

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

DATE: 10/07/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a winter pattern. Convection activity is weak over the basin, few convective cells are appearing in the slowing trade winds area over the east of the basin.

Equatorial wave activity should indeed become more conducive to cyclogenesis in the coming days. In particular, a Kelvin wave is expected to overlap with a Rossby wave over the east of the basin at the equator 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 tomorrow or Saturday.

**Over the north-east of the basin :**

The deterministic models GFS, AIFS and some members of the GEFS ensemble, in particular, suggest the establishment of a low-pressure circulation within this NET from Tuesday 15th.

The likelihood of the formation of a moderate tropical storm becomes very weak from Tuesday 15th.

The westerly thrust induced by the MJO and the equatorial Rossby wave maintains a cyclogenesis signal until the end of next week. 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.*