AWIO20 FMEE 101153
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 10/02/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 016/10 and WTIO30 022/10 issued at 06 UTC on Tropical Cyclone GEZANI. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin has a Monsoon Trough (MT) pattern east of 68°E, centered approximately around 8°S. Convective activity is weak to moderate near the MT, towards the Seychelles and the Comoros, and strong near the GEZANI system, which is currently moving towards the east coast of Madagascar and intensifying.

Over the next five days, the active phase of the MJO does not appear to be clear-cut and is struggling to induce convective resurgence or a westerly thrust conducive to vorticity. While one Kelvin wave has just left the basin to the east, another is crossing the basin from west to east over the period, crossing a Rossby wave towards the end of the week near 80°E. The timing of the wave crossing is not optimal given the two low-pressure poles present in the TM (one around 70E, the other around 95E).

Intense Tropical Cyclone GEZANI :
Information at 09 UTC :
Estimated position : 18.1 S / 50.5 E
Movement : W, 10 kt
Maximum wind speed (averaged over 10 minutes) : 95 kt
Estimated central pressure : 958 hPa
For further information, please refer to bulletins WTIO22 and WTIO30 issued at 06 UTC and following.

Over the central part of the basin:
A suspicious area could develop southwest of Diego Garcia by the end of the week under the influence of a surge in monsoon flow favored by the passage of a Kelvin wave. This area should benefit from good convergence on the polar side but could be limited by an increase in deep shear from the east starting on Sunday. Few members of the ensemble and AI models currently suggest that this suspicious area will develop into a tropical storm by the end of the week.

The risk of tropical storm development in the central part of the basin will be very low on Saturday February 14th.

Over the far eastern part of the basin :
Convective activity remained moderate today near a surface trough around 09S/89 E.

Convergence on the equatorial side has recently improved after the passage of a Kelvin wave earlier this week, but it remains poor on the polar side. The low-pressure center will soon exit our basin to the east and is likely to remain there for the next five days. Deterministic models and AI remain less reactive, and only a few ensemble members suggest a moderate tropical storm developing in our area by Sunday. Furthermore, if this does occur, it is likely to happen outside our basin.

For the next 5 days, there is no potential for this suspect area to develop into a moderate tropical storm.

10-day outlook :

The ongoing passage of the Rossby wave near the suspect area southwest of Diego Garcia may continue to bring vorticity to the low-pressure system early next week and lead to a cyclogenesis.
Meanwhile, the return of the second suspicious area described in our zone cannot be ruled out at the beginning of next week to a moderate tropical storm.

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.