

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

DATE: 19/10/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 and WTIO30 008/04 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 55E, around 5 to 10S over the western part, near tropical storm CHENGE, and north of 5S over the far eastern part of the basin. Convective activity is moderate to strong around these two areas.

This basin configuration, which enabled CHENGE cyclogenesis, can be explained by the strong westerly surface wind anomalies associated with an Equatorial Rossby wave and the MJO's moist phase. Over the far eastern part of the basin, the large-scale context remains less favourable to cyclogenesis for the time being, with less pronounced westerly anomalies.

**Moderate Tropical Storm CHENGE :**

Information at 10 UTC :

Estimated position: 08.8S / 69.4E

Movement : OSO, 8 kt

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

Estimated central pressure: 996 hPa

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

**Over the far east :**

In the Indonesian area, close to the equator, a low-pressure area is developing. The various numerical models suggest that a low-pressure circulation will form over the next 48 hours, but are struggling to suggest any significant deepening due to moderate wind shear and weak surface convergence on the equatorial side.

Deterministic models suggest that this minimum could enter our area of responsibility on Wednesday or Thursday, but generally at a weak stage. Only a few members of the EPS and GEFS suggest that it could enter as a tropical storm.

**The likelihood of the formation or the entry of a moderate tropical storm becomes very low on Wednesday, October 22, over the far east.**

With the shift of the MJO and therefore of the surface westerly wind anomaly over the extreme east of the basin, conditions will become unfavourable for cyclogenesis over the western side of the basin.

*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.*