

AWIO20 FMEE 171222

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2019/04/17 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Convective activity is increasing, on the northern side of the Near Equatorial Trough (NET) east of 60E, with the equatorial westerlies strengthening due to the interaction between an equatorial Rossby wave and a Kelvin wave. The NET pattern is forecast to strengthen during the next 2 weeks due to the re-emergence of the MJO over the basin.

3 vorticity areas are forecast by the main guidance within the NET : north of Madagascar, between Agalega et Diego-Garcia and east of 90E. For now, numerical models do not suggest a significant cyclogenesis risk within the next five days. Beyond, the scenarios are very spread which does not allow the choice of one of the three areas.

There is no risk of development of a tropical storm for the next five 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 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.