



SADC-CLIMATE SERVICE CENTRE

TROPICAL CYCLONE ADVISORY

ISSUE NUMBER: 04/ 2019/20 SEASON

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RAINFALL SEASON: 2019/20

HIGHLIGHTS

Headline: Two tropical disturbances are currently evolving over the South-West Indian Ocean, one near the coastline of northern Mozambique over the Mozambique Channel and the other approximately 940km north-northwest of Mauritius. These systems are very likely to affect some SADC Member States, especially Comoros, Madagascar, the Islands of Mauritius, Mozambique, Malawi, United Republic of Tanzania and Zambia.

Models (European Centre for Medium Range Weather Forecasting, Joint Typhoon Warning Center, RSMC La Reunion and the SADC Climate Service Centre WRF-GFS) predict that the two (2) tropical systems in the South-West Indian Ocean (SWIO) will intensify further to different categories of tropical storms in the coming days.

WARNING ZONE

The tropical depression evolving over the Mozambique Channel will intensify whilst moving westward and affect Comoros, Northern parts of Mozambique, Malawi, United Republic of Tanzania and Zambia, and eventually dissipate as shown in Figure 1. The tropical storm (TS_96S) is likely to intensify further into tropical cyclone within the next 24 hours and will affect the Islands of Mauritius as it veers southward from its current location.

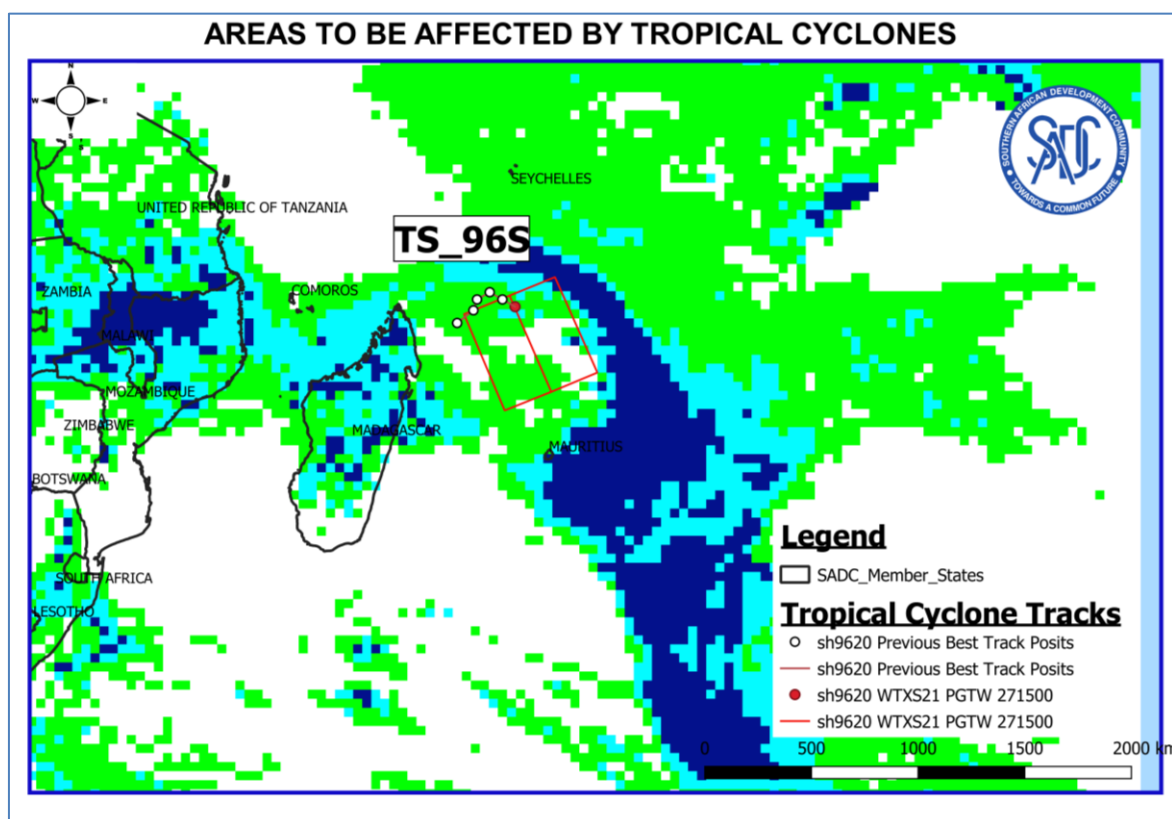


Figure 1: Heavy rainfall expected due to tropical cyclones and other weather systems over the SADC region during the period 28December 2019 to 04 January 2020 (Source: ECMWF Global Model and JTWC (tracks))

RECOMMENDED ACTION

National Meteorological and Hydrological Services are requested to closely monitor these events and update relevant institutions such as Disaster Risk Management Agencies at Member States level to support preparedness and actions taken to protect lives and property.

Users are encouraged to consult National Meteorological and Hydrological Services at Member States for interpretation of this advisory.

NEXT ADVICE

The next advisory will be issued when there is need for an update on the current evolving tropical system or a new system forming in the SWIO Basin and having a direct impact on the SADC Region.

For more information contact:

SADC Climate Services Centre (SADC-CSC)

Private Bag 0095, Gaborone, Botswana

Email: csc1@sadc.int

Website: csc.sadc.int

 <https://twitter.com/sadccsc>