

AWIO20 FMEE 251132

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 25/09/2024 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

A Near Equatorial Trough (NET) branch is beginning to form east of 65°E, with moderate convective activity on its polar side.

The intersection of a Rossby wave and a Kelvin wave produces a westerly gale along the equator, forming a temporary Near Equatorial Trough structure east of 65/70E. Nevertheless, associated vorticity should remain insufficient and tropospheric environment should remain too dry and sheared. Even if a weak tropical low pressure area should form, conditions remain unfavorable for tropical storm development within the next 5 days.

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

NOTA BENE: The likelihood is an estimate of the chance of genesis of a moderate tropical storm over the basin 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.