

AWIO20 FMEE 261148

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2018/02/26 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil

PART 2 :

TROPICAL WEATHER DISCUSSION:

Convection is moderate within a Monsoon Trough (MT) branch axed near 09S East of 65E. A weak clockwise circulation is located within the MT, near 8.5S/69E. However, the environmental conditions remain rather uncondusive for cyclogenesis over this area, especially in the upper levels.

The strongest convective activity is located within the buffer area of the monsoon flow, West of 65E. The available observation data do not depict any closed circulation yet within this wide area of disturbed weather. A trade winds burst should trigger the appearance of a clockwise circulation in the North-East of Madagascar by Thursday. Then, this system should benefit from an excellent upper divergence and very conducive environmental conditions to gradually intensify. Thus, the available guidance still maintains a moderate to high risk of cyclogenesis for next week-end. The ensemble models suggest a parabolic track, potentially threatening the Eastern malagasy coastline and/or the Mascarenes islands in the beginning of next week.

For the next 5 days, the risk of development of a moderate tropical storm become low on Thursday and moderate on Saturday.

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:	<i>less than 10%</i>	Moderate:	<i>30% to 50%</i>	Very high:	<i>over 90%</i>
Low:	<i>10% to 30%</i>	High:	<i>50% to 90%</i>		

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