AWIO20 FMEE 011126
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

BULLETIN FOR CYCLONIC ACTIVITY AND SIGNIFICANT TROPICAL WEATHER IN THE SOUTHWEST INDIAN OCEAN

DATE: 2019/03/01 AT 1200 UTC

PART 1:
WARNING SUMMARY:

Nil but WTIO20 and WTIO30 to be issued on Tropical Disturbance 10-20182019 and followings.

PART 2 :
TROPICAL WEATHER DISCUSSION:

Convective activity is mainly located around the 3 suspect areas monitored for several days.

In the Mozambique Channel :

The residual elongated circulation in the mid-troposphere is moving WSW in association with severe convection locally. Last ASCAT-C show no sign of a surface circulation. In the following days, some guidance suggest a temporary deepening after the landfall on the Mozambican coast. For now this scenario is not the chosen one.

Over the next 5 days, there is no risk of development of a moderate tropical storm over the Northern half of the Mozambique Channel.

Suspect area East of Agalega :

This morning Ascat swath show a broad elongated circulation with maximal winds reaching 15kt. With the gradual decrease of the polar feeding due to the eastern cyclogenesis, the low is expected to rapidly merge into the vast surface trough.

Over the next 5 days, there is no more risk of development of a moderate tropical storm East of Agalega.

Tropical Disturbance 10-201892019 :

Position at 10Z : 10.1S/75.9E
Movement : WSW 6kt
Maximum 10 min mean winds : 25kt
Central MSLP : 1003hPa

For further information, please refer to WTIO20 and WTIO30 to be issued.

Over the next 5 days, the risk of development of a moderate tropical storm becomes high from Saturday South-East of Diego Garcia.

NOTA BENE: The likelihood is an estimate of the chance of the genesis of a moderate tropical storm over the basin and within the next five days:

Very low:	*less than 10%*	*Moderate:*	*30% to 60%*	*Very high:*	*over 90%*
Low:	*10% to 30%*	*High:*	*60% to 90%*		

The Southwestern Indian Ocean basin extends from the equator to 40S and from the african coastlines to 90E.