

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

DATE: 07/03/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The Monsoon Trough (MT) configuration is present east of 60°E, undulating between 8° and 12°S. A still weak monsoon flow affects the northern part of the Mozambique Channel.

Convective activity is weak over the eastern end of the basin and near the Seychelles archipelago. It is moderate over the northern part of the Mozambique Channel along the African coast and in the convergence zone with the trade winds over the southwestern part of the MT north of the Mascarene Islands.

The dry phase of the MJO over our basin is expected to gradually shift eastward by mid-March, allowing for the return of more favorable conditions over the western part of the basin, including a strengthening of the MT. In addition to the effects of the MJO, a Kelvin wave is expected to approach Africa over the next five days, gradually strengthening the monsoon flow over the northern Mozambique Channel, along the African coast. The wave pattern is therefore gradually improving, but this improvement remains slow and is not conducive to cyclogenesis over the next five days.

A 30U low-pressure system currently in the Australian zone and monitored by the BOM could enter the far east of our basin from March 12 or 13. However, most models suggest that it will weaken due to an overly dry and sheared atmospheric environment, so the risk of it reaching storm status when it enters our area of responsibility is estimated to be zero.

For the next five days, there is no potential for it to develop into a moderate tropical storm when it enters our basin.

10-day outlook:

In the longer term, more favorable wave activity and the eastward shift of the dry phase of the MJO should improve convergence within the MT between the west and center of the basin. A low-pressure system could then form north of the Mascarene Islands.

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.