

AWIO20 FMEE 041022

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 04/11/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a Near Equatorial Trough (NET) pattern between 55 and 90E. Convective activity is moderate southward of this NET, especially including the Seychelles area.

Over the next few days, the overlapping of a Kelvin wave with an Equatorial Rossby wave over the east of the basin should enhance equatorial westerlies and reinforce the NET pattern, especially east of 90E.

Consequently, some numerical models forecast the possible formation of a weak tropical low over the Indonesian or Australian areas of responsibility from November 10th onwards, which should stay away from our basin for the time being, as the current dry MJO inhibits tropical convection.

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