

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

DATE: 21/10/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 and WTIO30 0012/04 issued at 06 UTC on Moderate Tropical Storm CHENGE. Next bulletins issued at 12 UTC

PART 2 : TROPICAL WEATHER DISCUSSION

The Near Equatorial Trough (NET) extends over most of the basin, east of 60E up to 80E, around 4 to 9S. Convective activity is only related to CHENGE.

The equatorial westerly wind anomaly linked to the MJO is migrating towards the east of the basin. However, the large-scale context remains less favourable to cyclogenesis for the time being, with less pronounced westerly anomalies.

Moderate Tropical Storm CHENGE :

Information at 09 UTC :

Estimated position: 08.9S / 67.3E

Movement : SW, 7 kt

Maximum wind speed (averaged over 10 minutes): 40 kt

Estimated central pressure: 992 hPa

For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

Over the far east :

In the Indonesian zone, close to the equator, the low-pressure circulation has formed a disturbed zone with an increase in convection over the past 24 hours. The ASCAT pass at 0307Z is measuring mean winds of 25kt (30 kt under the convection). It could enter our zone of responsibility at the end of the day tomorrow.

The various deterministic numerical models are struggling to suggest a significant deepening due to moderate wind shear and weak surface convergence on the equatorial side. The intensification window mainly concerns the next 2 days. Only a few minority members of the European ensemble forecasting model are proposing intensification to the stage of a tropical storm.

There is a low risk of a moderate tropical storm forming or entering the extreme east of the basin over the next 48 hours.

10-day outlook :

Conditions are once again unfavourable for the formation of a new tropical storm.

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.