AWIO20 FMEE 271108
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 27/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 and WTIO30 001/05 issued at 06 UTC on Severe Tropical Storm GRANT. Next bulletins issued at 12 UTC

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a Monsoon Trough (MT) configuration with an axis between 5 and 10°S east of 50E and around 15°S in the Mozambique Channel. Convective activity is weak to moderate at the northern edge of the TM but locally strong near the severe tropical storm GRANT and in the central part of Mozambique channel.

The wave pattern will become more favorable for cyclogenesis in the coming days with the resurgence of an active MJO phase in the west accompanied by a Kelvin wave. We should also note the westward progression of an equatorial Rossby wave from the east of the basin, accompanying Tropical Storm GRANT.

Severe Tropical Storm GRANT :
Information at 09 UTC :
Estimated position: 12.1S / 88.8E
Movement : WSW 9kt
Maximum wind speed (averaged over 10 minutes): 55 kt
Estimated central pressure: 986 hPa
For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

Suspect area near the coast of Mozambique :
Most deterministic and ensemble models no longer predict a deepening of the suspicious areas in the center of the Mozambique Channel, despite good convergence on either side of the monsoon trough. The presence of dry air over the southern half of the Mozambique Channel and the proximity to land of the minima, combined with an expected decrease in convergence on the equatorial side over the next few days, probably explain the reduced risk of cyclogenesis.

The risk of a tropical storm forming in the center of the Mozambique Channel is low over the next 5 days.

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.