

AWIO20 FMEE 091123

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2017/02/09 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warning WTIO22 FMEE n°024/4 and WTIO30 FMEE n° 24/4/20162017 issued at 06Z on Tropical Cyclone N°4 CARLOS. Next warnings at 12Z.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The monsoon flow is mostly established over the western parts of the basin, but is expected to gradually abate within the next few days. This monsoon flow feeds a thunderstorm area located over the northern Mozambique channel that should spread southwards later this week. Elsewhere, the convective activity is mainly associated with Tropical Cyclone Carlos located to the south-south-west of the Mascareignes archipelago. The tropical Indian ocean is nearly free from deep convective activity as a dry MJO phasis is currently spreading over our basin (wet phasis over the western Pacific)

During the week-end or early next week, a low may form over the Mozambique Channel off the south-western coast of Madagascar. Environmental conditions, specially in the low levels, appear only marginally favorable for development of a tropical storm. However some slow development may be possible.

Tropical Cyclone Carlos

Position at 09Z : 23.8S / 53.9E

Movement : East-South-East at 5 kt

Max 10 min mean wind : 65 kt

MSLP : 975 hPa

For further information about this system, please refer to WTIO22 and WTIO30 warnings issued at 06UTC and followings.

The development of another moderate tropical storm becomes very low on Tuesday over the southern Mozambique channel.

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:

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.