

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

DATE: 09/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin displays a Near Equatorial Trough (NET) pattern east of 63E. Convective activity is weak.

The current context remains unfavorable for cyclogenesis due to easterly wind anomalies along the equator ahead of the wet phase of the MJO.

However, over the end of the week, the arrival of a Kelvin wave from the west could allow the formation of one or two circulations within the NET over the eastern basin.

Over the eastern parts of the basin :

Over the next five days, two circulations could form over the eastern basin, one near 80E and another in the Indonesian area. The westernmost circulation does not show any potential for cyclogenesis this week, due in particular to a weak convergence on the polar side and moderate wind shear up to Friday. The easternmost circulation in the Indonesian area may have a greater potential for development, but it is not expected to enter our area over the next five days. Over the next five days, the first one is expected to move closer to the second one under the influence of equatorial westerly winds, which could lead to a merger and strengthening of the second low-pressure system.

For the next 5 days, there is no potential for the development of a moderate tropical storm over the eastern parts of the basin.

10-day outlook :

The Kelvin wave will continue its path through Indonesian Area of Responsibility early next week, contributing to increased vorticity on the equatorial side of the pre-existing low-pressure system. After that, the basin will not benefit from conditions favourable for cyclogenesis over the next 10 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.