

AWIO20 FMEE 261144

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2012/02/26 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warning WTIO22 n°001/11 and RSMC advisory WTIO30 n°001/11 on Tropical Depression n°11 issued at 26/0600Z. Next warnings issued at 12Z.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Transequatorial monsoon flow is still established from the African coasts to 75E. Trade wind flow is rather pronounced now over the whole basin south of 14S.

Convective activity within the ITCZ remains moderate to strong mainly associated to newly formed tropical storm "IRINA" (named at 09Z by the Madagascar weather services) located close to the northeastern coast of Madagascar and also within two others suspect areas located to the east :

**- Moderate Tropical Storm "IRINA":**

The system still show an ill-defined cloud pattern but according to surface obs from Antalaha and Sambava, this system has generated gale force winds 40/45kt over those areas since 06Z.

The center is still difficult to localise. At 0900Z, the center is approximatively located near 13.8S/51.5E.

*For further informations, please refer to WTIO22 and WTIO30 n°001/11 and followings.*

- between 60E and 75E and along 10S, Thunderstorm activity is strong within the ITCZ and conditions appear conducive for cyclogenesis within the next few days over the area (lower shear, good low level monsoon inflow and good low level convergence). No defined surface closed circulation is evident at this time but it appears likely that a significant system should develop over the area during the next few days.

- Over the extreme east of our area of responsibility, convection remains poorly organized. There is no evidence of a closed circulation and conditions appear less favourable for development mainly due to marginal low level inflow.

**For the next 24 to 36 hours, the potential for development of another tropical depression is fair to good (suspect area between 60E and 75E).**