AWIO20 FMEE 131121
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2018/09/13 AT 1200 UTC

PART 1:
WARNING SUMMARY:

Nil.

PART 2 :
TROPICAL WEATHER DISCUSSION:

The basin is in a Near Equatorial pattern (NET) East of 60E and between 2S and 7S. The transit of an equatorial rossby wave has favored the formation of a weak clockwise circulation within the NET, centered approximately near 7S/75E. According with the 0432Z ASCAT swath, maximum winds are estimated at 15 kt and locally 20/25 kt over the southern semi-circle by gradient effect. Minimal pressure is estimated at 1008 hPa. Deep convection activity is strong but remains fluctuating with a strong diurnal effect.

A Kelvin wave should sustain the equatorward low level feeding for few days while a warm entrance of an undulation of the subtropical jet should favor a good upper level divergence. Thus, the clockwise circulation is expected to maintain and move westsoutwestward but without deepen significantly and begin to fill up from the beginning of the next week with the eastward shift of the upper level and the end of the equatorward low level feeding.

Development of a moderate tropical storm is not expected for the next 5 days.

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 50%*	*Very high:*	*over 90%*
Low:	*10% to 30%*	*High:*	*50% to 90%*		

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