

AWIO20 FMEE 271101

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2019/01/27 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Nil.

PART 2 :

TROPICAL WEATHER DISCUSSION:

Over the basin, convective activity is concentrated in the wake of the extra-tropical depression originating from EX-EKETSANG, which is forming an active cold front that affects the weather conditions in the Mascarenes Islands. This front also extends over the Mozambique Channel, with frequent thunderstorms over the Comoros archipelago and Mayotte.

Within the near equatorial area, convection is also triggering within the slowing area of the monsoon flow.

With the strengthening of the Southerly flow along the Madagascan Eastern coast, a weak low could isolate at the tip of the cold front, within the pre-frontal warm air. However, no significant deepening is suggested by the available guidance over the next 5 days.

The tropical system RILEY, currently located in the Australian area of responsibility, might cross the 90th meridian in the end of the forecast period, although at a very weakened state. For more information on this system, please refer to the IDW24000 bulletins issued by BoM.

Within the next 5 days, the development of a tropical storm is not expected over the basin.

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.