

AWIO20 FMEE 091047

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 09/09/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil, but system 03-20252026 will be monitored by RSMC La Réunion from 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

A branch of the Near Equatorial Trough (NET) remains to the east of 65°E and up to 75°E.  
Convection is weak to moderate near this NET and the low-pressure system that has formed further west.

At the end of the week, the resurgence of a MJO over the east of the basin will induce a surge of equatorial westerlies.  
Another minimum can then deepen to the east of the current NET, i.e. in the eastern part of the basin or even in the Indonesian area.

Low-pressure area over the east of the basin, to the west of Chagos archipelago :

Today's ASCAT swath at 0428UTC shows a low-pressure circulation which is still elongated but closed.  
Its centre can be estimated at around 9.6S/68.7E at around 09UTC with winds reaching 30kt in the southern semicircle.  
The associated convection is essentially present to the south-west of the minimum, leaving a better-defined cloud curve which has enabled an initial classification to be made around 00UTC.

Over the next 48 hours, environmental conditions are set to continue or even improve as the vorticity shifts towards a zone of weaker wind shear and increases due to the strengthening of the trade winds further south. Under these conditions, the tropical storm threshold could be reached.

**There is a weak risk of a tropical storm developing to the south-west of Diego-Garcia from Wednesday 10th September.**

*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.*