

AWIO20 FMEE 080958

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2017/09/08 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The basin is a Near Equatorial Trough (NET) pattern axed between Equator and 5S from west to east.

Deep convection has evolved over the last 24 hours to concentrate near 7°S between 80 and 90°E on the southern edge of the TPE. An elongated clockwise circulation can be estimated within this trough and centered approximately at 5.4S / 83.5E. The buoy located at 7.6°S / 83.3E at 0700UTC allows to estimate a minimum pressure of 1008 hPa.

In the next hours, the low-level circulation could intensify but rapidly due to a persistent strong vertical windshear and mid-level conditions less and less humid, the numerical models available do not deepen this circulation during the next few days.

Development of a moderate tropical storm is not expected for the next 5 days.

NOTA BENE: The likelihood is an estimate of the chance of the genesis of a moderate tropical storm over the basin and within the next five days:

<i>Very low:</i>	<i>less than 10%</i>	<i>Moderate:</i>	<i>30% to 50%</i>	<i>Very high:</i>	<i>over 90%</i>
<i>Low:</i>	<i>10% to 30%</i>	<i>High:</i>	<i>50% to 90%</i>		

The Southwestern Indian Ocean basin extends from the equator to 40S and from the african coastlines to 90E.