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Saturday, 26 June 2021

SEVERAL COLD FRONTS EXPECTED TO AFFECT THE CAPE PROVINCES THIS WEEK 28 JUNE TO 1 JULY 2021

A cold front is expected to affect the Western and Northern Cape provinces from Monday, 28 June 2021, resulting in windy, wet and cold to very cold conditions as well as very rough seas. These conditions are expected to continue throughout the week as several cold fronts are expected to make landfall.

A cold front will make landfall over the Western Cape on Monday morning, resulting in widespread rain over the western parts of the Western Cape, spreading to the eastern parts of the Western Cape and the south-western parts of the Northern Cape during the afternoon. These conditions may result in difficult driving conditions during the morning commute, with localised flooding possible especially over the Cape Metropole, the Cape Winelands and the southern half of the West Coast District.

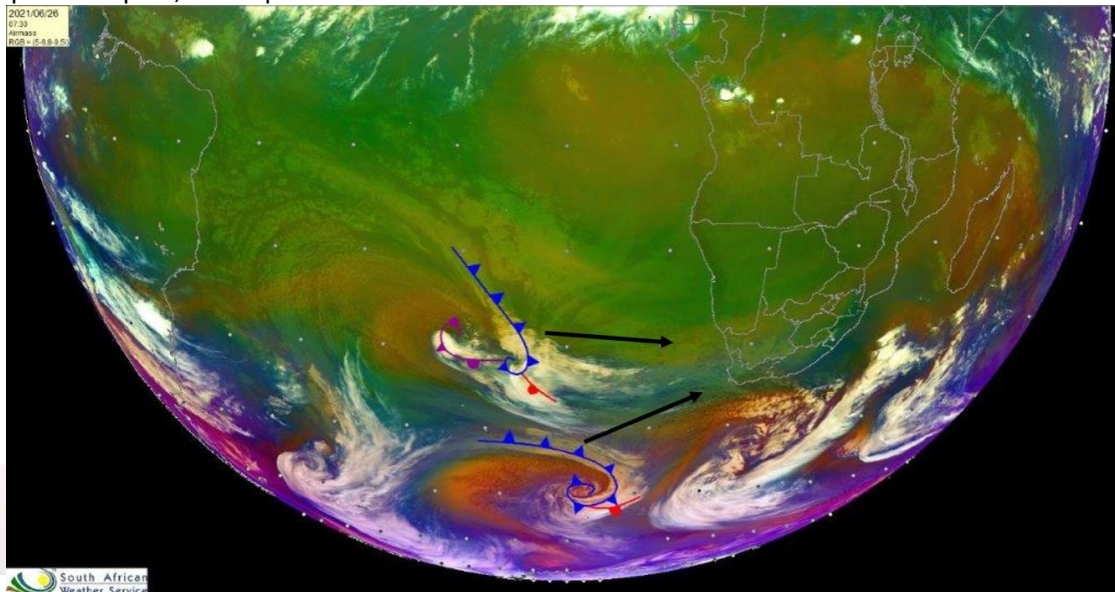


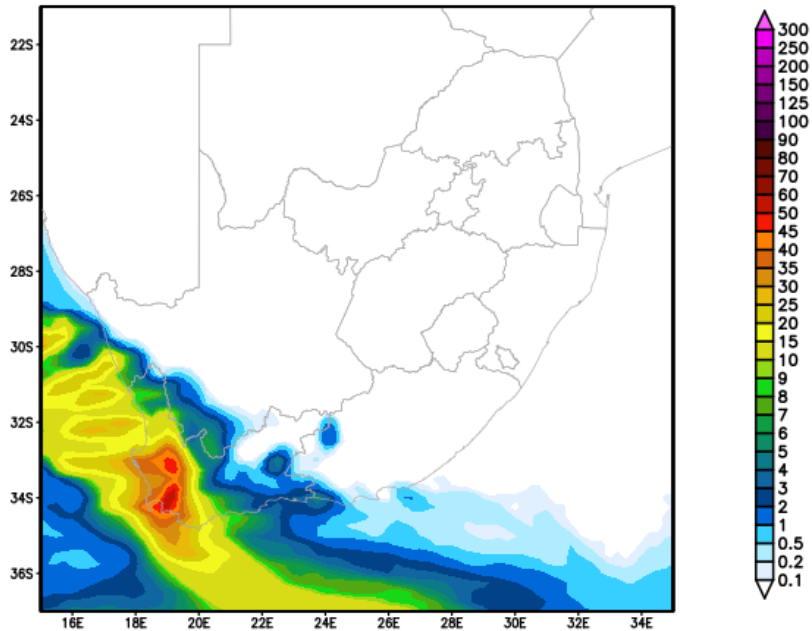
Figure 1: Satellite image of the expected cold fronts observed over the western Atlantic Ocean. Source: ©Eumetsat 2021

Widespread rainfall of 20-30 mm is likely over the western parts of the Western Cape, with higher amounts of 45-65 mm likely near the western mountainous regions, which may result in localised flooding of susceptible informal settlements, low lying bridges and roads and poor driving conditions.

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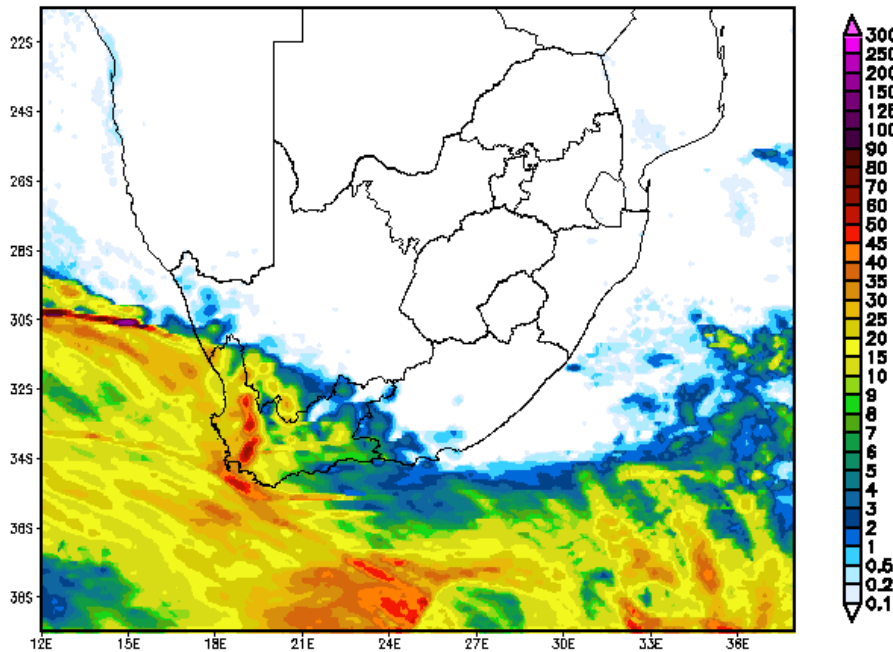
Board Members: Ms Nana Magomola (Chairperson), Dr Phillip Dexter (Deputy Chairperson), Adv Derick Block, Mr David Lefutso, Dr Mphekgo Maila, Ms Kelebogile Moroka-Mosia, Ms Sally Mudly-Padayachie, Dr Thuli Khumalo (DFFE Rep), Mr Itani Phaduli, Ms Feziwe Renqe. Mr Ishaam Abader (CEO).
Company Secretary: Ms Thandi Zide

GFS 32 km Forecast – 00 Run:
Total Precipitation for past 24 hours (mm)



72hr Forecast from 00 28 JUN 2021 – to 00 29 JUN 2021

UM 10km horizontal resolution – GA-00 Run:
Accumulating Precipitation for past 21 hours (mm)



Total precipitation of 00Z to 21Z, 28 JUN – Initiated 00Z 26 JUN 2021

Figure 2: Predicted 24 hour accumulated rainfall (in mm) for Monday 28 June 2021. Source: Unified and GFS models (SAWS, NOAA).

Strong winds of 40-60 km/h are forecasted for the interior of the Western and Northern Cape from Sunday afternoon into Monday, which may result in problems for high-sided vehicles on major roads. Light snowfall is possible over the western high-lying areas of the Western Cape from Monday late afternoon into early Tuesday morning, with cold to very cold conditions expected. Small stock farmers are

advised to provide shelter to animals during this week. Rainfall is likely to continue over the Western Cape and western and southern parts of the Northern Cape on Tuesday, Wednesday and Thursday, as yet another two cold fronts are likely to impact these areas.

In contrast, 'Spring-like' weather is predicted for the north-eastern parts of the country this week with maximum temperatures in the low to mid-twenties, but warm to hot temperatures can be expected in the Lowveld of Mpumalanga and Limpopo and the eastern parts of KwaZulu-Natal on some days.

The South African Weather Service has issued the following warnings:

1. Orange level 5 warning for RAIN resulting in flooding is expected over the City of Cape Town on Monday.
2. Yellow level 2 warning for RAIN resulting in localised flooding is expected over the southern parts of the West Coast, Cape Winelands and Overberg Districts on Monday.
3. Yellow level 2 warning for WIND resulting in localised problems for high-sided vehicles on prone routes are expected over the West Coast, Cape Winelands, Central Karoo as well as the southern parts of the Namakwa Districts from Sunday afternoon into Monday.
4. Yellow level 2 warning for WIND leading to difficulty in navigation at sea is expected offshore between Cape Columbine and Cape Agulhas from Sunday evening into Monday.
5. Yellow Level 2 Warning for WAVES resulting in difficulty in navigation at sea is expected between Cape Columbine and Cape Agulhas from Sunday evening spreading to Plettenberg Bay on Monday, subsiding on Tuesday morning.

The South African Weather Service will continue to monitor any further developments relating to this weather system and will issue subsequent updates as required. Furthermore, the public are urged and encouraged to regularly follow weather forecasts on television and radio. Updated information in this regard will regularly be available at www.weathersa.co.za as well as via the SA Weather Service Twitter account @SAWeatherServic

Compiled by Wayne Venter.

Edited by Jacqueline Modika.

For technical and weather enquiries:

National Forecasting Centre: Tel: 012 367 6041

Media enquiries: Ms Hannelee Doubell: Manager, Communications; Tel: (012) 367 6104; Cell: 072 222 6305; E-mail: hannelee.doubell@weathersa.co.za

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