

AWIO20 FMEE 191033

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2013/12/19 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO20 FMEE n°019/02 and WTIO30 n°020/02 issued at 0600Z related to the Tropical Cyclone n°02-20132014 (AMARA). Next warnings at 1200Z.

Warning IDW27600 issued at 0600Z by Perth TCWC related to the Tropical Cyclone nr 03U (BRUCE). Next warnings at 1300Z.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The transequatorial monsoon inflow is established from African coastline to 70E.

Convective activity is strong up to 150 NM radius from the centre of Tropical Cyclone nr02

AMARA, and East of 85E and North of 20S in relation with the outer bands of the approaching TC Bruce.

Tropical Cyclone n°02-20132014 (AMARA):

At 0900Z :

- T=4.5 and Ci = 5.0+
- Position, 17.55S/67.7E
- Movement west-southwestward at 10kt
- 10 minutes maximum winds, 85 kt
- Estimated MSLP, 960 hPa

For further informations about this system, please refer to WTIO20 n°019/02 and WTIO30 n°020/02 and followings.

Tropical Cyclone 03U (BRUCE) in the australian area of responsibility:

According to Perth TCWC, this system is located at 0600Z near 12.2S/92.0E moving west-southwestwards at 8kt.

It is expected to cross the 90E boundary inwards our AoR during the next night, at Severe Tropical Cyclone intensity 90kt according to the BOM's forecast.

For further informations about this system, please refer to IDW27600 and followings.

The likelihood that a new Tropical Depression evolves over our basin becomes very high on friday.

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.