

AWIO20 FMEE 231241

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 23/10/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 and WTIO30 24/04 issued at 06 UTC on Moderate Tropical Storm CHENGE. Next bulletins issued at 12 UTC

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a Near Equatorial Talweg (NET) pattern extending from 60 to 80°E between tropical storm CHENGE and a disturbed area at the eastern end of the basin. Convective activity is associated with these two systems.

The equatorial westerly wind anomaly linked to the MJO will migrate eastward across the basin during the week. We will also monitor the subtle arrival of a Kelvin wave on Friday and Saturday, which could bring vorticity to the low-pressure circulation present within the NET to the east of our basin.

Moderate Tropical Storm CHENGE :

Information at 09 UTC :

Estimated position: 10.2S / 59.2E

Movement : WSW, 8 kt

Maximum wind speed (averaged over 10 minutes): 50 kt

Estimated central pressure: 995 hPa

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

Over the far east of the basin:

Around 8°S 85°E the organisation of convective activity within the disturbed zone has not improved over the last 24 hours. The ASCAT pass at 0331ZZ measured average winds of 25kt at the southern edge in the slowing trade winds, but only 10 to 15 kt near the centre.

Deterministic models do not predict any significant intensification of the system. Only a few members of the ensemble forecast models predict intensification to tropical storm stage.

Over the next five days, the risk of a moderate tropical storm forming over the far east of the basin is low.

10-day outlook :

Conditions become 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.