

AWIO20 FMEE 091032

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 09/10/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The west of the basin remains in winter configuration but a weak branch of the Near Equatorial Trough (NET) persists to the east, between 60 and 75°E and undulating between the equator and 6°S. There is little convective activity in the convergences on the northern edge of the NET.

An equatorial Rossby wave continues to propagate towards the west of the basin. At the end of the forecast period, a new Kelvin wave should cross the Rossby wave, which could lead to the emergence of a low-pressure circulation in the Diego Garcia area.

**Development of a tropical storm is not expected over the next 5 days.**

**10-day outlook :**

From mid-October, a wet phase of the MJO should return to the Indian Ocean. The interaction with the Kelvin wave, which should then propagate ahead of the wet MJO, and the Rossby wave towards the centre of the basin should lead to renewed vorticity in the TPE at the end of next week.

The European and American ensemble models suggest a gradual increase in the risk of cyclogenesis towards the end of next week. The situation will therefore be worth monitoring.

*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.*