

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

DATE: 20/12/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The southwestern Indian Ocean basin is in a Near Equatorial Trough (NET) configuration east of 60E, around 7°S. Convective activity is weak to moderate on either side of the NET and in the northern part of the Mozambique Channel.

The wave conditions will gradually become favorable for cyclogenesis over the next five days, with an active phase of the MJO and a weak equatorial Rossby wave over the easternmost part of the basin.

At the eastern end of the basin:

Due to wave activity, a small circulation could form at the eastern end in the medium term. Its development is likely to be disrupted by the probable development of a system currently in the Australian zone south of Christmas Island, which could approach our area of responsibility in the middle of next week.

However, some members of the European ensemble forecast model see significant development of a system in the far east of the basin.

For the next five days, there is a very low risk of a tropical storm forming in the far east of the basin starting on Wednesday.

On southern Africa:

A low-pressure area is currently present over southern Africa on the border between Angola and Zambia, around 15S/19E. It is expected to remain in a mass of humid air over the next few days, generating heavy rains over the border regions of Angola, Zambia, Zimbabwe, Botswana, and Namibia. This system does not have the potential to develop into a tropical storm.

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

10-day outlook :

In the second half of next week,, a new tropical storm currently developing in the Australian area, could enter our area of responsibility from the east, as suggested by the main ensemble forecasts. In addition, the low-pressure area over southern Africa could shift eastward and promote the formation of a low-pressure system in the southern Mozambique Channel.

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.