

AWIO20 FMEE 151038

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2015/01/15 AT 1200 UTC

PART 1:

WARNING SUMMARY:

WTIO22 FMEE 150633 : Hurricane Warning for METAREA VII and METAREA VIII (S) and
WTIO30 FMEE 140732 : Tropical Cyclone Forecast Warning
related to the Intense Tropical Cyclone BANSI Nr5 , issued the 15th of January at 0600Z.

WTIO24 FMEE 150633 : Warning for METAREA VII and WTIO30 FMEE 150713 : Tropical
Cyclone Forecast Warning
related to the Tropical Disturbance Nr6 , issued the 15th of January at 0600Z.

Next warnings will be issued at 1200Z.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Convective Activity within the ITCZ mainly concentrates over the 2 Tropical Systems that are monitored by La Réunion RSMC.

Fluctuating convective activity also exist between 05S and the northern edge of a Monsoon Trough existing along 10S East of 69E.

Tropical Disturbance Nr 06-20142015 (Over the Mozambique Channel) :

At 0900Z , it is centred near 18.5S/41.4E slowly moving eastwards at 12 kt.

MSLP is estimated at 997 hPa with maximum winds at about 25 kt locally reaching 30 kt in the Eastern quadrant from 60 NM to 130 NM from the centre.

This Low is expected to deepen slowly within the next 24 hours experiencing marginal upper level environmental conditions.

It is forecast to make landfall at Tropical Storm stage over the western Madagascar shoreline on Friday afternoon and could reach moderate tropical storm intensity.

For further informations related to this System, please refer to WTIO24 and WTIO30 issued at 06Z and followings.

The likelihood that a tropical depression develops over the Central Mozambique Channel is upgraded to Very High within the next 24 hours.

Intense Tropical Cyclone nr05 BANSI :

At 0900Z , it is centred near 17.93S/61.0E moving East-Southeastwards at 05 kt.

MSLP is estimated at 940 hPa with maximum (10mn) winds at about 100 kt.

For further informations related to this System, please refer to WTIO22 and WTIO30 issued at 06Z and followings.

The likelihood that another tropical depression develops over the South-West Indian Ocean is very low until Sunday, it becomes Moderate up to Monday in relationship with the System Nr06 that is expected to cross Madagascar from west to east and be back over Sea from its eastern shoreline.

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.