

AWIO20 FMEE 261208

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2016/04/26 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Ex-Fantala residual vortex, was fully exposed this morning between two areas of convection which have developed successively at the end of the night, first east to the center then west. The vicinity of the upper level trough in the south-east, strengthened temporarily the polar upper level divergence, is favorable to convection.

This low is tracking West Northwestward at 8-10 kt. At 1100Z, the circulation is centered near 6.3S/45.0E. Minimal sea level pressure (MSLP) is estimated at 1007 hPa. The maximum winds are estimated about 10-15 kt and locally 20/25 kt in the southern semi-circle by gradient effect. The low is expected to move West Northwestward and to fill up slowly despite of temporary burst of convection.

About 430 NM Southeast of Diego Garcia, the LLCC, monitored since several days, is centered approximately near 11.7S/77.4E at 1100Z. MSLP is estimated at 1007 hPa. Thanks to 04h45Z Ascet data, maximum winds are estimated at 10-15 kt reaching 20 kt in the Southern semi-circle by gradient effect.

Associated deep convection is weak and shifted toward the Southeast of the center due to a moderate Northwestward vertical windshear ahead an upper level trough.

The forecasted increasing Northwestward vertical wind shear should prevent it to deepen significantly.

Available models analyze are in good agreement with this scenario. They forecast a slowly southward movement and a slowly filling of the LLCC.

For the next five days, the likelihood that a tropical depression develops over the basin remains low.

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.