

AWIO20 FMEE 081048

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2018/03/08 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warning WTIO20 FMEE and WTIO30 FMEE n° 025/06 about the Post-Tropical Depression EX-DUMAZILE issued at 06 UTC.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The Mousson Trough (MT) is present in the basin, axed around 7°S. Between 50°E and 70°E, the convective activity is present in the deceleration zone of the flow and on the southern face of the broad low pressure area, centered around 13°S. In the Mozambique Channel, convective activity remains present in the South of the Comoros archipelago.

**-Post-Tropical Depression EX-DUMAZILE :**

Estimated position at 09UTC : 30.4S / 59.1E.

Movement : South-East at 10 kt.

Max 10 min mean wind : 45 kt.

MSLP : 972 hPa.

*For further information about this system, please refer to WTIO20 FMEE and WTIO30 FMEE n° 025/06 issued at 06 utc and followings.*

**- Low pressure area south-west of the Chagos archipelago:**

The low pressure area axed near 13°S does not currently have a well-defined surface circulation center. It is necessary to await the resumption of the tradewinds so that this zone presents the establishment of a closed circulation and a potential of remarkable cyclogenesis. A first zone becomes suspicious rather in the eastern part of the basin during WE and later a second area north of the Mascarene Islands with the arrival of the tradewinds, following the evacuation of Ex-Dumazile.

**For the next 5 days, the risk of development of a moderate tropical storm over the basin becomes moderate from sunday in connection with the eastern area in the monsoon trough and moderate from tuesday for the northern zone of the Mascarene island.**

*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 50%	Very high:	over 90%
Low:	10% to 30%	High:	50% to 90%		

*The Southwestern Indian Ocean basin extends from the equator to 40S and from the african coastlines to 90E.*