

AWIO20 FMEE 181213
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2024/08/18 AT 1200 UTC

PART 1:
WARNING SUMMARY:

Nil.

PART 2 :
TROPICAL WEATHER DISCUSSION:

In a favorable large-scale wave activity set-up, the South-West Indian Ocean basin still features an atypical Near Equatorial Trough (NET) pattern from 65 to 80E and between 5S and 7S. Convective activity has maintained over the last 24 hours in the southwest quadrant of Tropical Disturbance n° 01-20242025. The ASCAT pass at 0434Z shows a closed but slightly elongated low-level circulation with winds averaging 25 kt, locally 30kt under the convection.

Tropical Disturbance 01-20242025

Information at 12UTC

Position : 6.9S / 68.5E

Movement : W, 6 kt

Maximum 10min winds : 30 kt

Central pressure : 1003 hPa

This system should persist over the next few days, but its intensification should be countered by mixed environmental conditions: good supply of low-lying air on the polar side by the trade winds, but a lack of flow on the equatorial side and drier conditions from mid-week onwards. Deterministic models do not predict intensification of the system over the next few days, but the probabilistic models still foresee the possibility of an intensification into a moderate tropical storm.

Over the next five days, there is a low risk (10 to 30%) of formation of a moderate tropical storm.

NOTA BENE: The likelihood is an estimate of the chance of the genesis of a moderate tropical storm over the basin and 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.