

AWIO20 FMEE 081206

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2013/05/08 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The main convective activity over the basin is associated with a tropical low pressure area located over the far northeastern part of the basin.

Area of Disturbed Weather located over the far northeastern part of our AoR:

The broad low pressure area monitored since 48 hours is a little better organised today. At 0900Z, it is centred near 5.8S/84.8E (740 NM to the East of Diego-Garcia) with little motion.

The low level circulation appears better defined compared to yesterday although still a bit elongated in an East-West direction. Associated convective activity has strengthened although still showing some diurnal fluctuations. All the deep convection is restricted within the western side of the circulation due to a rather strong easterly shear (30 kt or more according to 09Z cimss data) north of the upper level ridge.

Scatt data from this morning suggest a highly asymmetric circulation in terms of wind distribution. 25/30 kt winds in the western semi-circle but 10/20 kt in the eastern semi-circle. MSLP is estimated at 1002 hPa.

Within the next few days, the system is expected to gradually move on a general southwards motion. Until saturday, easterly to northeasterly shear should impede the cyclogenesis process. However, some slow development appears likely.

For the next 72 hours, the potential for the development of a tropical depression becomes gradually medium.