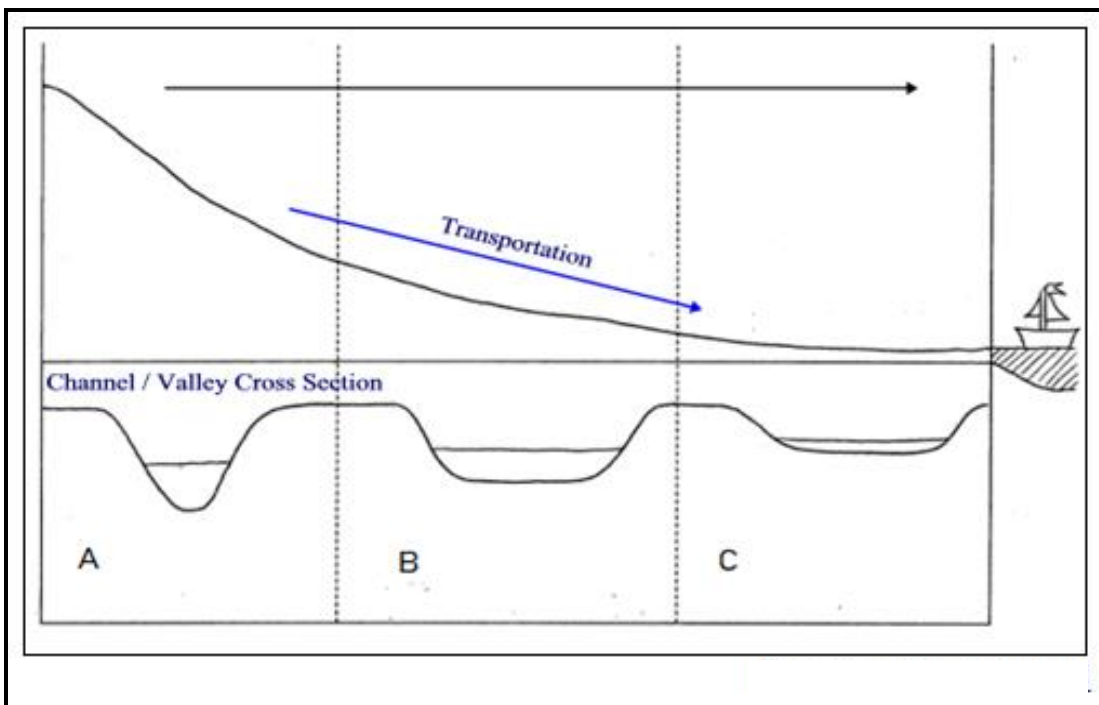
[Source: South African Weather Services]

**FIGURE 1.4: URBAN HEAT ISLAND**



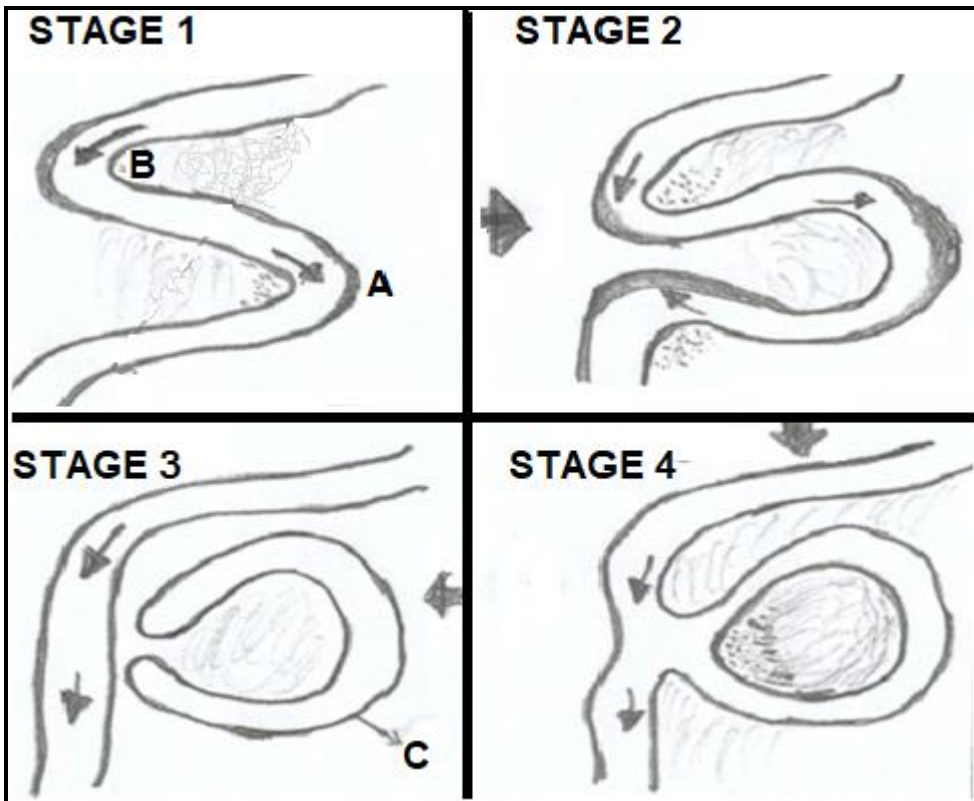
[Source: Coolparamata.com.au]

**FIGURE 1.5: A CROSS PROFILE OF A RIVER CHANNEL.**



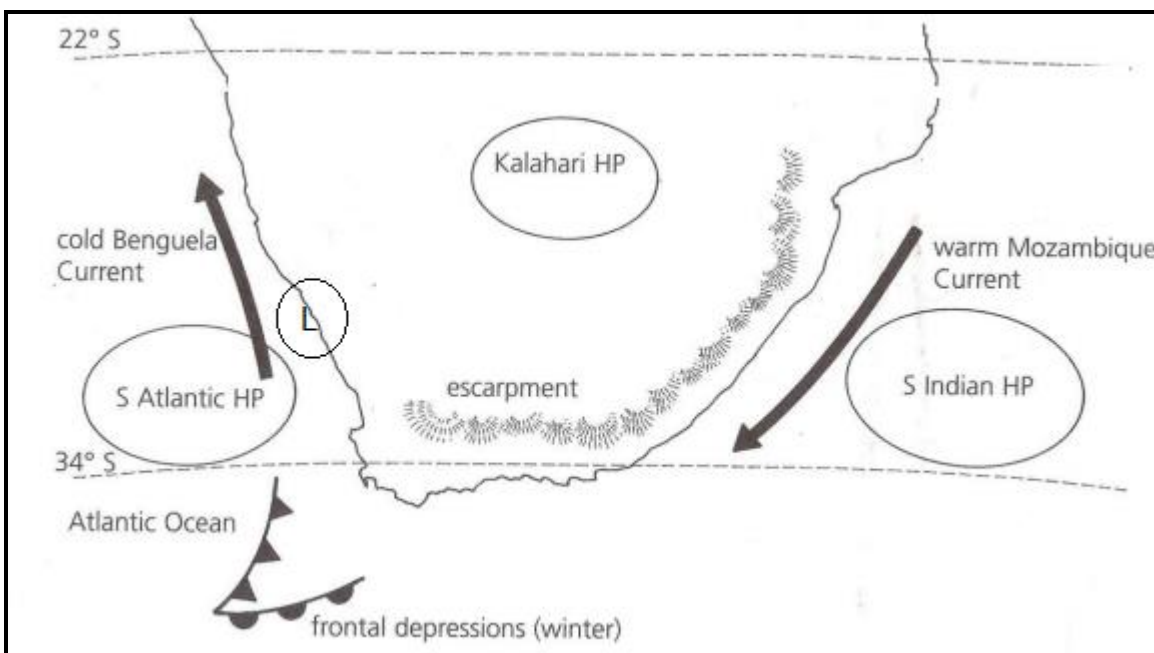
[Source: acegeography.com]

**FIGURE 1.6: MEANDERING RIVER**



[Source: [beaudaniels.com](http://beaudaniels.com)]

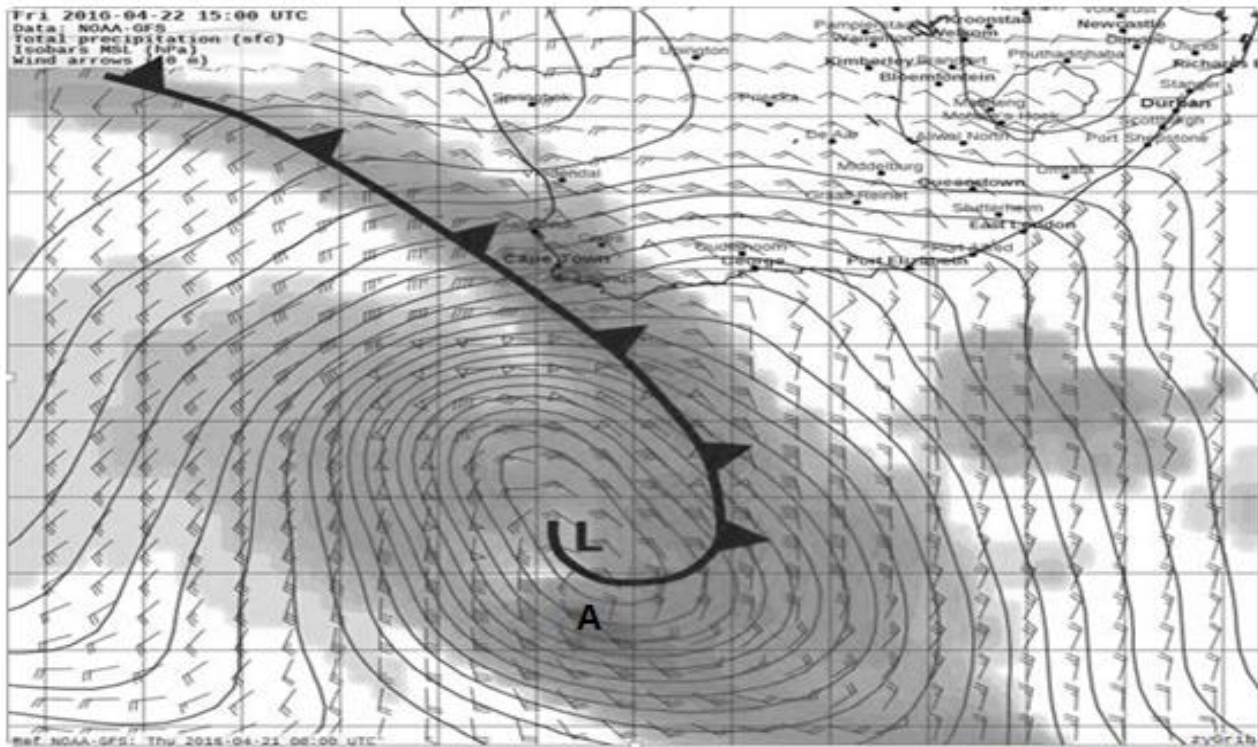
**FIGURE 2.1: FACTORS THAT INFLUENCE THE WEATHER IN SOUTH AFRICA**



[Source: [www.learnxtra.co.za](http://www.learnxtra.co.za)]

**FIGURE 2.3: MID-LATITUDE CYCLONE**

**WARNING MAP: STORM SURGE WARNING ISSUED FOR CAPE COASTAL REGIONS – 2016-04-22 15:27**

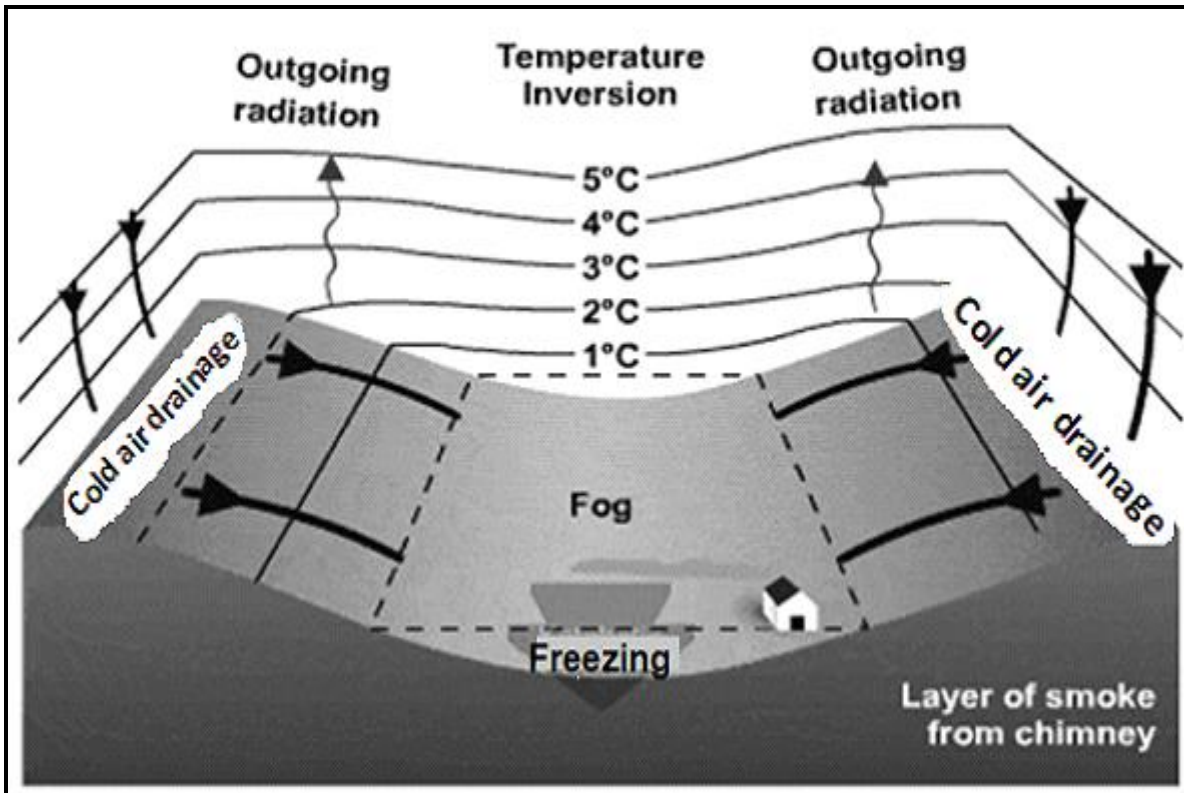


Cape Town - The South African Weather Service has warned hazardous weather related to a cold front with a storm surge is headed for the Cape's coastal areas from Table Bay to Port Alfred. All beachgoers and those within the marine fraternity have been warned to steer clear of the beach, as gale force winds, high seas and possible storm surges or destructive coastal waves could result in damage to boats and/or infrastructure at sea and along the coast.

A rapidly deepening low-pressure system associated with a cold front will pass through the Western and Eastern Cape from Friday the 22nd through until Saturday 23rd April. Coastal dwellers are advised of possible abnormally high waves, which may result in beach degradation or destruction of minor infrastructure.

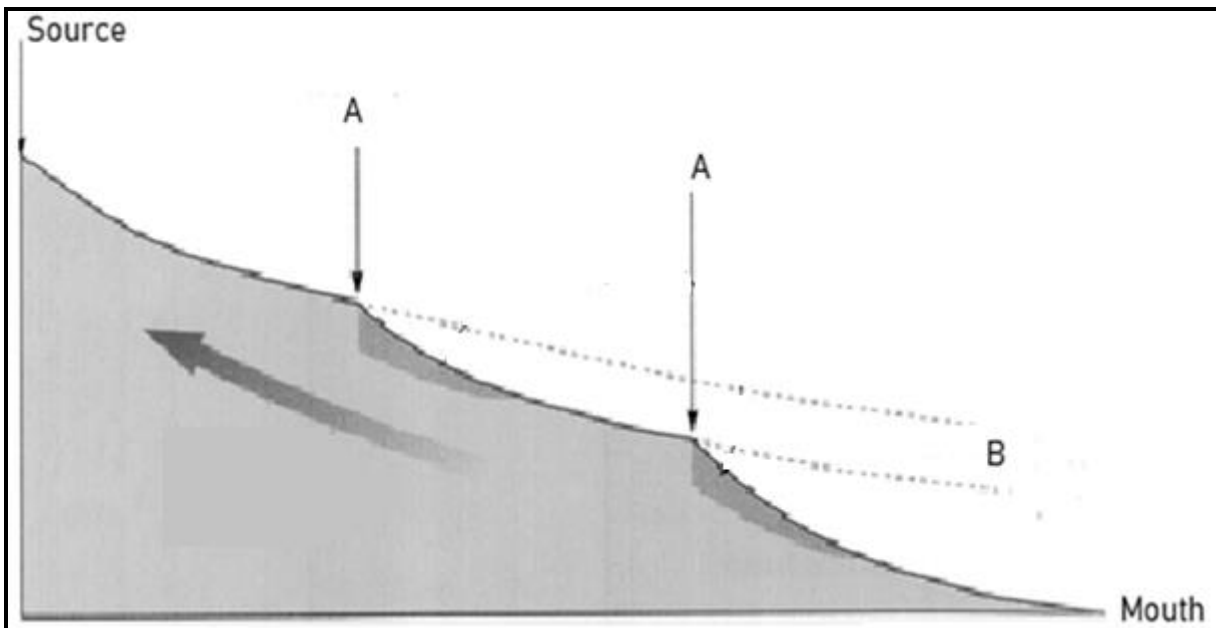
[Source: Traveller24]

**FIGURE 2.4: KATABATIC WIND.**



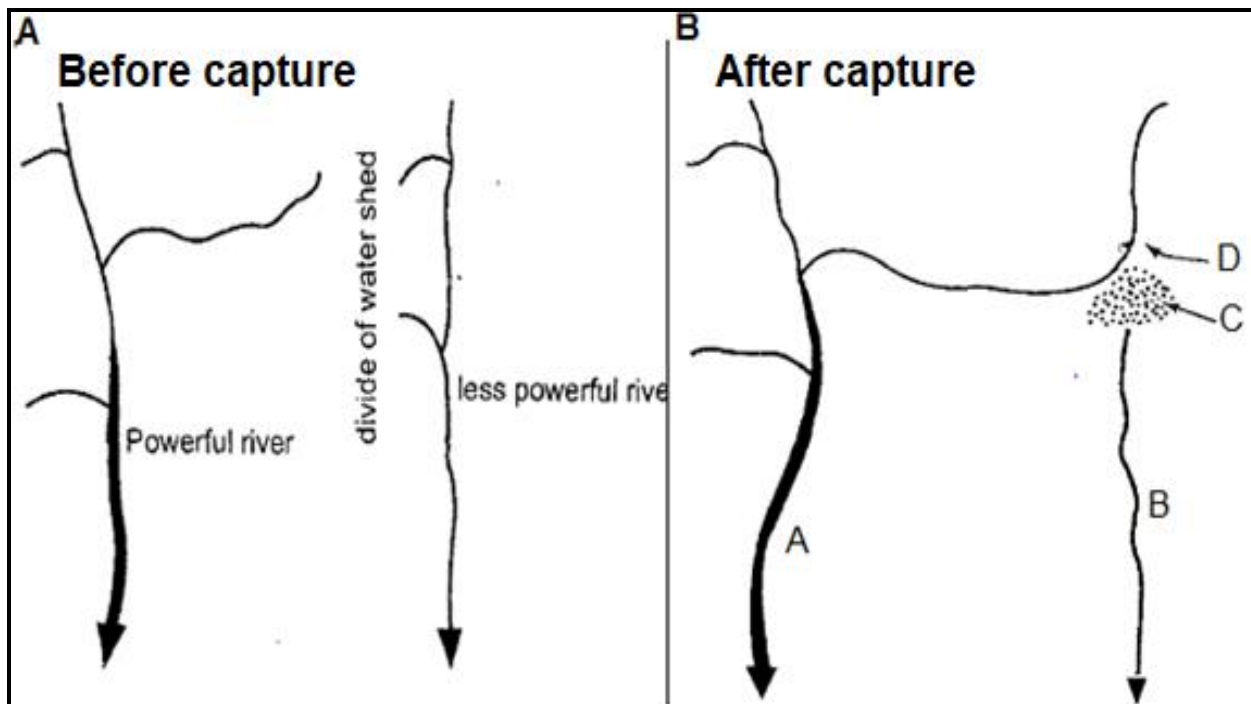
[Source: [cool.co.za](http://cool.co.za)]

**FIGURE 2.5: REJUVENATED RIVER**



[Source: [www.planetgeog](http://www.planetgeog)]

**FIGURE 2.6: RIVER CAPTURE**



[Source: Kcse]

**FIGURE 3.3: LAND REFORM**

**RURAL DEVELOPMENT AND LAND REFORM IN CRADOCK**

In 2007 the agricultural region surrounding the town of Cradock was ear-marked for a large-scale rural development project involving the growth of beetroot and sorghum crops for a **biofuel** initiative to assist energy production as an alternative fuel source.

- This region was identified since soil quality is good and water resources are available via the Fish-River irrigation scheme.
- Unemployment, **food security** and landless people are major issues within this area of the Eastern Cape.
- As a part of the **land reform** process, the Department of Rural Development and Land Reform undertook to purchase 6 000 hectares of land to be distributed to local farmers.
- Eight years down the line the project has not been able to get off the ground.
- The project has been delayed by poor administration, lack of decision-making and several disputes over the sale of land and land value.
- Local people remain frustrated and angry; one community member was quoted as saying: *'We have stopped talking about this whole thing because it gets rolled over every year. Many people saw this as an opportunity, but now nobody cares.'*

[Adapted from an article by Kings, S. *Mail and Guardian*, July 13, 2012]

**FIGURE 3.4: CBD OF A CITY.**



[Source: [www.shutterstock.com](http://www.shutterstock.com)]

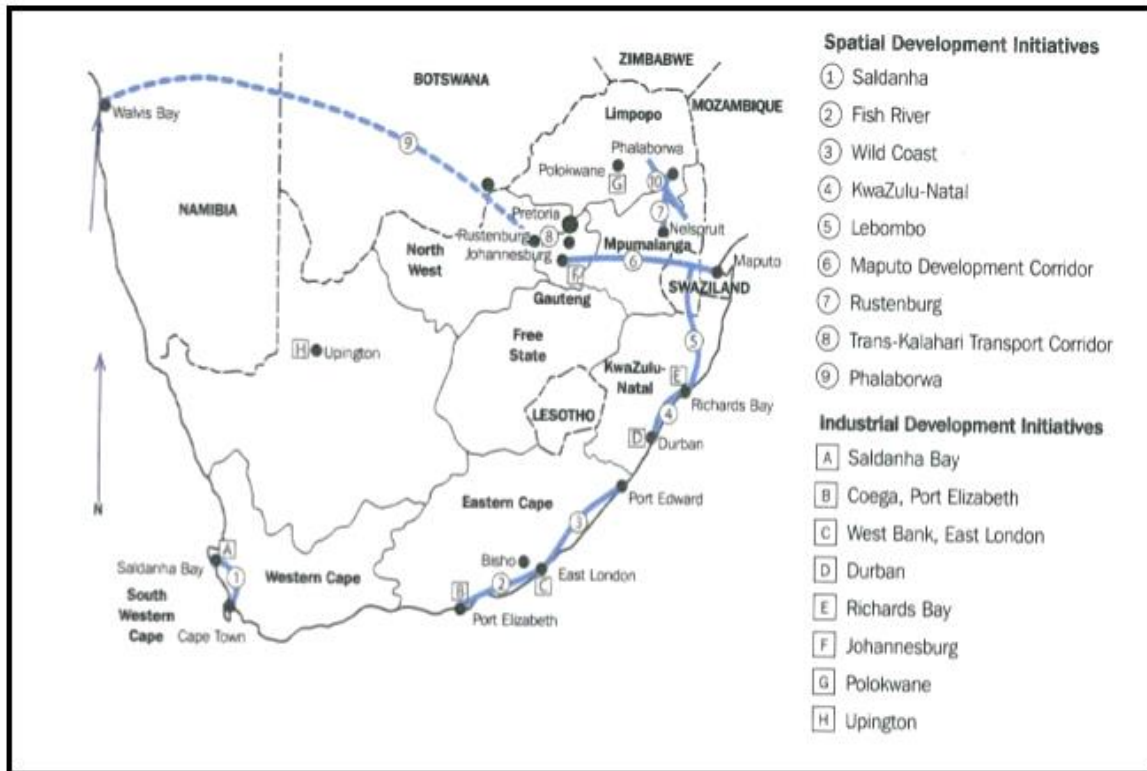
**FIGURE 3.5: INFORMAL SECTOR.**



[Source: Adapted from [gga.org](http://gga.org)]

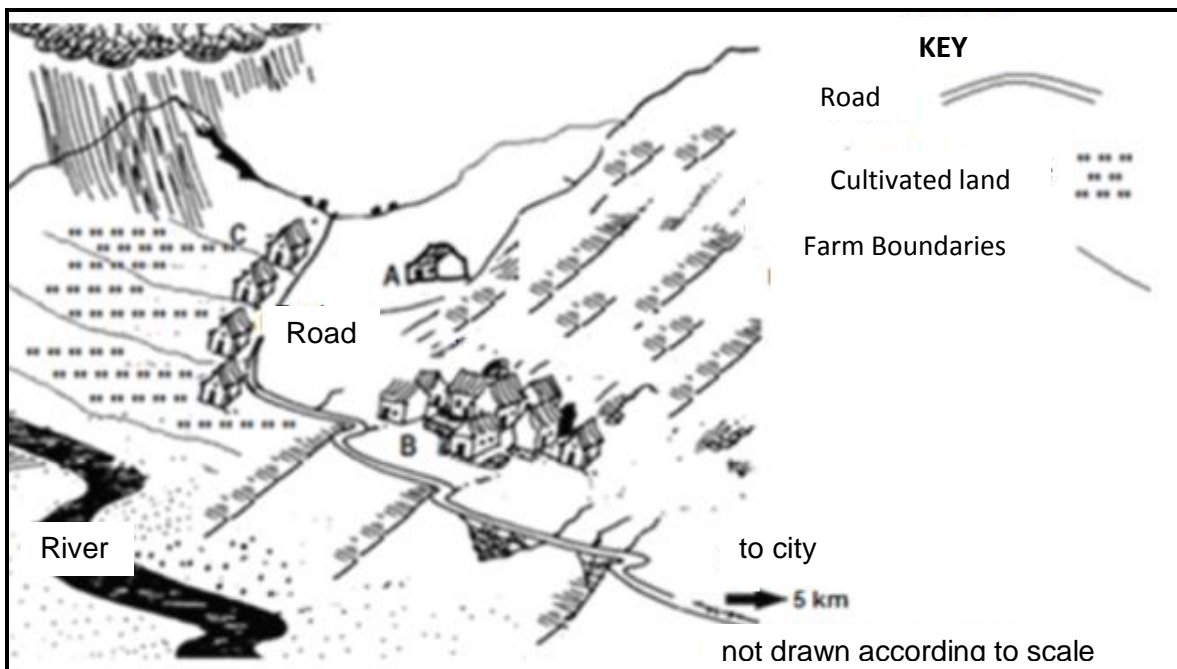


**FIGURE 3.6: SOUTH AFRICA'S INDUSTRIAL DEVELOPMENT INITIATIVES AND SPATIAL DEVELOPMENT INITIATIVES**



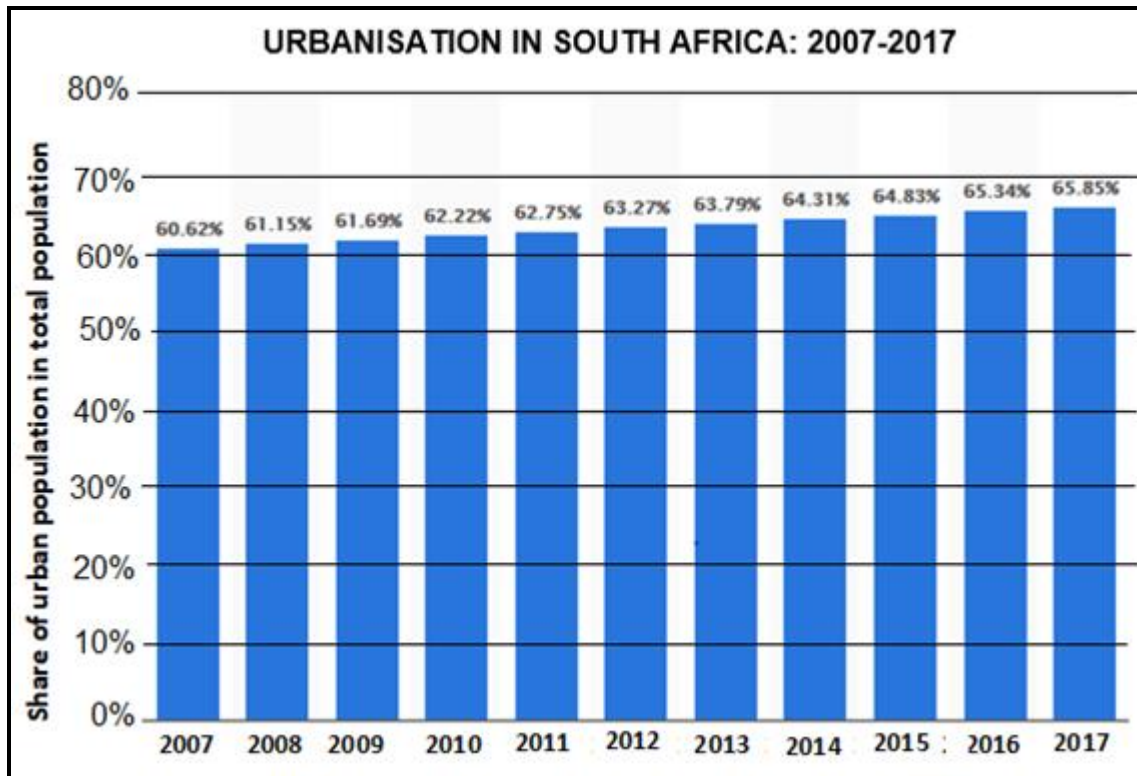
[Source: [www.slideshare.net/jlanser/strategies-for-industrial-development](http://www.slideshare.net/jlanser/strategies-for-industrial-development)]

**FIGURE 4.3 SETTLEMENT TYPES**



[Source: Adapted from Themes in Human Geography]

**FIGURE 4.4: URBANISATION**



[Source: [www.stastista.com/õ/455931õ](http://www.stastista.com/õ/455931õ) ]

**FIGURE 4.5: MAP OF MAJOR INDUSTRIAL AREAS IN SOUTH AFRICA**



[Source: Shutter's Exam Notebook Geography grade 12]

**FIGURE 4.6: SOUTH AFRICA'S MINING LANDSCAPE**

The 2017 financial year was another tough one for stakeholders in the mining sector:

- Investors in aggregate saw a decrease in dividends;
- Decreases in precious metal rand prices;
- Tax authorities only saw marginal increases in taxes paid;
- Employees experienced further retrenchments.

The negative environment has been offset somewhat by excellent recovery in the price of coal, iron ore, manganese and chrome over the last 18 months. Mining companies that have repositioned themselves within the current low-price environment have also started to see the benefits of cost saving initiatives reflected in the lower operating cost increases.

[Source: [www.pwc.co.za/mining](http://www.pwc.co.za/mining)]