AWIO20 FMEE 051204
TROPICAL CYCLONE CENTER / RSMC LA REUNION / METEO-FRANCE

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

DATE: 05/02/2026 AT 1200 UTC

PART 1: WARNING SUMMARY

Bulletins WTIO20 001/10 and WTIO30 002/10 issued at 06 UTC on Zone of Disturbed Weather 10-20252026. Next bulletins issued at 12 UTC.

PART 2 : TROPICAL WEATHER DISCUSSION

The basin exhibits a Monsoon Trough (MT) pattern, particularly west of 70E along 14S. Further east, the basin pattern is unusual, with a surface trough east of 75E along 10S with no equatorial feeding. Convection is weak to moderate near these troughs and locally moderate to strong, particularly around Tropical Disturbance 10-20252026 northeast of the Mascarene Islands and a low-pressure area near 88E. In addition, system FYTIA is still in the process of weakening definitively south of Réunion, but is temporarily generating bursts of convection.

This basin pattern could be explained by significant wave activity from MRG waves. Over the next five days, we should see the return of a more typical Monsoon Trough over the eastern part of the basin. The crossing of an equatorial Rossby wave and a Kelvin wave by the beginning of next week could also temporarily strengthen low-level convergence and convection within the MT, thereby promoting cyclogenesis.

Tropical Disturbance 10-20252026 :
Information at 09 UTC :
Estimated position : 13.9S / 61.7E
Movement : SSW, 07 kt
Maximum wind speed (averaged over 10 minutes) : 25 kt
Estimated central pressure : 1006 hPa
For further information, please refer to bulletins WTIO20 and WTIO30 issued at 06 UTC and following.

Over the eastern part of the basin :
The latest observations show the presence of convection near a surface trough, around 11S 89.5E. However, the latest data, particularly the ASCAT passes, do not indicate the presence of a clear centre or a closed circulation. Maximum winds are approaching 20kt.

In the short term, environmental conditions are not conducive to its development, with the presence of moderate easterly deep shear and weak convergence on the equatorial side. Early next week, convergence on either side of the MT could improve. This precursor or a new precursor could then benefit from a window for development. A few members of the main ensembles (physical and AI) suggest the formation of a storm by next Tuesday.

The risk of tropical storm development over the east of the basin becomes very low from Monday 9th then low from Tuesday February 10th.

Residual Low FYTIA :
Information at 09 UTC :
Estimated position: 24.3S / 55.4E
Movement : SE 8kt
Maximum wind speed (averaged over 10 minutes): 25 kt

Estimated central pressure: 1004 hPa

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.