

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

DATE: 25/10/2025 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 and WTIO30 32/04 issued at 06 UTC on Tropical Depression CHENGE. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a Near Equatorial Trough (NET) pattern with tropical system CHENGE in its western part and a zone of disturbed weather over the east of the basin. Convective activity is moderate to strong around these two areas.

The equatorial westerly wind anomaly associated with the MJO is moving towards the east of the basin, while the dry phase is gradually settling in from the west. However, an easterly wind anomaly due to an Equatorial Rossby wave currently limits the risk of cyclogenesis over the eastern part of the basin.

Moderate Tropical Storm CHENGE :

Information at 09 UTC :

Estimated position : 7.9S / 50.9E

Movement : WNW, 8 kt

Maximum wind speed (averaged over 10 minutes) : 35 kt

Estimated central pressure : 998 hPa

For further information, please refer to bulletins WTIO22 and WTIO30 issued at 06 UTC and following.

Zone of disturbed weather over the east of the basin :

The latest observations, in particular the latest ASCAT data, show a weak exposed low-pressure circulation around 8.2S / 79.8E, with winds close to 20 kt, locally reaching up to 30 kt under a convective burst displaced very far from the center to the west of the system. Environmental conditions are unfavourable for the development of this system, which should fill up early next week.

For the next 5 days, there is no potential for this suspect area to develop into a tropical storm.

10-day outlook :

Conditions are expected to remain unfavourable for the formation of a new tropical storm, as the dry phase of the MJO settles in, especially on the western part 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.