

AWIO20 FMEE 251158

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2024/01/25 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO22 and WTIO30 n°012/03 issued at 06UTC on the Moderate Tropical Storm CANDICE.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The South-West Indian Ocean Basin remains in a Monsoon trough (TM), undulating around 5°S east of 65°E. Convective activity is intense in the slowdown of the monsoon flow North of the Mascarene Islands, along the northern edge of the monsoon trough and around the CANDICE and ANGGREK systems.

Moderate tropical storm CANDICE :

Information at 0915UTC :

Position: 22.7°S / 60.1°E

Movement : Southeast 13kt

Max wind over 10min : 40kt

Central pressure: 994 hPa

For further information, please refer to bulletins WTIO22 and WTIO30 issued at 12UTC and following.

Tropical Cyclone ANGGREK :

ANGGREK entered Reunion's area of responsibility this afternoon. CMRS will resume monitoring the system at 12UTC.

For further information, please refer to bulletins WTIO20 and WTIO30 issued at 12UTC and following.

Future suspect zone northeast of Saint-Brandon:

In the slowdown of the monsoon flow and the monsoon trough, a precursor could come to life over the weekend. Under favorable environmental conditions, this precursor could generate the formation of a low-pressure system on Sunday or Monday. Most deterministic and ensemblistic models agree on the formation of this system, but are still uncertain about its intensification.

However, some models are predicting a tropical storm by Tuesday. Even if this scenario is not the predominant one, a risk that this low-pressure system will reach the stage of a moderate tropical storm by Tuesday cannot be ruled out. This risk is likely to increase over the next few days.

There is therefore a very low risk of a moderate tropical storm forming north-east of Saint-Brendon from Tuesday.

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.