

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

DATE: 09/07/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a winter pattern. Convection is moderately active in the area where trade winds slow down near the equator, between 60 and 80°E. Recent satellite imagery and ASCAT data show increasing west to north-westerly winds near the Maldives, which could be linked to an increasingly favorable equatorial wave background.

Equatorial wave activity should indeed become more conducive to cyclogenesis in the coming days. In particular, a Kelvin wave is expected to overlap with an equatorial Rossby wave over the east of the basin this weekend. In the meanwhile, the MJO could rebuild over the Maritime Continent, which should enhance equatorial westerlies over the east of the basin. All this should favor the development of a Near-Equatorial Trough (NET) pattern between 70 and 95°E.

Over the north-east of the basin :

Some deterministic and ensemble models suggest the development of a weak tropical low within this NET next week. However, for the time being, the risk of cyclogenesis remains close to zero until Monday 14th.

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

From Tuesday 15th onwards, a few members of the American and European ensembles suggest the possible development of a tropical storm over the north-east of the basin. Deterministic models remain less reactive, apart from a few exceptions. The possible increasing risk of cyclogenesis will thus have to be monitored and precised in the coming 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.