AWIO20 FMEE 161121
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2021/01/16 AT 1200 UTC

PART 1:
WARNING SUMMARY:

Warnings WTIO20 n°003/7 and WTIO30 n°3/7/20202021 issued at 06Z on tropical depression n°07-20202021.
Next warnings at 12Z.

PART 2 :
TROPICAL WEATHER DISCUSSION:

The monsoon flow is established over the entire basin. The convective activity over the basin is essentially present within the clockwise circulation of tropical depression n°07 and within the tropical low present in the Australian zone. Rainstorm activity, without the presence of a suspicious zone, is located in the North and North-West of Madagascar.

Tropical depression n°07-202021 :

Position at 09Z: 12.5°S / 65.6°E
Max wind over 10 minutes: 30 kt
Central pressure: 998 hPa
Current motion: West-Southwestwards at 8 kt

For more information, please refer to the bulletins issued at 06Z and followings.

The risk of this system becoming a moderate tropical storm becomes high from Sunday onwards.

Tropical low in the Australian zone :

A tropical low continues to be tracked by the BOM around 16.6S 92.5E according to the latest Tropical Cyclone Technical Bulletin (IDW27600) of 06UTC. This system is still intensifying and is expected to reach 90E late next night or Sunday, potentially as a severe tropical storm. Thereafter, environmental conditions are expected to deteriorate significantly as vertical wind shear increases early next week.

On the extreme east of the basin, the risk of a tropical storm entering is very high from Sunday.

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.