

AWIO20 FMEE 161040

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2019/01/16 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The basin is in a Near Equatorial Trough (NET) pattern East of 65E. Over the Eastern region, the convective activity is mainly concentrated on the polar side of the NET, within the surface convergence caused by the slowing trade winds.

Over the Western half of the basin, convection remains strong North of 15S, within an area where the monsoon flow meets the trade winds without forming a recognizable large-scale pattern. Over the Southern part of the Mozambique channel, the area of strong convection described in yesterday's bulletin is still active into a convective line pattern within the monsoon flow along the coast of south of Mozambique, organized around a low over land. Even if a weak cyclogenesis signal remains suggested by the available ensemble guidance, the last deterministic runs do not associate any cyclogenesis potential with this area, the low remaining over land.

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.