AWIO20 FMEE 301145
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 30/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 and WTIO30 013/05 issued at 06 UTC on Intense Tropical Cyclone GRANT. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin has a monsoon trough (MT) pattern, disrupted by the intense tropical cyclone GRANT. The trough extends east of 79°E and undulates between 9° and 10°S.
Convective activity is weak to moderate in the western part of the Mozambique Channel and locally strong near the GRANT system.

The wave conditions remain favorable for cyclogenesis over the next few days, with an active phase of the MJO over the western basin moving eastward accompanied by a Kelvin wave. At the end of the week, these two waves intersect with a weak equatorial Rossby wave at the eastern boundaries of our basin, temporarily strengthening the vorticity in this area.

Intense Tropical Cyclone GRANT :
Information at 09 UTC :
Estimated position : 14.5S / 76.3E
Movement : W 14kt
Maximum wind speed (averaged over 10 minutes) : 100 kt
Estimated central pressure : 948 hPa
For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

Over the northeastern basin:
In this context of wave interaction, cyclogenesis could occur in the TM behind GRANT.
The American and European ensemblist models, as well as the American deterministic model, suggest the formation of a moderate tropical storm towards the end of the week around 85-90°E.
In addition, the environmental context, with rising wind shear, could be unfavorable to its intensification.

The likelihood of a moderate tropical storm forming is low from Friday, January 2nd, in the northeast of the basin.

NOTA BENE: The likelihood is an estimate of the chance of genesis of a moderate tropical storm over the basin 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.