

AWIO20 FMEE 101009

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2020/04/10 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

The basin is in a monsoon trough configuration east of 65°E, while a weak low-level circulation is noticeable in the western part of the basin near the African coasts. The convective activity is mainly located in the area of slowing down of the flow on the southern part of this trough.

Clockwise circulation northwest of the Seychelles :

The 0605UTC ASCAT swath confirms the presence of the circulation mentioned in the previous warning. It remains fairly wide and although this low should continue with moderate convective activity, this circulation is not expected to intensify significantly. It should continue its track towards the African coast, which it is expected to reach over the weekend.

Trough east of the basin :

Within the monsoon trough, a fairly wide clockwise circulation is noticeable over the ASCAT swaths of the previous night, in the Australian zone of the basin. Early next week, within a more conducive context, the circulation should consolidate and a low could form within the monsoon trough at the extreme east of the basin.

Numerical models agree that the circulation will be maintained but diverge somewhat on its potential for intensification.

The risk of formation of a moderate tropical storm east of the basin becomes low from next Wednesday.

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 60%	Very high:	over 90%
Low:	10% to 30%	High:	60% to 90%		

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