



SADC-CLIMATE SERVICE CENTRE

TROPICAL CYCLONE ADVISORY

ISSUE NUMBER: 02/ 2019/20 SEASON

RELEASE DATE: 04/12/2019

RAINFALL SEASON: 2019/20

HIGHLIGHTS

Headline: Two (2) Tropical Disturbance are evolving over the southwest Indian Ocean with likelihood to develop into tropical cyclones. One will influence the northern parts of Madagascar and the other will influence the islands of Mauritius.

Models predict two (2) tropical disturbance in the South West Indian Ocean (SWIO) with a likelihood to intensify further in the coming days and to track southward and ultimately influence some of the SADC Island States during the forecast period 04-10 December 2019.

WARNING ZONE

The today's Model runs indicate that the northern parts of Madagascar will be impacted by the tropical disturbance 91S and the islands of Mauritius will be affected by the tropical disturbance 92S. Figure 1 shows on the current position and forecast tracks of the tropical disturbances. The purple shades show areas that may receive rainfall amounts, 50 to 99mm in 24hrs, during the forecast period (04-10 December 2019). It is to be noted that this forecast is subject to change as the Model outputs improve in the coming days.

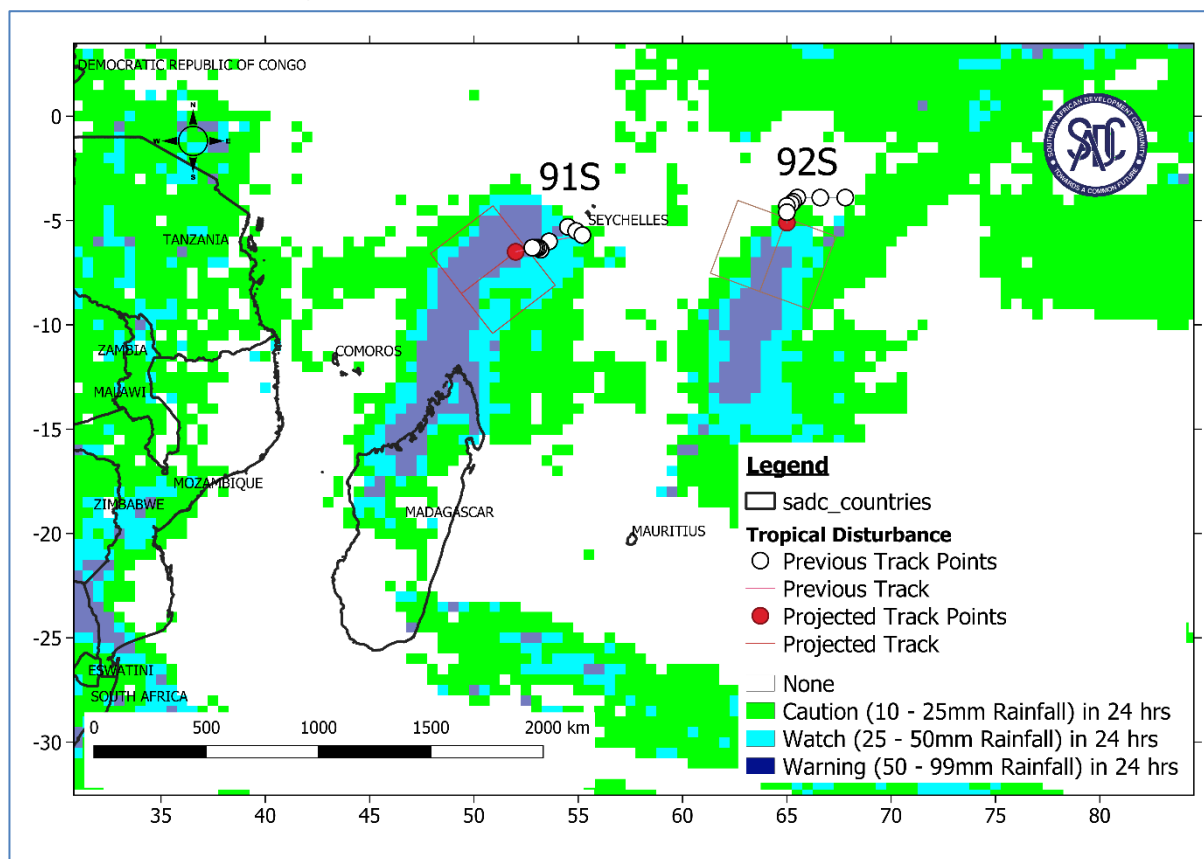


Figure 1: Track of tropical disturbances and rainfall amounts (50-99mm/24hrs) over SADC Island States for the period 04 to 10 December 2019 (Source: ECMWF Global Model Run- 04 Dec 2019)

RECOMMENDED ACTION

National Meteorological and Hydrological Services are requested to closely monitor the tropical disturbances and update National Institutions such as Disaster Risk Management Agencies 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 a major change in the evolution of the tropical disturbances over the Southwest Indian Ocean Basin.

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