

AWIO20 FMEE 311112

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 2023/12/31 AT 1200 UTC

PART 1:

WARNING SUMMARY:

Warnings WTIO24 006/1 and WTIO30 006/1 issued at 06UTC on Tropical Depression
01-20232024

PART 2 :

TROPICAL WEATHER DISCUSSION:

The basin has a near-equatorial talweg configuration (NET), located at 05°S between 60° and 75°E. The convective activity present to the north of this NET remains fairly fragmented. The rest of the convective activity is centered around the moderate tropical storm ALVARO located in the Mozambique Channel.

Moderate Tropical Storm ALVARO :

Location at 09UTC : 20.4S / 38.5E

Max average winds (10min) : 35 kt

Central pressure : 997 hPa

Movement : East-south-east, 5 kt

For more information, please refer to warnings WTIO30 and WTIO24 at 12UTC and following.

More than 5 days away, some models are beginning to show signs of a of a new cyclogenesis to the northeast of Madagascar.

However, for the next 5 days, there is no risk of another moderate tropical storm forming 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:

Very low:	<i>less than 10%</i>	Moderate:	<i>30% to 60%</i>	Very high:	<i>over 90%</i>
Low:	<i>10% to 30%</i>	High:	<i>60% to 90%</i>		

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