

AWIO20 FMEE 171126

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 17/09/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Nil.

PART 2 : TROPICAL WEATHER DISCUSSION

A short and weak branch of near-equatorial trough (NET) is present between 67 and 75E, associated with some equatorial westerlies near the Maldives. Convective activity is rather weak near a low-pressure area close to Diego Garcia, on the southern edge of the small NET branch and the major part of the basin is dominated by dry air.

The low-pressure area over the center of the basin is linked to an equatorial Rossby wave currently moving westward across the basin. However, it is destructively interfering with the other equatorial waves (especially a Kelvin wave) and a weak dry MJO is also inhibiting its potential by contributing to an anomalously dry atmospheric background and an easterly wind anomaly near the equator.

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

10-day outlook : The large-scale background is expected to remain uncondusive for cyclogenesis.

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.