

AWIO20 FMEE 201014

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2013/12/20 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO20 FMEE n°023/02 and WTIO30 n°024/02 issued at 0600Z related to the Tropical Cyclone n°02-20132014 (AMARA). Next warnings at 1200Z.

Warnings WTIO20 FMEE n°002/03 and WTIO30 n°002/03 issued at 0600Z related to the Intense Tropical Cyclone n°02-20132014 (AMARA). Next warnings at 1200Z.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The transequatorial monsoon inflow remains established from African coastline to 70E. The thunderstorm activity is mainly associated with the two tropical cyclones located over the basin. A squall lines is spreading westwards over the northern Mozambique channel and should interest the Comoros archipelago and Mayotte island during this afternoon. Meteorological conditions should remain disturbed over the northern Mozambique channel within the next few days. early next week, a low could form over the area.

Intense Tropical Cyclone n°02-20132014 (AMARA):

The system has shown again some signs of intensification during the last 3 hours

At 0900Z :

- T=5.5 and Ci = 5.5+ (3 hour average T-num)
- Position: 18.5S/65.0E
- Movement: southwestwards at 7 kt
- 10 minutes maximum winds, 90 kt
- Estimated MSLP, 960 hPa

For further informations about this system, please refer to WTIO20 n°023/02 and WTIO30 n°024/02 and followings.

Intense Tropical Cyclone n°03-20132014 (BRUCE):

At 0900Z :

- T=5.5+ and Ci = 6.5- (3 hour average T-num)
- Position: 13.7S/87.8E
- Movement: westsouthwestwards at 10 kt
- 10 minutes maximum winds, 110 kt
- Estimated MSLP, 935 hPa

For further informations about this system, please refer to WTIO20 n°002/03 and WTIO30 n°002/03 and followings.

The likelihood that a new Tropical Depression develops over our basin becomes very low saturday and sunday. It becomes low monday, tuesday and wednesday over the northern Mozambique channel.

NOTA BENE: The likelihood is an estimate of the chance of the genesis of a tropical depression 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.