

AWIO20 FMEE 271129

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2016/04/27 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Over the basin, convection is fluctuating and mainly located near Ex-Fantala and the weak system, followed in the previous bulletins. This clockwise circulation is located within the Near Equatorial Trough, East of 60E.

This morning, the ASCAT swath does not show a clockwise circulation among Ex-Fantala's remains anymore. However, convection remains very active over a large area off the coasts of Tanzania.

The West-North-Westerly upper level constraint maintained over the suspect area located South-South-East of the Chagos. Convection is thus confined in a wide South-Eastern quadrant, and the low level center is totally exposed within a still well-defined cloud vortex. At 09Z, the LLCC was located near 14.65S/76.40E, with an estimated MSLP at 1007hPa. This morning, ASCAT data showed wind forces ranging from 10 to 15kt around the LLCC and reaching 20kt in the Southern semi-circle, thanks to the strong trade winds over this part of the basin. Over the next few days, vertical windshear is forecast to keep on strengthening, thus preventing any significant deepening. The circulation is expected to disappear by this week-end.

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