

AWIO20 FMEE 131131

TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 13/03/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO22 and WTIO30 001/12 issued at 06 UTC on Zone of Disturbed Weather 12-20252026. Next bulletins issued at 12 UTC

PART 2 : TROPICAL WEATHER DISCUSSION

The basin is in a monsoon trough (MT) configuration east of 55E. Convective activity is moderate on both sides of the MT and in the Mozambique Channel along a convergence zone wrapping around a low-pressure system located off the Mozambican coast.

The dry phase of the MJO is located over the eastern basin and will continue toward the maritime continent through the end of the week, allowing for the return of conditions more favorable to convective activity over the western basin. Currently, the intersection of a weak Kelvin wave with a Rossby wave boosted by an MRG is slightly strengthening the monsoon flow and vorticity in the western part of the MT. However, the Kelvin wave is too weak to improve vorticity within the MT further east.

Zone of Disturbed Weather 12-20252026 :

Information at 09 UTC :

Estimated position: 8.6S / 55.2E

Movement : E, 6 kt

Maximum wind speed (averaged over 10 minutes): 30 kt

Estimated central pressure: 1003 hPa

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

Apart from the Zone of Disturbed Weather 12-20252026 for which warnings are issued, development of a moderate tropical storm is not expected for the next 5 days.

10-day outlook:

Next week, the presence of a Rossby wave will cause easterly wind anomalies near the equator, inhibiting low-level convergence and reducing the likelihood of new 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.