AWIO20 FMEE 311220
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 31/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 and WTIO30 017/05 issued at 06 UTC on Intense Tropical Cyclone GRANT. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin features a Monsoon Trough (MT) pattern, disrupted by Tropical Cyclone GRANT, around 12S, between 60 and 90E. Convective activity is weak to moderate in the slowdown area of the monsoon flow and locally strong near GRANT.

The wave environment remains favorable for cyclogenesis over the next few days, with an active MJO phase over the western basin moving eastward, associated with a Kelvin and an Equatorial Rossby wave, crossing over the central and eastern parts of the basin.

Tropical Cyclone GRANT :
Information at 09 UTC :
Estimated position : 15.7S / 71.3E
Movement : SW 11kt
Maximum wind speed (averaged over 10 minutes) : 85 kt
Estimated central pressure : 966 hPa
For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

North-East of the basin:
In the eastern part of the MT, in relation to the wave crossing, a low could develop before Friday. The low-level convergence on the equatorial side should be favorable. However, on the polar side, the presence of an upper-level cut-off could temporarily limit low-level convergence and strengthen the upper-level shear, particularly west of 90E. Beyond Friday or Saturday, this low should shift eastward and enter the Indonesian or Australian areas, where it should encounter more favorable conditions for its development.

At longer range, this system may come back to our area.

The likelihood of a moderate tropical storm forming is low from Friday 2nd to Saturday 3rd , 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.